

Query	swissprot	swissprot	swissprot_descripti	swissprot	swissprot_evalue
TRINITY_sp|Q8WV|C4orf3	Uncharacterized pro	100.00	0.00		
TRINITY_sp|Q925|H1FX	Histone H1x OS=Homo	100.00	0.00		
TRINITY_sp|Q9Y3|STARD10	PCTP-like protein O	100.00	0.00		
TRINITY_sp|O155|ARPC5	Actin-related prote	100.00	0.00		
TRINITY_sp|Q150|TNIP1	TNFAIP3-interacting	100.00	0.00		
TRINITY_sp|P141|rpsA	30S ribosomal prote	100.00	0.00		
TRINITY_sp|Q9GZ|SLIRP	SRA stem-loop-inter	100.00	0.00		
TRINITY_sp|Q9NZ|PSENE	Gamma-secretase sub	100.00	0.00		
TRINITY_sp|P486|PRRC2A	Protein PRRC2A OS=H	100.00	0.00		
TRINITY_sp|Q054|FABP7	Fatty acid-binding	100.00	0.00		
TRINITY_sp|Q5M9|Fostc-b	Oligosaccharyltrans	100.00	0.00		
TRINITY_sp|Q9Y5|MAGED1	Melanoma-associated	100.00	0.00		
TRINITY_sp|Q279|CAPN2	Calpain-2 catalytic	100.00	0.00		
TRINITY_sp|Q95L|EIF4G2	Eukaryotic translat	100.00	0.00		
TRINITY_sp|P122|Apcs	Serum amyloid P-com	100.00	0.00		
TRINITY_sp|P008|Odc1	Ornithine decarboxy	100.00	0.00		
TRINITY_sp|Q3UB|Tbrg1	Transforming growth	100.00	0.00		
TRINITY_sp|P151|GSPT1	Eukaryotic peptide	100.00	0.00		
TRINITY_sp|Q9H0|MRPL18	39S ribosomal prote	100.00	0.00		
TRINITY_sp|Q3SZ|FAAMP	Angio-associated mi	100.00	0.00		
TRINITY_sp|Q9UK|VPS28	Vacuolar protein so	100.00	0.00		
TRINITY_sp|P438|Plin2	Perilipin-2 OS=Mus	100.00	0.00		
TRINITY_sp|Q90W|MXRA8	Matrix-remodeling-a	100.00	0.00		
TRINITY_sp|Q168|ATP6V1F	V-type proton ATPas	100.00	0.00		
TRINITY_sp|Q5E9|DNAJA1	DnaJ homolog subfam	100.00	0.00		
TRINITY_sp|Q3SZ|ERH	Enhancer of rudimen	100.00	0.00		
TRINITY_sp|P102|MYBL2	Myb-related protein	100.00	0.00		
TRINITY_sp|Q0P5|IRBM42	RNA-binding protein	100.00	0.00		
TRINITY_sp|Q9Y5|SRPRB	Signal recognition	100.00	0.00		
TRINITY_sp|P072|-	Serralysin OS=Serra	100.00	0.00		
TRINITY_sp|P297|Vtn	Vitronectin OS=Mus	100.00	0.00		
TRINITY_sp|P563|Cox6b1	Cytochrome c oxidas	100.00	0.00		
TRINITY_sp|P148|COX6B1	Cytochrome c oxidas	100.00	0.00		
TRINITY_sp|Q0MQ|NDUFAB1	Acyl carrier protei	100.00	0.00		
TRINITY_sp|P504|Csrp3	Cysteine and glycin	100.00	0.00		
TRINITY_sp|P412|GARS	Glycine--tRNA ligas	100.00	0.00		
TRINITY_sp|P102|MYBL2	Myb-related protein	100.00	0.00		
TRINITY_sp|O002|ATOX1	Copper transport pr	100.00	0.00		
TRINITY_sp|P079|HSP90AA1	Heat shock protein	100.00	0.00		
TRINITY_sp|P614|PCBD1	Pterin-4-alpha-carb	100.00	0.00		
TRINITY_sp|Q3T1|RPS23	40S ribosomal prote	100.00	0.00		
TRINITY_sp|Q3T1|RPS23	40S ribosomal prote	100.00	0.00		
TRINITY_sp|P115|MTHFD1	C-1-tetrahydrofolat	100.00	0.00		
TRINITY_sp|Q6ZW|Rpl35	60S ribosomal prote	100.00	0.00		
TRINITY_sp|P427|RPL35	60S ribosomal prote	100.00	0.00		
TRINITY_sp|P616|HSPE1	10 kDa heat shock p	100.00	0.00		
TRINITY_sp|P614|rpl36a	60S ribosomal prote	100.00	0.00		
TRINITY_sp|Q618|Pzp	Pregnancy zone prot	100.00	0.00		
TRINITY_sp|Q151|NOMO1	Nodal modulator 1 O	100.00	0.00		
TRINITY_sp|Q96A|MRPL24	39S ribosomal prote	100.00	0.00		
TRINITY_sp|O704|Fhl2	Four and a half LIM	100.00	0.00		
TRINITY_sp|Q56J|RPS13	40S ribosomal prote	100.00	0.00		
TRINITY_sp|Q9R0|Bcam	Basal cell adhesion	100.00	0.00		
TRINITY_sp|P085|PDHA1	Pyruvate dehydrogen	100.00	0.00		
TRINITY_sp|Q9CQ|Rnaset2	Ribonuclease T2 OS=	100.00	0.00		

TRINITY_sp|Q1354	HDAC1	Histone deacetylase	100.00	0.00
TRINITY_sp|P2663	Sars	Serine--tRNA ligase	100.00	0.00
TRINITY_sp|P4173	Cd63	CD63 antigen OS=Mus	100.00	0.00
TRINITY_sp|Q3MH1	SMAP	Small acidic protei	100.00	0.00
TRINITY_sp|O7054	Tcap	Telethonin OS=Mus m	100.00	0.00
TRINITY_sp|Q9DBM	Ehhdh	Peroxisomal bifunct	100.00	0.00
TRINITY_sp|P7066	Sparcl1	SPARC-like protein	100.00	0.00
TRINITY_sp|P0512	Nppa	Natriuretic peptide	100.00	0.00
TRINITY_sp|P1517	GSPT1	Eukaryotic peptide	100.00	0.00
TRINITY_sp|Q29R1	THOC3	THO complex subunit	100.00	0.00
TRINITY_sp|Q1279	ASPH	Aspartyl/asparaginy	100.00	0.00
TRINITY_sp|Q8WUN	SLC20A1	Sodium-dependent ph	100.00	0.00
TRINITY_sp|P6336	(SEPW1	Selenoprotein W OS=	100.00	0.00
TRINITY_sp|Q3T02	UBL5	Ubiquitin-like prot	100.00	0.00
TRINITY_sp|Q3T02	UBL5	Ubiquitin-like prot	100.00	0.00
TRINITY_sp|Q1677	GUK1	Guanylate kinase OS	100.00	0.00
TRINITY_sp|P3046	(TM4SF1	Transmembrane 4 L6	100.00	0.00
TRINITY_sp|P3046	(TM4SF1	Transmembrane 4 L6	100.00	0.00
TRINITY_sp|O7508	WDR1	WD repeat-containin	100.00	0.00
TRINITY_sp|O7564	SNRNP200	U5 small nuclear ri	100.00	0.00
TRINITY_sp|Q91V9	Mgst1	Microsomal glutathi	100.00	0.00
TRINITY_sp|Q0706	CKAP4	Cytoskeleton-associ	100.00	0.00
TRINITY_sp|P3062	SRI	Sorcin OS=Homo sapi	100.00	0.00
TRINITY_sp|Q5B10	CNIH1	Protein cornichon h	100.00	0.00
TRINITY_sp|P3109	PSAN	Photosystem I react	100.00	0.00
TRINITY_sp|Q0745	Ambp	Protein AMBP OS=Mus	100.00	0.00
TRINITY_sp|Q0745	Ambp	Protein AMBP OS=Mus	100.00	0.00
TRINITY_sp|Q6NZ0	Eif4g1	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q8VC1	Alas1	5-aminolevulinate s	100.00	0.00
TRINITY_sp|P9745	Atp5j	ATP synthase-coupli	100.00	0.00
TRINITY_sp|O7582	EIF3G	Eukaryotic translat	100.00	0.00
TRINITY_sp|P4906	(POLD2	DNA polymerase delt	100.00	0.00
TRINITY_sp|O8883	Cyp4a10	Cytochrome P450 4A1	100.00	0.00
TRINITY_sp|Q7Z2V	MRPL21	39S ribosomal prote	100.00	0.00
TRINITY_sp|P3242	RPL7A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q2816	(PABPN1	Polyadenylate-bindi	100.00	0.00
TRINITY_sp|Q9UK4	LSM7	U6 snRNA-associated	100.00	0.00
TRINITY_sp|P2167	SAT1	Diamine acetyltrans	100.00	0.00
TRINITY_sp|Q3T06	(SAT1	Diamine acetyltrans	100.00	0.00
TRINITY_sp|Q9DC9	Atp5h	ATP synthase subuni	100.00	0.00
TRINITY_sp|Q9CZ1	Uqcrc1	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|Q1322	(SELENBP1	Selenium-binding pr	100.00	0.00
TRINITY_sp|P1756	(Selenbp1	Selenium-binding pr	100.00	0.00
TRINITY_sp|P5046	(CSRP3	Cysteine and glycin	100.00	0.00
TRINITY_sp|P0775	Serpina1	Alpha-1-antitrypsin	100.00	0.00
TRINITY_sp|Q9CQC	(Tmem100	Transmembrane prote	100.00	0.00
TRINITY_sp|P3965	DDOST	Dolichyl-diphosphoo	100.00	0.00
TRINITY_sp|Q9H35	(PRO1933	Putative uncharacte	100.00	0.00
TRINITY_sp|Q9QY	(NdrG2	Protein NDRG2 OS=M	100.00	0.00
TRINITY_sp|P3846	(GNAI2	Guanine nucleotide-	100.00	0.00
TRINITY_sp|P0261	-	Myosin regulatory 1	100.00	0.00
TRINITY_sp|Q6142	Hadh	Hydroxyacyl-coenzym	100.00	0.00
TRINITY_sp|P7912	PPM1G	Protein phosphatase	100.00	0.00
TRINITY_sp|Q0MQ1	(INDUFC2	NADH dehydrogenase	100.00	0.00
TRINITY_sp|Q8BK3	(Ndufv3	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P0916	(P4HB	Protein disulfide-i	100.00	0.00

TRINITY_sp|P2129	CSR1	Cysteine and glycin	100.00	0.00
TRINITY_sp|P0758	-	Beta-galactoside-bi	100.00	0.00
TRINITY_sp|Q5E9E	CLIC1	Chloride intracellu	100.00	0.00
TRINITY_sp|Q0494	PLP2	Proteolipid protein	100.00	0.00
TRINITY_sp|Q9JJV	Myoz2	Myozenin-2 OS=Mus m	100.00	0.00
TRINITY_sp|P2659	PTBP1	Polypyrimidine trac	100.00	0.00
TRINITY_sp|Q3ZBI	PSMD7	26S proteasome non-	100.00	0.00
TRINITY_sp|Q96G2	CERS2	Ceramide synthase 2	100.00	0.00
TRINITY_sp|Q6P82	Ckmt2	Creatine kinase S-t	100.00	0.00
TRINITY_sp|Q2825	SPCS2	Signal peptidase co	100.00	0.00
TRINITY_sp|P9743	Slpi	Antileukoproteinase	100.00	0.00
TRINITY_sp|P3362	Apoc3	Apolipoprotein C-II	100.00	0.00
TRINITY_sp|Q5JTY	CBWD3	COBW domain-contain	100.00	0.00
TRINITY_sp|Q32PI	RPS19	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q1627	IGFBP7	Insulin-like growth	100.00	0.00
TRINITY_sp|P5516	CRYBA2	Beta-crystallin A2	100.00	0.00
TRINITY_sp|Q6114	Cp	Ceruloplasmin OS=Mu	100.00	0.00
TRINITY_sp|P4941	TUFM	Elongation factor T	100.00	0.00
TRINITY_sp|Q1558	TGFBI	Transforming growth	100.00	0.00
TRINITY_sp|O4151	MAP1LC3F	Microtubule-associa	100.00	0.00
TRINITY_sp|Q7L2E	EIF3M	Eukaryotic translat	100.00	0.00
TRINITY_sp|P2807	PSMB6	Proteasome subunit	100.00	0.00
TRINITY_sp|P2807	PSMB6	Proteasome subunit	100.00	0.00
TRINITY_sp|Q7L5M	COPS6	COP9 signalosome co	100.00	0.00
TRINITY_sp|Q8CE1	Bola3	BolaA-like protein 3	100.00	0.00
TRINITY_sp|Q969C	SMARCE1	SWI/SNF-related mat	100.00	0.00
TRINITY_sp|Q9NPF	INGRN	Neugrin OS=Homo sap	100.00	0.00
TRINITY_sp|Q0811	AES	Amino-terminal enha	100.00	0.00
TRINITY_sp|Q0811	AES	Amino-terminal enha	100.00	0.00
TRINITY_sp|Q1651	PKN1	Serine/threonine-pr	100.00	0.00
TRINITY_sp|P1324	pac	Puromycin N-acetylt	100.00	0.00
TRINITY_sp|P3783	TALDO1	Transaldolase OS=Ho	100.00	0.00
TRINITY_sp|P6115	ACTR3	Actin-related prote	100.00	0.00
TRINITY_sp|P5196	UBE2E1	Ubiquitin-conjugati	100.00	0.00
TRINITY_sp|Q9BV5	ADI1	1,2-dihydroxy-3-ket	100.00	0.00
TRINITY_sp|Q9ER5	Ndufa13	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P0952	ANXA4	Annexin A4 OS=Homo	100.00	0.00
TRINITY_sp|Q5BIN	SMARCB1	SWI/SNF-related mat	100.00	0.00
TRINITY_sp|P5278	SMS	Spermine synthase O	100.00	0.00
TRINITY_sp|P0862	SNRNP70	U1 small nuclear ri	100.00	0.00
TRINITY_sp|Q1482	ARPC4	Actin-related prote	100.00	0.00
TRINITY_sp|Q9D6U	Fam162a	Protein FAM162A OS=	100.00	0.00
TRINITY_sp|Q96A2	FAM162A	Protein FAM162A OS=	100.00	0.00
TRINITY_sp|P109C	CLU	Clusterin OS=Homo s	100.00	0.00
TRINITY_sp|Q6CZV	tuf1	Elongation factor T	100.00	0.00
TRINITY_sp|P0993	UCHL1	Ubiquitin carboxyl-	100.00	0.00
TRINITY_sp|P7837	CCT2	T-complex protein 1	100.00	0.00
TRINITY_sp|Q9JM7	Arpc3	Actin-related prote	100.00	0.00
TRINITY_sp|Q56JU	RPS24	40S ribosomal prote	100.00	0.00
TRINITY_sp|P6163	COX7C	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|P1766	Cox7c	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|P9902	Uqcrh	Cytochrome b-cl com	100.00	0.00
TRINITY_sp|P8292	MRPS21	28S ribosomal prote	100.00	0.00
TRINITY_sp|P5099	CCT8	T-complex protein 1	100.00	0.00
TRINITY_sp|P2603	Tln1	Talin-1 OS=Mus musc	100.00	0.00
TRINITY_sp|P2603	Tln1	Talin-1 OS=Mus musc	100.00	0.00

TRINITY_sp|P2133FLNA	Filamin-A OS=Homo s	100.00	0.00
TRINITY_sp|P0673PYGL	Glycogen phosphoryl	100.00	0.00
TRINITY_sp|O3538Phyh	Phytanoyl-CoA dioxy	100.00	0.00
TRINITY_sp|Q9UM1NOL7	Nucleolar protein 7	100.00	0.00
TRINITY_sp|P0731Ckm	Creatine kinase M-t	100.00	0.00
TRINITY_sp|P0731Ckm	Creatine kinase M-t	100.00	0.00
TRINITY_sp|P2969Ahsg	Alpha-2-HS-glycopro	100.00	0.00
TRINITY_sp|P4855PSMD8	26S proteasome non-	100.00	0.00
TRINITY_sp|P1172FN1	Fibronectin (Fragme	100.00	0.00
TRINITY_sp|Q9BR1UQCC2	Ubiquinol-cytochrom	100.00	0.00
TRINITY_sp|P4855PSMD8	26S proteasome non-	100.00	0.00
TRINITY_sp|Q32PFLSM3	U6 snRNA-associated	100.00	0.00
TRINITY_sp|Q8QZ1Acat1	Acetyl-CoA acetyltr	100.00	0.00
TRINITY_sp|Q2M21WDR83OS	Protein Asterix OS=	100.00	0.00
TRINITY_sp|Q7811Usmg5	Up-regulated during	100.00	0.00
TRINITY_sp|P9902Rplp2	60S acidic ribosoma	100.00	0.00
TRINITY_sp|P0538RPLP2	60S acidic ribosoma	100.00	0.00
TRINITY_sp|Q9NZ1CHMP5	Charged multivesicu	100.00	0.00
TRINITY_sp|P4982NDUFV1	NADH dehydrogenase	100.00	0.00
TRINITY_sp|Q9D01Cycl1	Cytochrome c1, heme	100.00	0.00
TRINITY_sp|P2663TARS	Threonine--tRNA lig	100.00	0.00
TRINITY_sp|P2663TARS	Threonine--tRNA lig	100.00	0.00
TRINITY_sp|Q0446IDH2	Isocitrate dehydrog	100.00	0.00
TRINITY_sp|Q9HB1CACYPB	Calcyclin-binding p	100.00	0.00
TRINITY_sp|Q8BM1Hadha	Trifunctional enzym	100.00	0.00
TRINITY_sp|Q9R01Ak1	Adenylate kinase is	100.00	0.00
TRINITY_sp|Q9276HDAC2	Histone deacetylase	100.00	0.00
TRINITY_sp|P2133FLNA	Filamin-A OS=Homo s	100.00	0.00
TRINITY_sp|Q8MJ1FBLN1	Fibulin-1 (Fragment	100.00	0.00
TRINITY_sp|Q1688TXNRD1	Thioredoxin reducta	100.00	0.00
TRINITY_sp|Q1585USF2	Upstream stimulator	100.00	0.00
TRINITY_sp|Q9W61ube2ia	SUMO-conjugating en	100.00	0.00
TRINITY_sp|P115(HSP90AA1	Heat shock protein	100.00	0.00
TRINITY_sp|Q9NX1NDUFB11	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P567(PSMD2	26S proteasome non-	100.00	0.00
TRINITY_sp|P7852PRKDC	DNA-dependent prote	100.00	0.00
TRINITY_sp|Q9Z01Cd97	CD97 antigen OS=Mus	100.00	0.00
TRINITY_sp|P0035ALDH1A1	Retinal dehydrogena	100.00	0.00
TRINITY_sp|Q561URPS24	40S ribosomal prote	100.00	0.00
TRINITY_sp|P6219PSMC5	26S protease regula	100.00	0.00
TRINITY_sp|P519(PGK	Phosphoglycerate ki	100.00	0.00
TRINITY_sp|Q9NX2NHP2	H/ACA ribonucleopro	100.00	0.00
TRINITY_sp|Q4234RPL24A	60S ribosomal prote	100.00	0.00
TRINITY_sp|O7553SF3B1	Splicing factor 3B	100.00	0.00
TRINITY_sp|Q129(LMAN2	Vesicular integral-	100.00	0.00
TRINITY_sp|Q1558TGFBI	Transforming growth	100.00	0.00
TRINITY_sp|Q025(Myh6	Myosin-6 OS=Mus mus	100.00	0.00
TRINITY_sp|Q025(Myh6	Myosin-6 OS=Mus mus	100.00	0.00
TRINITY_sp|Q3T01RPS16	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q8BT1Flna	Filamin-A OS=Mus mu	100.00	0.00
TRINITY_sp|P7021Sepp1	Selenoprotein P OS=	100.00	0.00
TRINITY_sp|P2004EIF2S2	Eukaryotic translat	100.00	0.00
TRINITY_sp|P2004EIF2S2	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q69B1UQCRFS1	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|Q9NPE1NOP10	H/ACA ribonucleopro	100.00	0.00
TRINITY_sp|P6321RPS17	40S ribosomal prote	100.00	0.00

TRINITY_sp|P087(RPS17	40S ribosomal prote	100.00	0.00
TRINITY_sp|P2314CES1	Liver carboxylester	100.00	0.00
TRINITY_sp|Q1JP7ARPC1A	Actin-related prote	100.00	0.00
TRINITY_sp|P0758DCN	Decorin OS=Homo sap	100.00	0.00
TRINITY_sp|P0758DCN	Decorin OS=Homo sap	100.00	0.00
TRINITY_sp|Q9Y31STRAP	Serine-threonine ki	100.00	0.00
TRINITY_sp|P4972PSMB2	Proteasome subunit	100.00	0.00
TRINITY_sp|O3572Cyp4a14	Cytochrome P450 4A1	100.00	0.00
TRINITY_sp|Q1491DRAP1	Dr1-associated core	100.00	0.00
TRINITY_sp|P4606RANGAP1	Ran GTPase-activati	100.00	0.00
TRINITY_sp|A3KN2UBE2M	NEDD8-conjugating e	100.00	0.00
TRINITY_sp|P1172FN1	Fibronectin (Fragme	100.00	0.00
TRINITY_sp|P1172FN1	Fibronectin (Fragme	100.00	0.00
TRINITY_sp|P1798TCP1	T-complex protein 1	100.00	0.00
TRINITY_sp|P190(Krt19	Keratin, type I cyt	100.00	0.00
TRINITY_sp|P0709S100a4	Protein S100-A4 OS=	100.00	0.00
TRINITY_sp|P2644S100A4	Protein S100-A4 OS=	100.00	0.00
TRINITY_sp|P1861NELFE	Negative elongation	100.00	0.00
TRINITY_sp|Q6445Cyp3a11	Cytochrome P450 3A1	100.00	0.00
TRINITY_sp|Q6445Cyp3a11	Cytochrome P450 3A1	100.00	0.00
TRINITY_sp|Q8K0EFgb	Fibrinogen beta cha	100.00	0.00
TRINITY_sp|Q91X7Hpx	Hemopexin OS=Mus mu	100.00	0.00
TRINITY_sp|Q91X7Hpx	Hemopexin OS=Mus mu	100.00	0.00
TRINITY_sp|Q8K0EFgb	Fibrinogen beta cha	100.00	0.00
TRINITY_sp|Q91X7Hpx	Hemopexin OS=Mus mu	100.00	0.00
TRINITY_sp|Q9JH8Cwc15	Spliceosome-associa	100.00	0.00
TRINITY_sp|P0506APP	Amyloid beta A4 pro	100.00	0.00
TRINITY_sp|O3545Ech1	Delta(3,5)-Delta(2,	100.00	0.00
TRINITY_sp|Q9UK7ACIN1	Apoptotic chromatin	100.00	0.00
TRINITY_sp|Q32KM-	Protein C10 OS=Bos	100.00	0.00
TRINITY_sp|Q32KM-	Protein C10 OS=Bos	100.00	0.00
TRINITY_sp|P1807RPL35A	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6786CSNK2B	Casein kinase II su	100.00	0.00
TRINITY_sp|P1492UQCRB	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|Q56J7RPS13	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q56J7RPS13	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q56J7RPS13	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0051PRKAR1A	cAMP-dependent prot	100.00	0.00
TRINITY_sp|A9JR(ppp4cb	Serine/threonine-pr	100.00	0.00
TRINITY_sp|O1495UQCR11	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|P5656EIF6	Eukaryotic translat	100.00	0.00
TRINITY_sp|P4959SARS	Serine--tRNA ligase	100.00	0.00
TRINITY_sp|Q6226Sptbn1	Spectrin beta chain	100.00	0.00
TRINITY_sp|P609(S100A10	Protein S100-A10 OS	100.00	0.00
TRINITY_sp|Q9QX7Egf17	Epidermal growth fa	100.00	0.00
TRINITY_sp|P6231SNRPD3	Small nuclear ribon	100.00	0.00
TRINITY_sp|Q1504KARS	Lysine--tRNA ligase	100.00	0.00
TRINITY_sp|Q3MI(RPL37A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3MI(RPL37A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T14DYNLRB1	Dynein light chain	100.00	0.00
TRINITY_sp|P4677RPL28	60S ribosomal prote	100.00	0.00
TRINITY_sp|P411(Rpl28	60S ribosomal prote	100.00	0.00
TRINITY_sp|P0423H2-Eb1	H-2 class II histoc	100.00	0.00
TRINITY_sp|P5916HTR4	Histone H3.3 OS=Ara	100.00	0.00
TRINITY_sp|Q1RM7CTDNEP1	CTD nuclear envelop	100.00	0.00
TRINITY_sp|P4942Hpd	4-hydroxyphenylpyru	100.00	0.00

TRINITY_sp|Q32L7H2AFV	Histone H2A.V OS=Bo	100.00	0.00
TRINITY_sp|Q56J9RPL31	60S ribosomal prote	100.00	0.00
TRINITY_sp|P9902Prdx5	Peroxiredoxin-5, mi	100.00	0.00
TRINITY_sp|Q1449RBM39	RNA-binding protein	100.00	0.00
TRINITY_sp|Q1449RBM39	RNA-binding protein	100.00	0.00
TRINITY_sp|Q3T0(RPL18A	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6271Rpl18a	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q9R0FAcox1	Peroxisomal acyl-co	100.00	0.00
TRINITY_sp|Q6445Cyp2c29	Cytochrome P450 2C2	100.00	0.00
TRINITY_sp|P091(P4hb	Protein disulfide-i	100.00	0.00
TRINITY_sp|Q9UNESTUB1	E3 ubiquitin-protei	100.00	0.00
TRINITY_sp|O4366PRC1	Protein regulator o	100.00	0.00
TRINITY_sp|P0424Mb	Myoglobin OS=Mus mu	100.00	0.00
TRINITY_sp|O7538NDUFS6	NADH dehydrogenase	100.00	0.00
TRINITY_sp|Q3SZ7SMS	Spermine synthase O	100.00	0.00
TRINITY_sp|Q9Y22C14orf16	UPF0568 protein C14	100.00	0.00
TRINITY_sp|P6226RPS14	40S ribosomal prote	100.00	0.00
TRINITY_sp|O1556RGS5	Regulator of G-prot	100.00	0.00
TRINITY_sp|P0A91cspC	Cold shock-like pro	100.00	0.00
TRINITY_sp|Q9UM9NENF	Neudesin OS=Homo sa	100.00	0.00
TRINITY_sp|P5514MANF	Mesencephalic astro	100.00	0.00
TRINITY_sp|Q0821DHX9	ATP-dependent RNA h	100.00	0.00
TRINITY_sp|Q3ZB1VCP	Transitional endopl	100.00	0.00
TRINITY_sp|Q1409CCNI	Cyclin-I OS=Homo sa	100.00	0.00
TRINITY_sp|Q9DCVetfb	Electron transfer f	100.00	0.00
TRINITY_sp|P6003CD81	CD81 antigen OS=Hom	100.00	0.00
TRINITY_sp|P5259HNRNPF	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q9UB1RNF7	RING-box protein 2	100.00	0.00
TRINITY_sp|Q9BR(VPS25	Vacuolar protein-so	100.00	0.00
TRINITY_sp|Q1RMRHOC	Rho-related GTP-bin	100.00	0.00
TRINITY_sp|Q3T03PSMC4	26S protease regula	100.00	0.00
TRINITY_sp|A4FU1SNRPE	Small nuclear ribon	100.00	0.00
TRINITY_sp|P6128NEDD8	NEDD8 OS=Bos taurus	100.00	0.00
TRINITY_sp|Q32P7POLR2J	DNA-directed RNA po	100.00	0.00
TRINITY_sp|Q0108TIAL1	Nucleolysin TIAR OS	100.00	0.00
TRINITY_sp|Q2KIVPSMC6	26S protease regula	100.00	0.00
TRINITY_sp|Q91WINdufs2	NADH dehydrogenase	100.00	0.00
TRINITY_sp|Q3T05RPL39	60S ribosomal prote	100.00	0.00
TRINITY_sp|P4787Igfbp4	Insulin-like growth	100.00	0.00
TRINITY_sp|P2161Gc	Vitamin D-binding p	100.00	0.00
TRINITY_sp|P2917CSDE1	Cold shock domain-c	100.00	0.00
TRINITY_sp|P052(Got2	Aspartate aminotran	100.00	0.00
TRINITY_sp|P052(Got2	Aspartate aminotran	100.00	0.00
TRINITY_sp|Q6243NdrG1	Protein NDRG1 OS=Mu	100.00	0.00
TRINITY_sp|Q1326TRIM28	Transcription inter	100.00	0.00
TRINITY_sp|P1463CCNB1	G2/mitotic-specific	100.00	0.00
TRINITY_sp|P5054S100a11	Protein S100-A11 OS	100.00	0.00
TRINITY_sp|P3194S100A11	Protein S100-A11 OS	100.00	0.00
TRINITY_sp|P3193ATIC	Bifunctional purine	100.00	0.00
TRINITY_sp|P6287GNB1	Guanine nucleotide-	100.00	0.00
TRINITY_sp|P5361COPB1	Coatomer subunit be	100.00	0.00
TRINITY_sp|Q1401CIRBP	Cold-inducible RNA-	100.00	0.00
TRINITY_sp|P0555ITGB1	Integrin beta-1 OS=	100.00	0.00
TRINITY_sp|P8408ARF5	ADP-ribosylation fa	100.00	0.00
TRINITY_sp|Q9H61RNF167	E3 ubiquitin-protei	100.00	0.00
TRINITY_sp|P0733CTSD	Cathepsin D OS=Homo	100.00	0.00

TRINITY_sp|Q2VIFEIF2S3L	Putative eukaryotic	100.00	0.00
TRINITY_sp|P1486HNRNPL	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q3ZBFRPS20	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T0MVPS29	Vacuolar protein so	100.00	0.00
TRINITY_sp|Q8WUVBRK1	Protein BRICK1 OS=H	100.00	0.00
TRINITY_sp|Q5E9FRPL10A	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6284RPS15	40S ribosomal prote	100.00	0.00
TRINITY_sp|P6284RPS15	40S ribosomal prote	100.00	0.00
TRINITY_sp|O003(EIF3F	Eukaryotic translat	100.00	0.00
TRINITY_sp|P6122RAP1B	Ras-related protein	100.00	0.00
TRINITY_sp|Q6444Cox8a	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|Q9NZ6MTCH1	Mitochondrial carri	100.00	0.00
TRINITY_sp|Q9NZ6MTCH1	Mitochondrial carri	100.00	0.00
TRINITY_sp|O7025Eef1b	Elongation factor 1	100.00	0.00
TRINITY_sp|P2453EEF1B2	Elongation factor 1	100.00	0.00
TRINITY_sp|Q99LCEtfa	Electron transfer f	100.00	0.00
TRINITY_sp|O4392NDUFS5	NADH dehydrogenase	100.00	0.00
TRINITY_sp|Q56JURPS24	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q928CTAF15	TATA-binding protei	100.00	0.00
TRINITY_sp|Q945I-	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q1RME5SNX3	Sorting nexin-3 OS=	100.00	0.00
TRINITY_sp|Q9Y67AUP1	Ancient ubiquitous	100.00	0.00
TRINITY_sp|Q9H63RNF167	E3 ubiquitin-protei	100.00	0.00
TRINITY_sp|P5227HNRNPM	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q96K7CLPTM1L	Cleft lip and palat	100.00	0.00
TRINITY_sp|O5502Copb2	Coatomer subunit be	100.00	0.00
TRINITY_sp|Q9Y63NPTN	Neuroplastin OS=Hom	100.00	0.00
TRINITY_sp|Q8VCF6Acaalb	3-ketoacyl-CoA thio	100.00	0.00
TRINITY_sp|Q9211Acaala	3-ketoacyl-CoA thio	100.00	0.00
TRINITY_sp|P5638Atp5e	ATP synthase subuni	100.00	0.00
TRINITY_sp|Q3ZBICKMT2	Creatine kinase S-t	100.00	0.00
TRINITY_sp|P5075Tnnt2	Troponin T, cardiac	100.00	0.00
TRINITY_sp|Q9D71Mrp130	39S ribosomal prote	100.00	0.00
TRINITY_sp|P1186CDK4	Cyclin-dependent ki	100.00	0.00
TRINITY_sp|P0324-	E1B protein, small	100.00	0.00
TRINITY_sp|P0324-	E1B 55 kDa protein	100.00	0.00
TRINITY_sp|Q8R1FHopx	Homeodomain-only pr	100.00	0.00
TRINITY_sp|P4587VDAC1	Voltage-dependent a	100.00	0.00
TRINITY_sp|Q9UNISSR3	Translocon-associat	100.00	0.00
TRINITY_sp|Q3SZ8SSR3	Translocon-associat	100.00	0.00
TRINITY_sp|P492(RPL34	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q9D1FRpl34	60S ribosomal prote	100.00	0.00
TRINITY_sp|P2636U2AF2	Splicing factor U2A	100.00	0.00
TRINITY_sp|P1709Hmga1	High mobility group	100.00	0.00
TRINITY_sp|P5256ARHGDISA	Rho GDP-dissociatio	100.00	0.00
TRINITY_sp|Q3T02SNRPF	Small nuclear ribon	100.00	0.00
TRINITY_sp|Q8621RPL24	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q8621RPL24	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1562Gstm2	Glutathione S-trans	100.00	0.00
TRINITY_sp|Q3T07PSMA1	Proteasome subunit	100.00	0.00
TRINITY_sp|P2454Aldh1a1	Retinal dehydrogena	100.00	0.00
TRINITY_sp|P2454Aldh1a1	Retinal dehydrogena	100.00	0.00
TRINITY_sp|Q9UNINPIPA1	Nuclear pore comple	100.00	0.00
TRINITY_sp|P5117Acadl	Long-chain specific	100.00	0.00
TRINITY_sp|P5117Acadl	Long-chain specific	100.00	0.00
TRINITY_sp|P5117Acadl	Long-chain specific	100.00	0.00

TRINITY_sp|P0256ASL1	Delta-1 crystallin	100.00	0.00
TRINITY_sp|P1060Ctsb	Cathepsin B OS=Mus	100.00	0.00
TRINITY_sp|Q56K1RPLP1	60S acidic ribosoma	100.00	0.00
TRINITY_sp|Q9D60Ndufv2	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P6177B2M	Beta-2-microglobuli	100.00	0.00
TRINITY_sp|P3526RPL22	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q4R51RPL22	60S ribosomal prote	100.00	0.00
TRINITY_sp|O6265DES	Desmin OS=Bos tauru	100.00	0.00
TRINITY_sp|Q9CZUCs	Citrate synthase, m	100.00	0.00
TRINITY_sp|P5166Myl2	Myosin regulatory 1	100.00	0.00
TRINITY_sp|P6135RPL27	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6135RPL27	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1884ATF4	Cyclic AMP-dependen	100.00	0.00
TRINITY_sp|P6135RPL27	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q0256Myh6	Myosin-6 OS=Mus mus	100.00	0.00
TRINITY_sp|Q2KJ9CDC42	Cell division contr	100.00	0.00
TRINITY_sp|Q16Y0Cdc42	Cdc42 homolog OS=Ae	100.00	0.00
TRINITY_sp|O8866Psmc3	26S protease regula	100.00	0.00
TRINITY_sp|P4125IARS	Isoleucine--tRNA li	100.00	0.00
TRINITY_sp|P5639Cyb5a	Cytochrome b5 OS=MU	100.00	0.00
TRINITY_sp|P2067COX5A	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|Q3ZC6PAIP2	Polyadenylate-bindi	100.00	0.00
TRINITY_sp|P0875Gnai2	Guanine nucleotide-	100.00	0.00
TRINITY_sp|Q3T0FRPS10	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q99P7Rtn4	Reticulon-4 OS=Mus	100.00	0.00
TRINITY_sp|P5141Rpl9	60S ribosomal prote	100.00	0.00
TRINITY_sp|P3296RPL9	60S ribosomal prote	100.00	0.00
TRINITY_sp|P3193UQCRC1	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|P3193UQCRC1	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|O8845Capns1	Calpain small subun	100.00	0.00
TRINITY_sp|Q3ZC1SKP1	S-phase kinase-asso	100.00	0.00
TRINITY_sp|P2769APEX1	DNA-(apurinic or ap	100.00	0.00
TRINITY_sp|Q9UN9RPL26L1	60S ribosomal prote	100.00	0.00
TRINITY_sp|P2136FLNA	Filamin-A OS=Homo s	100.00	0.00
TRINITY_sp|P2239NME2	Nucleoside diphosph	100.00	0.00
TRINITY_sp|P0670S100A6	Protein S100-A6 OS=	100.00	0.00
TRINITY_sp|Q3T05RPL23	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T05RPL23	60S ribosomal prote	100.00	0.00
TRINITY_sp|P3211PRDX2	Peroxiredoxin-2 OS=	100.00	0.00
TRINITY_sp|P4677RPL21	60S ribosomal prote	100.00	0.00
TRINITY_sp|O4366PRC1	Protein regulator o	100.00	0.00
TRINITY_sp|O4385CALU	Calumenin OS=Homo s	100.00	0.00
TRINITY_sp|P0484RPN2	Dolichyl-diphosphoo	100.00	0.00
TRINITY_sp|P0484RPN2	Dolichyl-diphosphoo	100.00	0.00
TRINITY_sp|Q3T05RPL23	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T05RPL23	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q2KI1TCEB1	Transcription elong	100.00	0.00
TRINITY_sp|P6125RPL26	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6125RPL26	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6125RPL26	60S ribosomal prote	100.00	0.00
TRINITY_sp|P2636U2AF2	Splicing factor U2A	100.00	0.00
TRINITY_sp|Q3T0FRPS18	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T0FRPS18	40S ribosomal prote	100.00	0.00
TRINITY_sp|P3639ARF1	ADP-ribosylation fa	100.00	0.00
TRINITY_sp|P1808ARF4	ADP-ribosylation fa	100.00	0.00
TRINITY_sp|Q3T05RAN	GTP-binding nuclear	100.00	0.00

TRINITY_sp|Q2418RpS5a	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q5E98RPS5	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0578KRT8	Keratin, type II cy	100.00	0.00
TRINITY_sp|P6066MYL6	Myosin light polype	100.00	0.00
TRINITY_sp|Q1515NOMO1	Nodal modulator 1 O	100.00	0.00
TRINITY_sp|P6128PPP1CC	Serine/threonine-pr	100.00	0.00
TRINITY_sp|P6213Ppp1ca	Serine/threonine-pr	100.00	0.00
TRINITY_sp|P0C08H2AFZ	Histone H2A.Z OS=Bo	100.00	0.00
TRINITY_sp|Q27IIgag	Gag polyprotein OS=	100.00	0.00
TRINITY_sp|P0335gag-pol	Gag-Pol polyprotein	100.00	0.00
TRINITY_sp|Q9699RPL36AL	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3SZ5RPL36A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3ZCFEIF3L	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q3SZ5RPL36A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3ZCFACTN2	Alpha-actinin-2 OS=	100.00	0.00
TRINITY_sp|O4370ACTN4	Alpha-actinin-4 OS=	100.00	0.00
TRINITY_sp|A5D7IACFN4	Alpha-actinin-4 OS=	100.00	0.00
TRINITY_sp|Q0184EWSR1	RNA-binding protein	100.00	0.00
TRINITY_sp|Q3T10SEC61G	Protein transport p	100.00	0.00
TRINITY_sp|P6242RPL7A	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1297Rpl7a	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1611Lgals3	Galectin-3 OS=Mus m	100.00	0.00
TRINITY_sp|Q9Y30RPL36	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3SZ6PGAM1	Phosphoglycerate mu	100.00	0.00
TRINITY_sp|Q9Y30RPL36	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T01RPL30	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T01RPL30	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3MH1UBE2L3	Ubiquitin-conjugati	100.00	0.00
TRINITY_sp|Q5E93EIF1	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q9CP9Atp51	ATP synthase subuni	100.00	0.00
TRINITY_sp|Q2NK2CCT7	T-complex protein 1	100.00	0.00
TRINITY_sp|Q6120Psap	Prosaposin OS=Mus m	100.00	0.00
TRINITY_sp|Q3MH1ARPC2	Actin-related prote	100.00	0.00
TRINITY_sp|Q9Y26NUDC	Nuclear migration p	100.00	0.00
TRINITY_sp|Q9Z21Mbd2	Methyl-CpG-binding	100.00	0.00
TRINITY_sp|Q0683PRDX1	Peroxiredoxin-1 OS=	100.00	0.00
TRINITY_sp|P0102C3	Complement C3 OS=Mu	100.00	0.00
TRINITY_sp|Q0631Scgbla1	Uteroglobulin OS=Mus	100.00	0.00
TRINITY_sp|P0102C3	Complement C3 OS=Mu	100.00	0
TRINITY_sp|E9PV2Fga	Fibrinogen alpha ch	100.00	0.00
TRINITY_sp|Q6164Hp	Haptoglobin OS=Mus	100.00	0.00
TRINITY_sp|P0775Serpina3	Serine protease inh	100.00	0.00
TRINITY_sp|Q0702RPL18	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q0062Apoa1	Apolipoprotein A-I	100.00	0.00
TRINITY_sp|P0772Alb	Serum albumin OS=Mu	100.00	0
TRINITY_sp|Q8VCMFgg	Fibrinogen gamma ch	100.00	0.00
TRINITY_sp|P0775Serpina3	Serine protease inh	100.00	0.00
TRINITY_sp|P0822ApoE	Apolipoprotein E OS	100.00	0.00
TRINITY_sp|P3598Rpl18	60S ribosomal prote	100.00	0.00
TRINITY_sp|P0208Hbb-b1	Hemoglobin subunit	100.00	0.00
TRINITY_sp|P5199HNRNPA3	Heterogeneous nucle	100.00	0.00
TRINITY_sp|P7924RPL37	60S ribosomal prote	100.00	0.00
TRINITY_sp|P3902RPL3	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q05A1eif3e-a	Eukaryotic translat	100.00	0.00
TRINITY_sp|P7924RPL37	60S ribosomal prote	100.00	0.00
TRINITY_sp|P0536Saa1	Serum amyloid A-1 p	100.00	0.00

TRINITY_sp|P0491Saa3	Serum amyloid A-3 p	100.00	0.00
TRINITY_sp|Q3SZ6LAMTOR5	Ragulator complex p	100.00	0.00
TRINITY_sp|P6101Pln	Cardiac phospholamb	100.00	0.00
TRINITY_sp|O5514Atp2a2	Sarcoplasmic/endopl	100.00	0
TRINITY_sp|E2RK7RPL32	60S ribosomal prote	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|P482(ATP5G3	ATP synthase F(0) c	100.00	0.00
TRINITY_sp|P2133FLNA	Filamin-A OS=Homo s	100.00	0.00
TRINITY_sp|P2352CFL1	Cofilin-1 OS=Homo s	100.00	0.00
TRINITY_sp|P1876Cfl1	Cofilin-1 OS=Mus mu	100.00	0.00
TRINITY_sp|P6107UBE2D3	Ubiquitin-conjugati	100.00	0.00
TRINITY_sp|P1092Spp1	Osteopontin OS=Mus	100.00	0.00
TRINITY_sp|P1092Spp1	Osteopontin OS=Mus	100.00	0.00
TRINITY_sp|Q0133ApoH	Beta-2-glycoprotein	100.00	0.00
TRINITY_sp|Q4296-	Phosphoglycerate ki	100.00	0.00
TRINITY_sp|P5638ATP5E	ATP synthase subuni	100.00	0.00
TRINITY_sp|Q5EAI RPL15	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q2NKVBLOC1S1	Biogenesis of lysos	100.00	0.00
TRINITY_sp|P3657RPL4	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6317DYNL1	Dynein light chain	100.00	0.00
TRINITY_sp|Q3T16RPS3	40S ribosomal prote	100.00	0.00
TRINITY_sp|E2RH4RPS3	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0189HLA-A	HLA class I histoco	100.00	0.00
TRINITY_sp|Q76N2RPS4X	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q76N2RPS4X	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q32PEEF1A2	Elongation factor 1	100.00	0.00
TRINITY_sp|P2952-	Elongation factor 1	100.00	0.00
TRINITY_sp|P1588RPS2	40S ribosomal prote	100.00	0.00
TRINITY_sp|P1136gag	Retrovirus-related	100.00	0.00
TRINITY_sp|P2544Rps2	40S ribosomal prote	100.00	0.00
TRINITY_sp|P1136gag	Retrovirus-related	100.00	0.00
TRINITY_sp|P1289-	Probable Pol polypr	100.00	0.00
TRINITY_sp|P0397Iap	IgE-binding protein	100.00	0.00
TRINITY_sp|P5648Atp5b	ATP synthase subuni	100.00	0.00
TRINITY_sp|O7534TBCA	Tubulin-specific ch	100.00	0.00
TRINITY_sp|P6293PPIA	Peptidyl-prolyl cis	100.00	0.00
TRINITY_sp|P1774Ppia	Peptidyl-prolyl cis	100.00	0.00
TRINITY_sp|P5347-	Actin, cytoplasmic	100.00	0.00
TRINITY_sp|P5350-	Actin, cytoplasmic	100.00	0.00
TRINITY_sp|A5D7IACTN4	Alpha-actinin-4 OS=	100.00	0.00
TRINITY_sp|P1363EEF2	Elongation factor 2	100.00	0
TRINITY_sp|P0514SLC25A5	ADP/ATP translocase	100.00	0.00
TRINITY_sp|P1411Rpl27a	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1462HSP90B1	Endoplasmin OS=Homo	100.00	0.00
TRINITY_sp|P4677RPL27A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T0VRPL19	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T0VRPL19	60S ribosomal prote	100.00	0.00
TRINITY_sp|P4677RPL5	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q9R0IEsd	S-formylglutathione	100.00	0.00
TRINITY_sp|P2763RPL10	60S ribosomal prote	100.00	0.00
TRINITY_sp|P3104SDHA	Succinate dehydroge	100.00	0.00
TRINITY_sp|Q8K2ESdha	Succinate dehydroge	100.00	0.00
TRINITY_sp|O1473PCDC5	Programmed cell dea	100.00	0.00
TRINITY_sp|Q8K2ESdha	Succinate dehydroge	100.00	0.00
TRINITY_sp|P0044SOD1	Superoxide dismutas	100.00	0.00
TRINITY_sp|P8417RPS12	40S ribosomal prote	100.00	0.00

TRINITY_sp|P1978Cox4i1	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|Q76I8RPS12	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0407ALDOA	Fructose-bisphospha	100.00	0.00
TRINITY_sp|P0822Sod1	Superoxide dismutas	100.00	0.00
TRINITY_sp|Q76I8RPS12	40S ribosomal prote	100.00	0.00
TRINITY_sp|P1167Lcn2	Neutrophil gelatina	100.00	0.00
TRINITY_sp|P115(HSP90AA1	Heat shock protein	100.00	0.00
TRINITY_sp|P0CG7ubi4	Polyubiquitin OS=Sc	100.00	0.00
TRINITY_sp|P5488Hmgcs2	Hydroxymethylglutar	100.00	0.00
TRINITY_sp|P682(crps27a	Ubiquitin-40S ribos	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|Q1657RBBP7	Histone-binding pro	100.00	0.00
TRINITY_sp|P0785CTSB	Cathepsin B OS=Homo	100.00	0.00
TRINITY_sp|P1295XRCC6	X-ray repair cross-	100.00	0.00
TRINITY_sp|P0735Anxa2	Annexin A2 OS=Mus m	100.00	0.00
TRINITY_sp|P0735ANXA2	Annexin A2 OS=Homo	100.00	0.00
TRINITY_sp|Q3SZ1YWHAQ	14-3-3 protein thet	100.00	0.00
TRINITY_sp|P1295XRCC6	X-ray repair cross-	100.00	0.00
TRINITY_sp|Q3T08RPS16	40S ribosomal prote	100.00	0.00
TRINITY_sp|P8404His4	Histone H4 OS=Acrol	100.00	0.00
TRINITY_sp|P0822-	Chlorophyll a-b bin	100.00	0.00
TRINITY_sp|P1232CAB1	Chlorophyll a-b bin	100.00	0.00
TRINITY_sp|A2XJ3OsI_012(	Chlorophyll a-b bin	100.00	0.00
TRINITY_sp|Q3719rbcL	Ribulose bisphospha	100.00	0.00
TRINITY_sp|Q0095BEX3	Protein BEX3 OS=Hom	100.00	0.00
TRINITY_sp|P5927RPS27AA	Ubiquitin-40S ribos	100.00	0.00
TRINITY_sp|P0C22crp-79	Ubiquitin-60S ribos	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|Q0605ATP5G2	ATP synthase F(0) c	100.00	0.00
TRINITY_sp|Q9CR8Atp5g1	ATP synthase F(0) c	100.00	0.00
TRINITY_sp|P6158RHOA	Transforming protei	100.00	0.00
TRINITY_sp|Q9H18NUCKS1	Nuclear ubiquitous	100.00	0.00
TRINITY_sp|Q5E91H3F3A	Histone H3.3 OS=Bos	100.00	0.00
TRINITY_sp|P5095CCT4	T-complex protein 1	100.00	0.00
TRINITY_sp|O0062CYR61	Protein CYR61 OS=Ho	100.00	0.00
TRINITY_sp|Q1432FAM50A	Protein FAM50A OS=H	100.00	0.00
TRINITY_sp|P101(HMGB1	High mobility group	100.00	0.00
TRINITY_sp|P0714-	Catalase OS=Ipomoea	100.00	0.00
TRINITY_sp|P5023CRIP1	Cysteine-rich prote	100.00	0.00
TRINITY_sp|P0275FTL	Ferritin light chai	100.00	0.00
TRINITY_sp|P4093Inmt	Indolethylamine N-m	100.00	0.00
TRINITY_sp|P3554FAU	Ubiquitin-like prot	100.00	0.00
TRINITY_sp|P2777Pdia3	Protein disulfide-i	100.00	0.00
TRINITY_sp|P3554Fau	Ubiquitin-like prot	100.00	0.00
TRINITY_sp|Q8JG6PDIA3	Protein disulfide-i	100.00	0.00
TRINITY_sp|P2777Pdia3	Protein disulfide-i	100.00	0.00
TRINITY_sp|Q9055HSPA5	78 kDa glucose-regu	100.00	0.00
TRINITY_sp|P1912HSPA8	Heat shock cognate	100.00	0.00
TRINITY_sp|P2002Hspa5	78 kDa glucose-regu	100.00	0.00
TRINITY_sp|Q0VC8HSPA5	78 kDa glucose-regu	100.00	0.00
TRINITY_sp|P1207COX6A1	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|P1369TPT1	Translationally-con	100.00	0.00
TRINITY_sp|P6302Tpt1	Translationally-con	100.00	0.00

TRINITY_sp|P0245COL1A1	Collagen alpha-1(I)	100.00	0.00
TRINITY_sp|P5089RPSA	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q96C9PPP1R14F	Protein phosphatase	100.00	0.00
TRINITY_sp|P1420Rpsa	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q4QY7rpsa	40S ribosomal prote	100.00	0.00
TRINITY_sp|P1198Tcp1	T-complex protein 1	100.00	0.00
TRINITY_sp|P0940Ncl	Nucleolin OS=Mus mu	100.00	0.00
TRINITY_sp|P6298Rps27a	Ubiquitin-40S ribos	100.00	0.00
TRINITY_sp|P0CG8UBI11	Polyubiquitin OS=Ni	100.00	0.00
TRINITY_sp|P6299RPS27A	Ubiquitin-40S ribos	100.00	0.00
TRINITY_sp|A2Q02HSPA8	Heat shock cognate	100.00	0.00
TRINITY_sp|P1937HSPA8	Heat shock cognate	100.00	0.00
TRINITY_sp|P3597Rp112	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6128RPL12	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1784DDX5	Probable ATP-depend	100.00	0.00
TRINITY_sp|Q95L4EIF4G2	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q95L4EIF4G2	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q95L4EIF4G2	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q95L4EIF4G2	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q6244Eif4g2	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q95L4EIF4G2	Eukaryotic translat	100.00	0.00
TRINITY_sp|P5927RPS27AA	Ubiquitin-40S ribos	100.00	0.00
TRINITY_sp|Q8VC1Ces1d	Carboxylesterase 1D	100.00	0.00
TRINITY_sp|Q5DU5Nlrc3	Protein NLRC3 OS=M	100.00	0.00
TRINITY_sp|P0807Cbr2	Carbonyl reductase	100.00	0.00
TRINITY_sp|P2039-	Actin, alpha cardia	100.00	0.00
TRINITY_sp|Q3ZC0ACTC1	Actin, alpha cardia	100.00	0.00
TRINITY_sp|P0103CST3	Cystatin-C OS=Homo	100.00	0.00
TRINITY_sp|P6273ACTA2	Actin, aortic smoot	100.00	0.00
TRINITY_sp|P1271Fabp1	Fatty acid-binding	100.00	0.00
TRINITY_sp|Q0072Rbp4	Retinol-binding pro	100.00	0.00
TRINITY_sp|P5114RAB7A	Ras-related protein	100.00	0.00
TRINITY_sp|P2358EIF4B	Eukaryotic translat	100.00	0.00
TRINITY_sp|P0867VIM	Vimentin OS=Homo sa	100.00	0.00
TRINITY_sp|Q9CR5Rp114	60S ribosomal prote	100.00	0.00
TRINITY_sp|P0986HNRNPA1	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q2KH7RPS27	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q9699ERGIC1	Endoplasmic reticul	100.00	0.00
TRINITY_sp|P1933NCL	Nucleolin OS=Homo s	100.00	0.00
TRINITY_sp|Q9BQ6C19orf43	Uncharacterized pro	100.00	0.00
TRINITY_sp|A1A4FU2AF1	Splicing factor U2A	100.00	0.00
TRINITY_sp|Q1503SNX17	Sorting nexin-17 OS	100.00	0.00
TRINITY_sp|P1383Rlc-a	Myosin regulatory 1	100.00	0.00
TRINITY_sp|P2403-	Myosin regulatory 1	100.00	0.00
TRINITY_sp|P0086Odc1	Ornithine decarboxy	100.00	0.00
TRINITY_sp|P9735Rps3a	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q56JV RPS3A	40S ribosomal prote	100.00	0.00
TRINITY_sp|P6017TPI1	Triosephosphate iso	100.00	0.00
TRINITY_sp|Q9CQ6Uqcrq	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|P1354eef1as	Elongation factor 1	100.00	0.00
TRINITY_sp|P1354eef1as	Elongation factor 1	100.00	0.00
TRINITY_sp|P2155Eno3	Beta-enolase OS=Mus	100.00	0.00
TRINITY_sp|Q9CQ6Uqcrq	Cytochrome b-c1 com	100.00	0.00
TRINITY_sp|Q1497KPNB1	Importin subunit be	100.00	0.00
TRINITY_sp|P6287RBX1	E3 ubiquitin-protei	100.00	0.00
TRINITY_sp|Q6242Ndufa4	Cytochrome c oxidas	100.00	0.00

TRINITY_sp|P1812RPL7	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q2HJ6HNRNPA2E	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q1654CDC37	Hsp90 co-chaperone	100.00	0.00
TRINITY_sp|P1414Rpl7	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q2KJ1CKS2	Cyclin-dependent ki	100.00	0.00
TRINITY_sp|P0941Pgk1	Phosphoglycerate ki	100.00	0.00
TRINITY_sp|Q9211Tf	Serotransferrin OS=	100.00	0.00
TRINITY_sp|Q9211Tf	Serotransferrin OS=	100.00	0.00
TRINITY_sp|Q9211Tf	Serotransferrin OS=	100.00	0.00
TRINITY_sp|Q1334EIF3I	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q5E96EIF3I	Eukaryotic translat	100.00	0.00
TRINITY_sp|P0033LDHA	L-lactate dehydroge	100.00	0.00
TRINITY_sp|Q3T08RPL8	60S ribosomal prote	100.00	0.00
TRINITY_sp|P0613UROD	Uroporphyrinogen de	100.00	0.00
TRINITY_sp|Q3T08RPL8	60S ribosomal prote	100.00	0.00
TRINITY_sp|P7008H4-VIII	Histone H4 type VII	100.00	0.00
TRINITY_sp|P7008H4-VIII	Histone H4 type VII	100.00	0.00
TRINITY_sp|P7008H4-VIII	Histone H4 type VII	100.00	0.00
TRINITY_sp|Q3T08RPS11	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T08RPS11	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q32P8EEF1A2	Elongation factor 1	100.00	0.00
TRINITY_sp|P1868HSPD1	60 kDa heat shock p	100.00	0.00
TRINITY_sp|P6810EEF1A1	Elongation factor 1	100.00	0.00
TRINITY_sp|Q9088EEF1A	Elongation factor 1	100.00	0.00
TRINITY_sp|P0773PFN1	Profilin-1 OS=Homo	100.00	0.00
TRINITY_sp|O0054PES1	Pescadillo homolog	100.00	0.00
TRINITY_sp|P1512AKR1B1	Aldose reductase OS	100.00	0.00
TRINITY_sp|P0183-	Ig kappa chain C re	100.00	0.00
TRINITY_sp|Q76I8RPS15A	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q76I8RPS15A	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0538RPLP0	60S acidic ribosoma	100.00	0.00
TRINITY_sp|Q3S25EIF4A1	Eukaryotic initiati	100.00	0.00
TRINITY_sp|P6325ACTG1	Actin, cytoplasmic	100.00	0.00
TRINITY_sp|Q3T12EIF3D	Eukaryotic translat	100.00	0.00
TRINITY_sp|P8194-	Tubulin alpha-1B ch	100.00	0.00
TRINITY_sp|Q9Y28POLR1D	DNA-directed RNA po	100.00	0.00
TRINITY_sp|P8194-	Tubulin alpha-1B ch	100.00	0.00
TRINITY_sp|P6310YWHAZ	14-3-3 protein zeta	100.00	0.00
TRINITY_sp|Q3S28SNRPD2	Small nuclear ribon	100.00	0.00
TRINITY_sp|Q9D37Ephx1	Epoxide hydrolase 1	100.00	0.00
TRINITY_sp|P0C61OST4	Dolichyl-diphosphoo	100.00	0.00
TRINITY_sp|Q76L8HSP90AB1	Heat shock protein	100.00	0.00
TRINITY_sp|Q8VDMAtpla1	Sodium/potassium-tr	100.00	0.00
TRINITY_sp|P0502ATP1A1	Sodium/potassium-tr	100.00	0.00
TRINITY_sp|P0502ATP1A1	Sodium/potassium-tr	100.00	0.00
TRINITY_sp|P1517GSPT1	Eukaryotic peptide	100.00	0.00
TRINITY_sp|Q0606YBX1	Nuclease-sensitive	100.00	0.00
TRINITY_sp|P6786YBX1	Nuclease-sensitive	100.00	0.00
TRINITY_sp|Q9M68SAMDC	S-adenosylmethionin	100.00	0.00
TRINITY_sp|P1685Gapdh	Glyceraldehyde-3-ph	100.00	0.00
TRINITY_sp|P0952Fth1	Ferritin heavy chai	100.00	0.00
TRINITY_sp|P0826FTH	Ferritin heavy chai	100.00	0.00
TRINITY_sp|P0279FTH1	Ferritin heavy chai	100.00	0.00
TRINITY_sp|P0446GAPDH	Glyceraldehyde-3-ph	100.00	0.00
TRINITY_sp|P0890Lyz2	Lysozyme C-2 OS=Mus	100.00	0.00
TRINITY_sp|P0DN3Ndufb1	NADH dehydrogenase	100.00	0.00

TRINITY_sp|P0035	GAPDH	Glyceraldehyde-3-ph	100.00	0.00
TRINITY_sp|P192	(hsp-3	Heat shock 70 kDa p	100.00	0.00
TRINITY_sp|P0645	PTMA	Prothymosin alpha O	100.00	0.00
TRINITY_sp|P5045	SERPINH1	Serpin H1 OS=Homo s	100.00	0.00
TRINITY_sp|Q0165	SLC7A5	Large neutral amino	100.00	0.00
TRINITY_sp|Q1324	SRSF5	Serine/arginine-ric	100.00	0.00
TRINITY_sp|P5114	RAB5C	Ras-related protein	100.00	0.00
TRINITY_sp|P5114	RAB5C	Ras-related protein	100.00	0.00
TRINITY_sp|P1765	CAPN2	Calpain-2 catalytic	100.00	0.00
TRINITY_sp|A6H76	RPS7	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q8IV	(MT-RNR2	Humanin OS=Homo sap	100.00	0.00
TRINITY_sp|A6H76	RPS7	40S ribosomal prote	100.00	0.00
TRINITY_sp|P6195	SUMO2	Small ubiquitin-rel	100.00	0.00
TRINITY_sp|Q1508	PDIA6	Protein disulfide-i	100.00	0.00
TRINITY_sp|Q9CX2	Ndufs4	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P0245	COL1A1	Collagen alpha-1(I)	100.00	0.00
TRINITY_sp|P4024	Cd9	CD9 antigen OS=Mus	100.00	0.00
TRINITY_sp|Q3T13	TMED9	Transmembrane emp24	100.00	0.00
TRINITY_sp|Q9CQ7	Sdhb	Succinate dehydroge	100.00	0.00
TRINITY_sp|Q9CQ7	Sdhb	Succinate dehydroge	100.00	0.00
TRINITY_sp|Q8JF	EIF4A2	Eukaryotic initiati	100.00	0.00
TRINITY_sp|Q3SZ6	EIF4A2	Eukaryotic initiati	100.00	0.00
TRINITY_sp|P3974	FEN1	Flap endonuclease 1	100.00	0.00
TRINITY_sp|P4791	Rpl6	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q66P	ARL6IP4	ADP-ribosylation fa	100.00	0.00
TRINITY_sp|O7762	JUN	Transcription facto	100.00	0.00
TRINITY_sp|P1281	ACTN1	Alpha-actinin-1 OS=	100.00	0.00
TRINITY_sp|P9737	Psmc1	Proteasome activato	100.00	0.00
TRINITY_sp|Q3V55	psbA	Photosystem II prot	100.00	0.00
TRINITY_sp|Q3V55	psbA	Photosystem II prot	100.00	0.00
TRINITY_sp|P114	(Fabp3	Fatty acid-binding	100.00	0.00
TRINITY_sp|Q6EW	(EIF5A	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q3ZC1	SNRPD1	Small nuclear ribon	100.00	0.00
TRINITY_sp|P4537	Akr1b1	Aldose reductase OS	100.00	0.00
TRINITY_sp|P0555	ITGB1	Integrin beta-1 OS=	100.00	0.00
TRINITY_sp|O9755	GDI1	Rab GDP dissociatio	100.00	0.00
TRINITY_sp|P1321	SPARC	SPARC OS=Bos taurus	100.00	0.00
TRINITY_sp|O0438	TUBB	Tubulin beta chain	100.00	0.00
TRINITY_sp|P1791	Pcna	Proliferating cell	100.00	0.00
TRINITY_sp|P2637	RPL13	60S ribosomal prote	100.00	0.00
TRINITY_sp|P1604	Lgals1	Galectin-1 OS=Mus m	100.00	0.00
TRINITY_sp|P0938	LGALS1	Galectin-1 OS=Homo	100.00	0.00
TRINITY_sp|P6128	PABPC1	Polyadenylate-bindi	100.00	0.00
TRINITY_sp|P2637	RPL13	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q4R75	GNB2L1	Guanine nucleotide-	100.00	0.00
TRINITY_sp|P6128	PABPC1	Polyadenylate-bindi	100.00	0.00
TRINITY_sp|P1227	CKB	Creatine kinase B-t	100.00	0.00
TRINITY_sp|A6QL	(RPS9	40S ribosomal prote	100.00	0.00
TRINITY_sp|A6QL	(RPS9	40S ribosomal prote	100.00	0.00
TRINITY_sp|A6QL	(RPS9	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0325	-	Early E1A protein O	100.00	0.00
TRINITY_sp|Q3ZB	(SHFM1	26S proteasome comp	100.00	0.00
TRINITY_sp|Q32P7	SNRPC	U1 small nuclear ri	100.00	0.00
TRINITY_sp|P0673	ENO1	Alpha-enolase OS=Ho	100.00	0.00
TRINITY_sp|P1718	Eno1	Alpha-enolase OS=Mu	100.00	0.00
TRINITY_sp|P2934	Pabpc1	Polyadenylate-bindi	100.00	0.00

TRINITY_sp|Q5E9|RPS8	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q5E9|RPS8	40S ribosomal prote	100.00	0.00
TRINITY_sp|P4334TPT1	Translationally-con	100.00	0.00
TRINITY_sp|Q99L{Ndufa10	NADH dehydrogenase	100.00	0.00
TRINITY_sp|O952{NDUFA10	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P6071ACTB	Actin, cytoplasmic	100.00	0.00
TRINITY_sp|P109{Act5C	Actin-5C OS=Drosoph	100.00	0.00
TRINITY_sp|P184{Cyr61	Protein CYR61 OS=Mu	100.00	0.00
TRINITY_sp|Q151{NOMO1	Nodal modulator 1 O	100.00	0.00
TRINITY_sp|Q32P{POLR2F	DNA-directed RNA po	100.00	0.00
TRINITY_sp|P509{CCT4	T-complex protein 1	100.00	0.00
TRINITY_sp|P6331{TMSB10	Thymosin beta-10 OS	100.00	0.00
TRINITY_sp|Q3ZC{METAP2	Methionine aminopep	100.00	0.00
TRINITY_sp|Q3ZC{EIF3L	Eukaryotic translat	100.00	0.00
TRINITY_sp|Q0581{Fabp5	Fatty acid-binding	100.00	0.00
TRINITY_sp|P115{Mup2	Major urinary prote	100.00	0.00
TRINITY_sp|Q9YH{HMGB1	High mobility group	100.00	0.00
TRINITY_sp|Q98T{RPL39	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q3T0{RPL39	60S ribosomal prote	100.00	0.00
TRINITY_sp|P141{MIF	Macrophage migratio	100.00	0.00
TRINITY_sp|Q029{MIF	Macrophage migratio	100.00	0.00
TRINITY_sp|P348{Mif	Macrophage migratio	100.00	0.00
TRINITY_sp|P348{SHMT2	Serine hydroxymethy	100.00	0.00
TRINITY_sp|P179{PSMC3	26S protease regula	100.00	0.00
TRINITY_sp|P355{MYH9	Myosin-9 OS=Homo sa	100.00	0.00
TRINITY_sp|P128{-	Probable Pol polypr	100.00	0.00
TRINITY_sp|Q922{Ubxn1	UBX domain-containi	100.00	0.00
TRINITY_sp|O149{HNRNPDL	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q9DE{-	Thymosin beta-15A h	100.00	0.00
TRINITY_sp|O551{Sap18	Histone deacetylase	100.00	0.00
TRINITY_sp|Q994{PFDN5	Prefoldin subunit 5	100.00	0.00
TRINITY_sp|P0CG{UBB	Polyubiquitin-B OS=	100.00	0.00
TRINITY_sp|P0CG{UBB	Polyubiquitin-B OS=	100.00	0.00
TRINITY_sp|Q6NZ{MZT2B	Mitotic-spindle org	100.00	0.00
TRINITY_sp|Q9M4{RPS10	30S ribosomal prote	100.00	0.00
TRINITY_sp|Q3ZB{SNRPG	Small nuclear ribon	100.00	0.00
TRINITY_sp|P479{RPL29	60S ribosomal prote	100.00	0.00
TRINITY_sp|P479{Rpl29	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q56J{RPS25	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q56J{RPS25	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q3SZ{THOC7	THO complex subunit	100.00	0.00
TRINITY_sp|Q9CY{Tecr	Very-long-chain eno	100.00	0.00
TRINITY_sp|A6X9{Itih4	Inter alpha-trypsin	100.00	0.00
TRINITY_sp|Q9DB{Ehhadh	Peroxisomal bifunct	100.00	0.00
TRINITY_sp|P704{Ucp2	Mitochondrial uncou	100.00	0.00
TRINITY_sp|P332{Cyp2f2	Cytochrome P450 2F2	100.00	0.00
TRINITY_sp|Q9JJ{Rpl38	60S ribosomal prote	100.00	0.00
TRINITY_sp|P047{PEP1	Phosphoenolpyruvate	100.00	0.00
TRINITY_sp|Q9WVIC{xcl15	C-X-C motif chemoki	100.00	0.00
TRINITY_sp|Q71U{RPS27L	40S ribosomal prote	100.00	0.00
TRINITY_sp|P025{CRYAA	Alpha-crystallin A	100.00	0.00
TRINITY_sp|P235{EIF4B	Eukaryotic translat	100.00	0.00
TRINITY_sp|P612{DYNLL1	Dynein light chain	100.00	0.00
TRINITY_sp|Q2KJ{TUBB5	Tubulin beta-5 chai	100.00	0.00
TRINITY_sp|P622{RPS14	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q2KJ{TUBB5	Tubulin beta-5 chai	100.00	0.00

TRINITY_sp|P6226RPS14	40S ribosomal prote	100.00	0.00
TRINITY_sp|P6226RPS14	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q9JJVMMyoz2	Myozenin-2 OS=Mus m	100.00	0.00
TRINITY_sp|Q0551SRSF11	Serine/arginine-ric	100.00	0.00
TRINITY_sp|P567(PSMD2	26S proteasome non-	100.00	0.00
TRINITY_sp|P4974ACADVL	Very long-chain spe	100.00	0.00
TRINITY_sp|P1461PKM	Pyruvate kinase PKM	100.00	0.00
TRINITY_sp|P0054PKM	Pyruvate kinase PKM	100.00	0.00
TRINITY_sp|P5248Pkm	Pyruvate kinase PKM	100.00	0.00
TRINITY_sp|A5D78CSE1L	Exportin-2 OS=Bos t	100.00	0.00
TRINITY_sp|P6836TUBA1A	Tubulin alpha-1A ch	100.00	0.00
TRINITY_sp|P6836TUBA1A	Tubulin alpha-1A ch	100.00	0.00
TRINITY_sp|Q9CQ2Ndufb3	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P0CG7ubi4	Polyubiquitin OS=Sc	100.00	0.00
TRINITY_sp|P0CG7ubqD	Polyubiquitin-D OS=	100.00	0.00
TRINITY_sp|P0DM4act-1	Actin-1 OS=Caenorha	100.00	0.00
TRINITY_sp|P5347-	Actin, cytoplasmic	100.00	0.00
TRINITY_sp|P0DM4act-1	Actin-1 OS=Caenorha	100.00	0.00
TRINITY_sp|P0674NPM1	Nucleophosmin OS=Ho	100.00	0.00
TRINITY_sp|Q6193Npm1	Nucleophosmin OS=Mu	100.00	0.00
TRINITY_sp|Q9H77DCTPP1	dCTP pyrophosphatas	100.00	0.00
TRINITY_sp|P5588EIF3B	Eukaryotic translat	100.00	0.00
TRINITY_sp|P1115PPDK1	Pyruvate, phosphate	100.00	0.00
TRINITY_sp|P2664EEF1G	Elongation factor 1	100.00	0.00
TRINITY_sp|Q9FFC(At5g2288	Histone H2B.10 OS=A	100.00	0.00
TRINITY_sp|Q8BJM Tyw1	S-adenosyl-L-methio	100.00	0.00
TRINITY_sp|P1925Rp113a	60S ribosomal prote	100.00	0.00
TRINITY_sp|P4042RPL13A	60S ribosomal prote	100.00	0.00
TRINITY_sp|P6814acta1a	Actin, alpha skelet	100.00	0.00
TRINITY_sp|P3178Dbi	Acyl-CoA-binding pr	100.00	0.00
TRINITY_sp|P0768HEXB	Beta-hexosaminidase	100.00	0.00
TRINITY_sp|P0183IGKC	Ig kappa chain C re	100.00	0.00
TRINITY_sp|Q0542Cyp2e1	Cytochrome P450 2E1	100.00	0.00
TRINITY_sp|P6226YWHAE	14-3-3 protein epsi	100.00	0.00
TRINITY_sp|P2006Tmsb4x	Thymosin beta-4 OS=	100.00	0.00
TRINITY_sp|Q3T08RPL11	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q5ZLN PGAM1	Phosphoglycerate mu	100.00	0.00
TRINITY_sp|P072(GPX1	Glutathione peroxid	100.00	0.00
TRINITY_sp|P1135Gpx1	Glutathione peroxid	100.00	0.00
TRINITY_sp|P567(PSMD2	26S proteasome non-	100.00	0.00
TRINITY_sp|Q3ZC5ACTN2	Alpha-actinin-2 OS=	100.00	0.00
TRINITY_sp|P2269UQCRC2	Cytochrome b-cl com	100.00	0.00
TRINITY_sp|P8031Cct5	T-complex protein 1	100.00	0.00
TRINITY_sp|P209(-	Actin OS=Volvox car	100.00	0.00
TRINITY_sp|P1978Mgp	Matrix Gla protein	100.00	0.00
TRINITY_sp|P504(Sftpb	Pulmonary surfactan	100.00	0.00
TRINITY_sp|P504(Sftpb	Pulmonary surfactan	100.00	0.00
TRINITY_sp|P9736Bpifa1	BPI fold-containing	100.00	0.00
TRINITY_sp|O1537HDAC3	Histone deacetylase	100.00	0.00
TRINITY_sp|P0862TXN	Thioredoxin OS=Gall	100.00	0.00
TRINITY_sp|P2081CAST	Calpastatin OS=Homo	100.00	0.00
TRINITY_sp|Q2HJ2MAP1LC37	Microtubule-associa	100.00	0.00
TRINITY_sp|Q6PBFrps28	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q9BZ3SLC25A39	Solute carrier fami	100.00	0.00
TRINITY_sp|P2015Vim	Vimentin OS=Mus mus	100.00	0.00
TRINITY_sp|P1059TXN	Thioredoxin OS=Homo	100.00	0.00

TRINITY_sp|Q5T65MRPL2	39S ribosomal prote	100.00	0.00
TRINITY_sp|P6227RPS29	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q6135Pcolce	Procollagen C-endop	100.00	0.00
TRINITY_sp|A5YK1CNOT1	CCR4-NOT transcript	100.00	0.00
TRINITY_sp|Q0MQCNDUFB2	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P5637Mp68	6.8 kDa mitochondri	100.00	0.00
TRINITY_sp|Q0618Atp5i	ATP synthase subuni	100.00	0.00
TRINITY_sp|Q0885Cd36	Platelet glycoprote	100.00	0.00
TRINITY_sp|P3492Apoc1	Apolipoprotein C-I	100.00	0.00
TRINITY_sp|Q9259NDRG1	Protein NDRG1 OS=Ho	100.00	0.00
TRINITY_sp|A1L57ADRM1	Proteasomal ubiquit	100.00	0.00
TRINITY_sp|Q3ZC5ACTN2	Alpha-actinin-2 OS=	100.00	0.00
TRINITY_sp|P4302Cox6a2	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|P0121CGA	Glycoprotein hormon	100.00	0.00
TRINITY_sp|P3204RPL37A	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q56JVRPS26	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q32L5GRINA	Protein lifeguard 1	100.00	0.00
TRINITY_sp|P9737Psme2	Proteasome activato	100.00	0.00
TRINITY_sp|O8905Corola	Coronin-1A OS=Mus m	100.00	0.00
TRINITY_sp|P0996LTA4H	Leukotriene A-4 hyd	100.00	0.00
TRINITY_sp|P0771CTSL	Cathepsin L1 OS=Hom	100.00	0.00
TRINITY_sp|P0726-	Serralysin OS=Serra	100.00	0.00
TRINITY_sp|P3489SHMT2	Serine hydroxymethy	100.00	0.00
TRINITY_sp|P2879GRN	Granulins OS=Homo s	100.00	0.00
TRINITY_sp|Q56JVRPS26	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q9UBIATXN10	Ataxin-10 OS=Homo s	100.00	0.00
TRINITY_sp|O8883Cyp4a10	Cytochrome P450 4A1	100.00	0.00
TRINITY_sp|O0048NDUFA4	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|Q9205Scgb3a2	Secretoglobin famil	100.00	0.00
TRINITY_sp|Q32P1RPL38	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q0MQCNDUFA11	NADH dehydrogenase	100.00	0.00
TRINITY_sp|Q9UHISEPT9	Septin-9 OS=Homo sa	100.00	0.00
TRINITY_sp|P0185-	T-cell receptor bet	100.00	0.00
TRINITY_sp|Q24JVRPL23A	60S ribosomal prote	100.00	0.00
TRINITY_sp|O7579RNASEH2A	Ribonuclease H2 sub	100.00	0.00
TRINITY_sp|P5639Cox7a1	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|Q9NX4OCIA1	OCIA domain-contain	100.00	0.00
TRINITY_sp|P3053TSPO	Translocator protei	100.00	0.00
TRINITY_sp|P6227RPS29	40S ribosomal prote	100.00	0.00
TRINITY_sp|P0730Ttr	Transthyretin OS=Mu	100.00	0.00
TRINITY_sp|Q96A7KIAA1191	Putative monooxygen	100.00	0.00
TRINITY_sp|P1239Ctla2a	Protein CTLA-2-alph	100.00	0.00
TRINITY_sp|P1307COX4I1	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|Q1315HNRNPA0	Heterogeneous nucle	100.00	0.00
TRINITY_sp|Q6PD0Ppp2r5a	Serine/threonine-pr	100.00	0.00
TRINITY_sp|P4878Tnni3	Troponin I, cardiac	100.00	0.00
TRINITY_sp|P1063Txn	Thioredoxin OS=Mus	100.00	0.00
TRINITY_sp|O1523NDUFA1	NADH dehydrogenase	100.00	0.00
TRINITY_sp|P3172S100a9	Protein S100-A9 OS=	100.00	0.00
TRINITY_sp|P0DJ0PET100	Protein PET100 homo	100.00	0.00
TRINITY_sp|Q5E91PSMC2	26S protease regula	100.00	0.00
TRINITY_sp|P1328IFI30	Gamma-interferon-in	100.00	0.00
TRINITY_sp|Q8BW1Acaa2	3-ketoacyl-CoA thio	100.00	0.00
TRINITY_sp|Q8BW1Acaa2	3-ketoacyl-CoA thio	100.00	0.00
TRINITY_sp|P0423CD74	HLA class II histoc	100.00	0.00
TRINITY_sp|Q9UB1CKLF	Chemokine-like fact	100.00	0.00

TRINITY_sp|P5613	ATP5J2	ATP synthase subuni	100.00	0.00
TRINITY_sp|P4112	RPL13	60S ribosomal prote	100.00	0.00
TRINITY_sp|Q0181	PFKP	ATP-dependent 6-pho	100.00	0.00
TRINITY_sp|Q9CXI	Mem50a	Transmembrane prote	100.00	0.00
TRINITY_sp|Q2KI9	FHL2	Four and a half LIM	100.00	0.00
TRINITY_sp|Q1356	DCTN2	Dynactin subunit 2	100.00	0.00
TRINITY_sp|Q99K1	Aco2	Aconitate hydratase	100.00	0.00
TRINITY_sp|P1624	MOD1	NADP-dependent mali	100.00	0.00
TRINITY_sp|P0981	Apoa2	Apolipoprotein A-II	100.00	0.00
TRINITY_sp|Q56J7	RPS28	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q56J7	RPS28	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q9H46	CUEDC2	CUE domain-containi	100.00	0.00
TRINITY_sp|Q9959	TIMM17A	Mitochondrial impor	100.00	0.00
TRINITY_sp|O9583	AIFM1	Apoptosis-inducing	100.00	0.00
TRINITY_sp|P0471	PEP1	Phosphoenolpyruvate	100.00	0.00
TRINITY_sp|P2161	Gc	Vitamin D-binding p	100.00	0.00
TRINITY_sp|P1090	CLU	Clusterin OS=Homo s	100.00	0.00
TRINITY_sp|Q32L9	CNN3	Calponin-3 OS=Bos t	100.00	0.00
TRINITY_sp|Q9CQF	Rps21	40S ribosomal prote	100.00	0.00
TRINITY_sp|P2879	Grn	Granulins OS=Mus mu	100.00	0.00
TRINITY_sp|Q32P	RPS21	40S ribosomal prote	100.00	0.00
TRINITY_sp|O0867	Knq1	Kininogen-1 OS=Mus	100.00	0.00
TRINITY_sp|O5514	Rpl35a	60S ribosomal prote	100.00	0.00
TRINITY_sp|O3398	ompF	Outer membrane prot	100.00	0.00
TRINITY_sp|P5613	Atp5j2	ATP synthase subuni	100.00	0.00
TRINITY_sp|A4QJ9	psbA	Photosystem II prot	100.00	0.00
TRINITY_sp|P1739	P	Protein P OS=Woodch	100.00	0.00
TRINITY_sp|Q86T9	MRPL52	39S ribosomal prote	100.00	0.00
TRINITY_sp|Q9Y67	TACC3	Transforming acidic	100.00	0.00
TRINITY_sp|Q2HJ9	OLA1	Obg-like ATPase 1 O	100.00	0.00
TRINITY_sp|P4595	Acadm	Medium-chain specif	100.00	0.00
TRINITY_sp|Q71K	Fgl1	Fibrinogen-like pro	100.00	0.00
TRINITY_sp|Q2HJ9	PHB2	Prohibitin-2 OS=Bos	100.00	0.00
TRINITY_sp|O9477	MTA2	Metastasis-associat	100.00	0.00
TRINITY_sp|P1062	MGST1	Microsomal glutathi	100.00	0.00
TRINITY_sp|Q0689	Clu	Clusterin OS=Mus mu	100.00	0.00
TRINITY_sp|O3514	Atpif1	ATPase inhibitor, m	100.00	0.00
TRINITY_sp|P1532	FOLR1	Folate receptor alp	100.00	0.00
TRINITY_sp|Q9Y57	SNX5	Sorting nexin-5 OS=	100.00	0.00
TRINITY_sp|Q6445	Cyp2c29	Cytochrome P450 2C2	100.00	0.00
TRINITY_sp|Q3T07	RPS16	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q9QX7	Egf17	Epidermal growth fa	100.00	0.00
TRINITY_sp|P6128	PABPC1	Polyadenylate-bindi	100.00	0.00
TRINITY_sp|Q1290	ILF3	Interleukin enhance	100.00	0.00
TRINITY_sp|Q9Y37	UTP11	Probable U3 small n	100.00	0.00
TRINITY_sp|Q90Y	Frps10	40S ribosomal prote	100.00	0.00
TRINITY_sp|Q0571	CRYAB	Alpha-crystallin B	100.00	0.00
TRINITY_sp|P3202	Scp2	Non-specific lipid-	100.00	0.00

TRINITY_sp|Q9H3|PPDPF	Pancreatic progenerit	100.00	0.00
TRINITY_sp|Q3ZC|CCT8	T-complex protein 1	100.00	0.00
TRINITY_sp|P041|Fabp4	Fatty acid-binding	100.00	0.00
TRINITY_sp|Q025|Myh6	Myosin-6 OS=Mus mus	100.00	0.00
TRINITY_sp|P223|UBA1	Ubiquitin-like modi	100.00	0.00
TRINITY_sp|P493|NASP	Nuclear autoantigen	100.00	0.00
TRINITY_sp|P632|Crip1	Cysteine-rich prote	100.00	0.00
TRINITY_sp|Q128|CDC20	Cell division cycle	100.00	0.00
TRINITY_sp|Q96E|DAZAP1	DAZ-associated prot	100.00	0.00
TRINITY_sp|P378|TALDO1	Transaldolase OS=Ho	100.00	0.00
TRINITY_sp|A8YX|-	Uncharacterized pro	100.00	0.00
TRINITY_sp|Q9Y4|HYOU1	Hypoxia up-regulate	100.00	0.00
TRINITY_sp|P243|COX7B	Cytochrome c oxidas	100.00	0.00
TRINITY_sp|P352|RFC2	Replication factor	100.00	0.00
TRINITY_sp|Q3T0|PPP1CA	Serine/threonine-pr	100.00	0.00
TRINITY_sp|P611|Kap	Kidney androgen-reg	100.00	0.00
TRINITY_sp|P509|ANXA11	Annexin A11 OS=Homo	100.00	0.00
TRINITY_sp|Q604|APP	Amyloid beta A4 pro	100.00	0.00
TRINITY_sp|O704|Mybpc3	Myosin-binding prot	100.00	0.00
TRINITY_sp|P009|ASS1	Argininosuccinate s	100.00	0.00
TRINITY_sp|Q643|Tm4sf1	Transmembrane 4 L6	100.00	0.00
TRINITY_sp|P088|RPSA	40S ribosomal prote	99.70	0.00
TRINITY_sp|Q028|RPL6	60S ribosomal prote	99.70	0.00
TRINITY_sp|P024|COL3A1	Collagen alpha-1(II	99.60	0.00
TRINITY_sp|P148|Rplp0	60S acidic ribosoma	99.60	0.00
TRINITY_sp|P162|MOD1	NADP-dependent mali	99.60	0.00
TRINITY_sp|P519|ENO1	Alpha-enolase OS=Ga	99.50	0.00
TRINITY_sp|Q605|Orm1	Alpha-1-acid glycop	99.50	0.00
TRINITY_sp|P095|Myl3	Myosin light chain	99.50	0.00
TRINITY_sp|P974|Rps5	40S ribosomal prote	99.50	0.00
TRINITY_sp|P218|Sftpc	Pulmonary surfactan	99.50	0.00
TRINITY_sp|P276|RPL10	60S ribosomal prote	99.50	0.00
TRINITY_sp|P293|Ftl1	Ferritin light chai	99.50	0.00
TRINITY_sp|Q137|NACA	Nascent polypeptide	99.50	0.00
TRINITY_sp|P479|Rpl13	60S ribosomal prote	99.50	0.00
TRINITY_sp|E9PV|Fga	Fibrinogen alpha ch	99.40	0.00
TRINITY_sp|P543|OAZ1	Ornithine decarboxy	99.40	0.00
TRINITY_sp|Q3T0|RPL8	60S ribosomal prote	99.40	0.00
TRINITY_sp|Q24J|RPL23A	60S ribosomal prote	99.40	0.00
TRINITY_sp|Q24J|RPL23A	60S ribosomal prote	99.40	0.00
TRINITY_sp|P019|Hba	Hemoglobin subunit	99.30	0.00
TRINITY_sp|Q3BB|NBPF8	Putative neuroblast	99.30	0.00
TRINITY_sp|P183|DSTN	Destrin OS=Gallus g	99.30	0.00
TRINITY_sp|P422|GFP	Green fluorescent p	99.30	0.00
TRINITY_sp|P535|-	Actin, cytoplasmic	99.30	0.00
TRINITY_sp|P209|-	Actin OS=Volvox car	99.30	0.00
TRINITY_sp|Q90Y|rps23	40S ribosomal prote	99.30	0.00
TRINITY_sp|Q56J|RPS25	40S ribosomal prote	99.20	0.00
TRINITY_sp|P018|B2m	Beta-2-microglobuli	99.20	0.00
TRINITY_sp|P328|psaD	Photosystem I react	99.20	0.00
TRINITY_sp|Q76I|RPS15A	40S ribosomal prote	99.20	0.00
TRINITY_sp|Q0MQ|NDUFA6	NADH dehydrogenase	99.20	0.00
TRINITY_sp|Q5EAI|RPL15	60S ribosomal prote	99.10	0.00
TRINITY_sp|Q56J|RPL31	60S ribosomal prote	99.10	0.00
TRINITY_sp|Q6UZ|rpl35	60S ribosomal prote	99.10	0.00
TRINITY_sp|P026|MYL6	Myosin light polype	99.10	0.00

TRINITY_sp|P0976{rplK	50S ribosomal prote	99.10	0.00
TRINITY_sp|Q9SP{CRTZ	Beta-carotene 3-hyd	99.10	0.00
TRINITY_sp|Q0089{Serpinal	Alpha-1-antitrypsin	99.10	0.00
TRINITY_sp|P1112{CMD1	Calmodulin OS=Pleur	99.10	0.00
TRINITY_sp|O7508{WDR1	WD repeat-containin	99.00	0.00
TRINITY_sp|Q8621{RPL24	60S ribosomal prote	99.00	0.00
TRINITY_sp|Q3T0{RPS10	40S ribosomal prote	99.00	0.00
TRINITY_sp|Q68F{Idh3B	Isocitrate dehydrog	99.00	0.00
TRINITY_sp|Q5E9{RPS6	40S ribosomal prote	99.00	0.00
TRINITY_sp|P534{-	Actin OS=Chlamydomo	99.00	0.00
TRINITY_sp|Q54G{act10	Actin-10 OS=Dictyos	99.00	0.00
TRINITY_sp|P4835{CAT1	Catalase isozyme 1	99.00	0.00
TRINITY_sp|P0029{PETE	Plastocyanin OS=Cuc	98.90	0.00
TRINITY_sp|Q1A7(-	Dimethyladenosine t	98.90	0.00
TRINITY_sp|P0791{UQCRH	Cytochrome b-c1 com	98.90	0.00
TRINITY_sp|Q0151{CAP1	Adenylyl cyclase-as	98.90	0.00
TRINITY_sp|P1148{TUBB1	Tubulin beta chain	98.90	0.00
TRINITY_sp|Q3MI{RPL37A	60S ribosomal prote	98.80	0.00
TRINITY_sp|P3242{RPL7A	60S ribosomal prote	98.80	0.00
TRINITY_sp|Q9NR{MRPL17	39S ribosomal prote	98.80	0.00
TRINITY_sp|P0484{ompA	Outer membrane prot	98.80	0.00
TRINITY_sp|P6115{rps19	40S ribosomal prote	98.80	0.00
TRINITY_sp|P1756{Selenbp1	Selenium-binding pr	98.80	0.00
TRINITY_sp|Q4104{PSBQ1	Oxygen-evolving enh	98.80	0.00
TRINITY_sp|O2234{TUBA1	Tubulin alpha-1 cha	98.80	0.00
TRINITY_sp|Q9MI{mt-co3	Cytochrome c oxidas	98.80	0.00
TRINITY_sp|P268{gag	Gag polyprotein OS=	98.80	0.00
TRINITY_sp|P4929{PCK1	Phosphoenolpyruvate	98.80	0.00
TRINITY_sp|P6843{-	Histone H3.1 OS=Bos	98.80	0.00
TRINITY_sp|O0438{TUBB	Tubulin beta chain	98.80	0.00
TRINITY_sp|Q5E95{RPS8	40S ribosomal prote	98.80	0.00
TRINITY_sp|Q7ZW{rpl18a	60S ribosomal prote	98.80	0.00
TRINITY_sp|A8G8{rplJ	50S ribosomal prote	98.80	0.00
TRINITY_sp|P0335{pol	Pol polyprotein OS=	98.70	0.00
TRINITY_sp|P0259{-	Calmodulin OS=Tetra	98.70	0.00
TRINITY_sp|Q9M6{SAMDC	S-adenosylmethionin	98.70	0.00
TRINITY_sp|O0438{TUBB	Tubulin beta chain	98.70	0.00
TRINITY_sp|Q0199{TAGLN	Transgelin OS=Homo	98.70	0.00
TRINITY_sp|Q32S2{BRD2	Bromodomain-contain	98.60	0.00
TRINITY_sp|Q9CR4{Nsa2	Ribosome biogenesis	98.60	0.00
TRINITY_sp|O2457{SAMDC	S-adenosylmethionin	98.60	0.00
TRINITY_sp|Q9FG2{UBL5	Ubiquitin-like prot	98.60	0.00
TRINITY_sp|O1878{RPS2	40S ribosomal prote	98.60	0.00
TRINITY_sp|P6128{RPL12	60S ribosomal prote	98.60	0.00
TRINITY_sp|Q9M6{SAMDC	S-adenosylmethionin	98.60	0.00
TRINITY_sp|P2339{-	Polyubiquitin (Frag	98.60	0.00
TRINITY_sp|Q2KH{RPS27	40S ribosomal prote	98.60	0.00
TRINITY_sp|P5638{ATP5I	ATP synthase subuni	98.60	0.00
TRINITY_sp|A7Z03{CLINT1	Clathrin interactor	98.60	0.00
TRINITY_sp|Q3SZ9{RPL13A	60S ribosomal prote	98.50	0.00
TRINITY_sp|P7006{rps15	40S ribosomal prote	98.50	0.00
TRINITY_sp|A8G8{tuf1	Elongation factor T	98.50	0.00
TRINITY_sp|Q7ZV{rpl27	60S ribosomal prote	98.50	0.00
TRINITY_sp|P3194{HNRNPH1	Heterogeneous nucle	98.50	0.00
TRINITY_sp|A2XJ3{OsI_012	Chlorophyll a-b bin	98.50	0.00
TRINITY_sp|P0478{CAB25	Chlorophyll a-b bin	98.50	0.00

TRINITY_sp|P1233CAB1R	Chlorophyll a-b bin	98.50	0.00
TRINITY_sp|O7381rps3a	40S ribosomal prote	98.50	0.00
TRINITY_sp|P0484ompA	Outer membrane prot	98.40	0.00
TRINITY_sp|Q9LE4ENO1	Enolase 1 OS=Hevea	98.40	0.00
TRINITY_sp|P0822-	Chlorophyll a-b bin	98.40	0.00
TRINITY_sp|E2RH4RPS3	40S ribosomal prote	98.30	0.00
TRINITY_sp|P1289-	Probable Pol polypr	98.30	0.00
TRINITY_sp|P6214CALM	Calmodulin OS=Anas	98.30	0.00
TRINITY_sp|P6286FAU	40S ribosomal prote	98.30	0.00
TRINITY_sp|Q32PFRPL38	60S ribosomal prote	98.30	0.00
TRINITY_sp|P1185TUBB1	Tubulin beta chain	98.30	0.00
TRINITY_sp|P2344rps20	40S ribosomal prote	98.30	0.00
TRINITY_sp|Q1279ASPH	Aspartyl/asparaginy	98.20	0.00
TRINITY_sp|Q6415Btf3	Transcription facto	98.20	0.00
TRINITY_sp|P1910MYL12A	Myosin regulatory 1	98.20	0.00
TRINITY_sp|Q76I8RPS15A	40S ribosomal prote	98.20	0.00
TRINITY_sp|A6QLCRPS9	40S ribosomal prote	98.20	0.00
TRINITY_sp|P2086-	Chlorophyll a-b bin	98.20	0.00
TRINITY_sp|O0438TUBB	Tubulin beta chain	98.20	0.00
TRINITY_sp|P0920TUBA1	Tubulin alpha-1 cha	98.20	0.00
TRINITY_sp|P5837rp130	60S ribosomal prote	98.20	0.00
TRINITY_sp|P4823TM4SF4	Transmembrane 4 L6	98.20	0.00
TRINITY_sp|Q6Y26rp124	60S ribosomal prote	98.10	0.00
TRINITY_sp|P6331TNNC1	Troponin C, slow sk	98.10	0.00
TRINITY_sp|P1096GSPO-B1	Sporamin B OS=Ipomo	98.10	0.00
TRINITY_sp|P6278-	Histone H4 variant	98.10	0.00
TRINITY_sp|Q9SL2-	Phosphoenolpyruvate	98.10	0.00
TRINITY_sp|P0660alphaTub	Tubulin alpha-1 cha	98.00	0.00
TRINITY_sp|P8288-	Histone H4 OS=Olist	98.00	0.00
TRINITY_sp|P8288-	Histone H4 OS=Olist	98.00	0.00
TRINITY_sp|P6280-	Histone H4 OS=Bos t	98.00	0.00
TRINITY_sp|P6278-	Histone H4 variant	98.00	0.00
TRINITY_sp|P3780Tagln	Transgelin OS=Mus m	98.00	0.00
TRINITY_sp|P1115PPDK1	Pyruvate, phosphate	98.00	0.00
TRINITY_sp|Q1308MRPL28	39S ribosomal prote	97.90	0.00
TRINITY_sp|P0CG5UBB	Polyubiquitin-B OS=	97.90	0.00
TRINITY_sp|P6278-	Histone H4 variant	97.90	0.00
TRINITY_sp|P3513-	Ubiquitin-conjugati	97.80	0.00
TRINITY_sp|P0822-	Chlorophyll a-b bin	97.80	0.00
TRINITY_sp|P0555Ly6a	Lymphocyte antigen	97.80	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	97.80	0.00
TRINITY_sp|Q0089Serpinal	Alpha-1-antitrypsin	97.80	0.00
TRINITY_sp|Q9CR1Ppid	Peptidyl-prolyl cis	97.80	0.00
TRINITY_sp|Q24J1RPL23A	60S ribosomal prote	97.70	0.00
TRINITY_sp|P7924RPL37	60S ribosomal prote	97.70	0.00
TRINITY_sp|P3901rps6	40S ribosomal prote	97.70	0.00
TRINITY_sp|O5759rp17a	60S ribosomal prote	97.70	0.00
TRINITY_sp|P0CG5UBB	Polyubiquitin-B OS=	97.70	0.00
TRINITY_sp|Q9DD0Rarres2	Retinoic acid recep	97.70	0.00
TRINITY_sp|P1482Anxa6	Annexin A6 OS=Mus m	97.60	0.00
TRINITY_sp|Q7T31rp115	60S ribosomal prote	97.60	0.00
TRINITY_sp|P5710MDH2	Malate dehydrogenas	97.60	0.00
TRINITY_sp|P0CG5UBB	Polyubiquitin-B OS=	97.60	0.00
TRINITY_sp|P0CG5UBB	Polyubiquitin-B OS=	97.60	0.00
TRINITY_sp|Q99P1Arhgdia	Rho GDP-dissociatio	97.50	0.00
TRINITY_sp|P5185HDGF	Hepatoma-derived gr	97.40	0.00

TRINITY_sp|P0714-	Catalase OS=Ipomoea	97.40	0.00
TRINITY_sp|P113(pol	Putative Pol polypr	97.40	0.00
TRINITY_sp|P0CGUBB	Polyubiquitin-B OS=	97.40	0.00
TRINITY_sp|P2284-	Histone H3 OS=Acrop	97.40	0.00
TRINITY_sp|P2284-	Histone H3 OS=Acrop	97.40	0.00
TRINITY_sp|P3414rac1A	Rho-related protein	97.40	0.00
TRINITY_sp|P6278-	Histone H4 variant	97.40	0.00
TRINITY_sp|Q9033-	Myosin heavy chain,	97.30	0.00
TRINITY_sp|P276(DHAPS-1	Phospho-2-dehydro-3	97.30	0.00
TRINITY_sp|Q3ZB(RPS20	40S ribosomal prote	97.30	0.00
TRINITY_sp|P2323petD	Cytochrome b6-f com	97.30	0.00
TRINITY_sp|P4135-	Tubulin alpha chain	97.30	0.00
TRINITY_sp|Q0571(CRYBB2	Beta-crystallin B2	97.30	0.00
TRINITY_sp|P6128(PABPC1	Polyadenylate-bindi	97.20	0.00
TRINITY_sp|P1807(RPL35A	60S ribosomal prote	97.20	0.00
TRINITY_sp|P1894(MT-ND6	NADH-ubiquinone oxi	97.20	0.00
TRINITY_sp|P3343(Mmp2	72 kDa type IV coll	97.20	0.00
TRINITY_sp|P0335(pol	Pol polyprotein OS=	97.10	0.00
TRINITY_sp|Q90Y(rps2	40S ribosomal prote	97.10	0.00
TRINITY_sp|A6MZ(MGOS2	Protein translation	97.10	0.00
TRINITY_sp|Q9FY(-	Inositol-3-phosphat	97.10	0.00
TRINITY_sp|Q5E95(RPS8	40S ribosomal prote	97.10	0.00
TRINITY_sp|Q964(-	Actin, cytoplasmic	97.10	0.00
TRINITY_sp|P6843-	Histone H3.1 OS=Bos	97.10	0.00
TRINITY_sp|P8422-	Histone H3.2 OS=Bos	97.10	0.00
TRINITY_sp|P0904(GAPB	Glyceraldehyde-3-ph	97.00	0.00
TRINITY_sp|Q8RX(RPL37AC	60S ribosomal prote	97.00	0.00
TRINITY_sp|Q0162(IFITM2	Interferon-induced	97.00	0.00
TRINITY_sp|Q56K1(RPLP1	60S acidic ribosoma	97.00	0.00
TRINITY_sp|P4364-	Elongation factor 1	97.00	0.00
TRINITY_sp|P5349-	Actin OS=Chlamydomo	97.00	0.00
TRINITY_sp|P4221(GFP	Green fluorescent p	97.00	0.00
TRINITY_sp|Q56K1(RPLP1	60S acidic ribosoma	97.00	0.00
TRINITY_sp|P4233(AKR1C3	Aldo-keto reductase	96.90	0.00
TRINITY_sp|P4289-	Enolase OS=Ricinus	96.90	0.00
TRINITY_sp|Q3965(PSAL	Photosystem I react	96.90	0.00
TRINITY_sp|Q6154(Ewsr1	RNA-binding protein	96.90	0.00
TRINITY_sp|Q9W6(hsc70	Heat shock cognate	96.90	0.00
TRINITY_sp|P151(-	Glutamine synthetas	96.90	0.00
TRINITY_sp|P0CGUBB	Polyubiquitin-B OS=	96.90	0.00
TRINITY_sp|P0CGUBB	Polyubiquitin-B OS=	96.90	0.00
TRINITY_sp|P5349-	Actin OS=Chlamydomo	96.90	0.00
TRINITY_sp|O4238(rps24	40S ribosomal prote	96.80	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	96.80	0.00
TRINITY_sp|P3513(UBC10	Ubiquitin-conjugati	96.70	0.00
TRINITY_sp|Q5E9(RPL10A	60S ribosomal prote	96.70	0.00
TRINITY_sp|O0037-	LINE-1 retrotranspo	96.70	0.00
TRINITY_sp|Q0MQ(INDUFB3	NADH dehydrogenase	96.70	0.00
TRINITY_sp|Q5EE(CENPW	Centromere protein	96.70	0.00
TRINITY_sp|P9333(GAPN	NADP-dependent glyc	96.60	0.00
TRINITY_sp|P2492(EIF-5A2	Eukaryotic translat	96.60	0.00
TRINITY_sp|Q9SSI(PRP8A	Pre-mRNA-processing	96.60	0.00
TRINITY_sp|Q9YGI(rps6	40S ribosomal prote	96.60	0.00
TRINITY_sp|P0CGUBB	Polyubiquitin-B OS=	96.60	0.00
TRINITY_sp|P0CGUBB	Polyubiquitin-B OS=	96.60	0.00
TRINITY_sp|P6125(RPL26	60S ribosomal prote	96.50	0.00

TRINITY_sp|O4916EF1	Elongation factor 1	96.50	0.00
TRINITY_sp|P0606psbD	Photosystem II D2 p	96.50	0.00
TRINITY_sp|P3016-	Actin-1 OS=Pisum sa	96.50	0.00
TRINITY_sp|P1409MT-ATP6	ATP synthase subuni	96.40	0.00
TRINITY_sp|Q6PC6rp110a	60S ribosomal prote	96.40	0.00
TRINITY_sp|Q6P06rp18	60S ribosomal prote	96.40	0.00
TRINITY_sp|Q90Y6rps7	40S ribosomal prote	96.40	0.00
TRINITY_sp|Q9FG6UBL5	Ubiquitin-like prot	96.40	0.00
TRINITY_sp|P6906EIF-5A1	Eukaryotic translat	96.30	0.00
TRINITY_sp|Q4UD6TA12105	Heat shock protein	96.30	0.00
TRINITY_sp|P4626FBP	Fructose-1,6-bispho	96.30	0.00
TRINITY_sp|Q5XT6RPL17	60S ribosomal prote	96.20	0.00
TRINITY_sp|P6276-	Histone H4 variant	96.20	0.00
TRINITY_sp|P0256ARDA	Actin, plasmodial i	96.20	0.00
TRINITY_sp|P0236-	Histone H4, major O	96.20	0.00
TRINITY_sp|Q6PB6rps25	40S ribosomal prote	96.10	0.00
TRINITY_sp|Q1A76-	Dimethyladenosine t	96.10	0.00
TRINITY_sp|Q4296-	Phosphoglycerate ki	96.10	0.00
TRINITY_sp|P0306-	Large T antigen OS=	96.10	0.00
TRINITY_sp|P0CG6UBB	Polyubiquitin-B OS=	96.10	0.00
TRINITY_sp|O4916EF1	Elongation factor 1	96.00	0.00
TRINITY_sp|P0CG6UBB	Polyubiquitin-B OS=	95.90	0.00
TRINITY_sp|O2376-	Elongation factor 2	95.80	0.00
TRINITY_sp|Q9HZ6rpsA	30S ribosomal prote	95.80	0.00
TRINITY_sp|P0336gag-pol	Gag-Pol polyprotein	95.80	0.00
TRINITY_sp|Q9SH6RUB1	Ubiquitin-NEDD8-lik	95.80	0.00
TRINITY_sp|P4926RPL44	60S ribosomal prote	95.80	0.00
TRINITY_sp|Q54G6act10	Actin-10 OS=Dictyos	95.80	0.00
TRINITY_sp|Q9SB6PSBO	Oxygen-evolving enh	95.80	0.00
TRINITY_sp|P1786DDX5	Probable ATP-depend	95.70	0.00
TRINITY_sp|Q4316RPE	Ribulose-phosphate	95.70	0.00
TRINITY_sp|P6906rp118	60S ribosomal prote	95.70	0.00
TRINITY_sp|P3596Rp118	60S ribosomal prote	95.70	0.00
TRINITY_sp|P0196(H2-D1	H-2 class I histoco	95.70	0.00
TRINITY_sp|P0A96cspC	Cold shock-like pro	95.70	0.00
TRINITY_sp|Q56J6RPS26	40S ribosomal prote	95.70	0.00
TRINITY_sp|P0336gag-pol	Gag-Pol polyprotein	95.60	0.00
TRINITY_sp|P0086rbcL	Ribulose bisphospha	95.60	0.00
TRINITY_sp|Q90Y6rp136	60S ribosomal prote	95.50	0.00
TRINITY_sp|P0976psbA	Photosystem II prot	95.50	0.00
TRINITY_sp|Q6R06Gnas	Guanine nucleotide-	95.50	0.00
TRINITY_sp|P0036ALDH1A1	Retinal dehydrogena	95.40	0.00
TRINITY_sp|P8246RPL19	50S ribosomal prote	95.40	0.00
TRINITY_sp|Q90Y6rps3	40S ribosomal prote	95.40	0.00
TRINITY_sp|O5756rp17a	60S ribosomal prote	95.40	0.00
TRINITY_sp|Q3SZ6RPL32	60S ribosomal prote	95.30	0.00
TRINITY_sp|P0826-	Chlorophyll a-b bin	95.30	0.00
TRINITY_sp|P4136BTU1	Tubulin beta chain	95.30	0.00
TRINITY_sp|P1146TUBB1	Tubulin beta chain	95.30	0.00
TRINITY_sp|P9386RPL10	60S ribosomal prote	95.20	0.00
TRINITY_sp|A0CD6CFAP20	Cilia- and flagella	95.20	0.00
TRINITY_sp|Q90Y6rp118a	60S ribosomal prote	95.20	0.00
TRINITY_sp|P2586GAPA1	Glyceraldehyde-3-ph	95.10	0.00
TRINITY_sp|Q3ZC6ACTN2	Alpha-actinin-2 OS=	95.10	0.00
TRINITY_sp|P5086rp122	60S ribosomal prote	95.10	0.00
TRINITY_sp|P1086BETA-TT1	Tubulin beta chain	95.10	0.00

TRINITY_sp|P2752LHCA4	Chlorophyll a-b bin	95.00	0.00
TRINITY_sp|P1344HPR-A	Glycerate dehydroge	95.00	0.00
TRINITY_sp|P0040(MT-CO2	Cytochrome c oxidas	95.00	0.00
TRINITY_sp|Q3965PSAL	Photosystem I react	94.90	0.00
TRINITY_sp|Q90YVrp19	60S ribosomal prote	94.90	0.00
TRINITY_sp|Q5Z97FTSH1	ATP-dependent zinc	94.80	0.00
TRINITY_sp|P1321SPARC	SPARC OS=Bos taurus	94.80	0.00
TRINITY_sp|P1215psaA	Photosystem I P700	94.80	0
TRINITY_sp|Q9MI1mt-co1	Cytochrome c oxidas	94.70	0.00
TRINITY_sp|Q5R7VSLC25A3	Phosphate carrier p	94.70	0.00
TRINITY_sp|P3902RPL3	60S ribosomal prote	94.70	0.00
TRINITY_sp|A0CDICFAP20	Cilia- and flagella	94.70	0.00
TRINITY_sp|P1427CAB4	Chlorophyll a-b bin	94.70	0.00
TRINITY_sp|Q1KV5tufa	Elongation factor T	94.70	0.00
TRINITY_sp|O2375-	Elongation factor 2	94.60	0.00
TRINITY_sp|Q3T02RPL17	60S ribosomal prote	94.60	0.00
TRINITY_sp|Q9YICeef1a	Elongation factor 1	94.60	0.00
TRINITY_sp|P1235PSAG	Photosystem I react	94.50	0.00
TRINITY_sp|P0391MT-ND5	NADH-ubiquinone oxi	94.50	0.00
TRINITY_sp|P2984Hsc70-3	Heat shock 70 kDa p	94.50	0.00
TRINITY_sp|Q9SN5UGE5	UDP-glucose 4-epime	94.50	0.00
TRINITY_sp|Q9FG2UBL5	Ubiquitin-like prot	94.50	0.00
TRINITY_sp|P1207Cox5b	Cytochrome c oxidas	94.40	0.00
TRINITY_sp|P1386-	Chlorophyll a-b bin	94.40	0.00
TRINITY_sp|O0495SODCP	Superoxide dismutas	94.40	0.00
TRINITY_sp|P0997ALDOC	Fructose-bisphospha	94.40	0.00
TRINITY_sp|P2086-	Chlorophyll a-b bin	94.40	0.00
TRINITY_sp|P1286GAPB	Glyceraldehyde-3-ph	94.30	0.00
TRINITY_sp|Q4346TUFA	Elongation factor T	94.30	0.00
TRINITY_sp|P0791HNRNPC	Heterogeneous nucle	94.30	0.00
TRINITY_sp|Q4296-	Phosphoglycerate ki	94.30	0.00
TRINITY_sp|Q1KV7petB	Cytochrome b6 OS=Ac	94.30	0.00
TRINITY_sp|Q8NF1ST13P5	Putative protein FA	94.20	0.00
TRINITY_sp|P2268-	Chlorophyll a-b bin	94.20	0.00
TRINITY_sp|Q9M45TPI	Triosephosphate iso	94.20	0.00
TRINITY_sp|Q9XJ2RPS9	30S ribosomal prote	94.20	0.00
TRINITY_sp|Q9FPIPSBS	Photosystem II 22 k	94.10	0.00
TRINITY_sp|Q4384-	Ribulose-phosphate	94.10	0.00
TRINITY_sp|P1086psbC	Photosystem II CP43	94.10	0.00
TRINITY_sp|Q58DISDC2	Syndecan-2 OS=Bos t	94.10	0.00
TRINITY_sp|P1893MT-ND1	NADH-ubiquinone oxi	94.00	0.00
TRINITY_sp|Q9LEJENO1	Enolase 1 OS=Hevea	93.90	0.00
TRINITY_sp|O4945CCOAOMT1	Caffeoyl-CoA O-meth	93.80	0.00
TRINITY_sp|Q1343SF3B2	Splicing factor 3B	93.80	0.00
TRINITY_sp|P1893MT-ND3	NADH-ubiquinone oxi	93.80	0.00
TRINITY_sp|P4265-	14-3-3-like protein	93.80	0.00
TRINITY_sp|P0084Mtatp6	ATP synthase subuni	93.80	0.00
TRINITY_sp|P1223SLC25A6	ADP/ATP translocase	93.70	0.00
TRINITY_sp|A0CDICFAP20	Cilia- and flagella	93.70	0.00
TRINITY_sp|P7925ATP6V1G1	V-type proton ATPas	93.70	0.00
TRINITY_sp|Q90YCrps21	40S ribosomal prote	93.70	0.00
TRINITY_sp|Q9SQ1lhca-P4	Chlorophyll a-b bin	93.60	0.00
TRINITY_sp|Q9ZTIRPE	Ribulose-phosphate	93.60	0.00
TRINITY_sp|Q9FKVLFNR1	Ferredoxin--NADP re	93.60	0.00
TRINITY_sp|P1894MT-CO2	Cytochrome c oxidas	93.60	0.00
TRINITY_sp|P7924RPL37	60S ribosomal prote	93.50	0.00

TRINITY_sp|Q9LRFGLO1	Peroxisomal (S)-2-h	93.50	0.00
TRINITY_sp|Q9M38RPL17	50S ribosomal prote	93.50	0.00
TRINITY_sp|Q9137eef1g-b	Elongation factor 1	93.50	0.00
TRINITY_sp|P0041MT-CO3	Cytochrome c oxidas	93.50	0.00
TRINITY_sp|Q2F70gag-pol	Gag-Pol polyprotein	93.50	0.00
TRINITY_sp|Q0808CHSP70	Stromal 70 kDa heat	93.50	0.00
TRINITY_sp|Q9FUM-	Elongation factor 1	93.50	0.00
TRINITY_sp|Q9148rpl13a	60S ribosomal prote	93.40	0.00
TRINITY_sp|P3286psaD	Photosystem I react	93.30	0.00
TRINITY_sp|Q9XI0PBC1	Proteasome subunit	93.30	0.00
TRINITY_sp|P0CH2-	Ubiquitin-60S ribos	93.30	0.00
TRINITY_sp|Q8DR8radA	DNA repair protein	93.30	0.00
TRINITY_sp|Q4122PSAEA	Photosystem I react	93.30	0.00
TRINITY_sp|Q0166LHCA1	Chlorophyll a-b bin	93.20	0.00
TRINITY_sp|P2752CAB8	Chlorophyll a-b bin	93.20	0.00
TRINITY_sp|Q0870PIP1-3	Aquaporin PIP1-3 OS	93.20	0.00
TRINITY_sp|P0335gag-pol	Gag-Pol polyprotein	93.20	0.00
TRINITY_sp|Q5E99RPS6	40S ribosomal prote	93.20	0.00
TRINITY_sp|A5JS8SERF2	Small EDRK-rich fac	93.20	0.00
TRINITY_sp|Q4VITCALR	Calreticulin OS=Chl	93.20	0.00
TRINITY_sp|Q7ZW2chmp2a	Charged multivesicu	93.10	0.00
TRINITY_sp|Q9SDMLHC	Chlorophyll a-b bin	93.10	0.00
TRINITY_sp|Q9613mt-co3	Cytochrome c oxidas	93.10	0.00
TRINITY_sp|Q5E99RPS6	40S ribosomal prote	93.10	0.00
TRINITY_sp|P3725psbB	Photosystem II CP47	93.10	0.00
TRINITY_sp|P4994-	Ferritin, heavy sub	93.10	0.00
TRINITY_sp|P6293PPIA	Peptidyl-prolyl cis	93.10	0.00
TRINITY_sp|P2752CAB215	Chlorophyll a-b bin	93.10	0.00
TRINITY_sp|P4568PA3623	Lipoprotein NlpD/Lp	93.10	0.00
TRINITY_sp|P938(-	Phosphoglucomutase,	93.00	0.00
TRINITY_sp|P2748CAB13	Chlorophyll a-b bin	92.90	0.00
TRINITY_sp|P2498MT-CO1	Cytochrome c oxidas	92.90	0.00
TRINITY_sp|Q4319LOX1.5	Probable linoleate	92.80	0.00
TRINITY_sp|P1093PETH	Ferredoxin--NADP re	92.80	0.00
TRINITY_sp|P4788RPS4	40S ribosomal prote	92.80	0.00
TRINITY_sp|P0015MT-CYB	Cytochrome b OS=Hom	92.80	0.00
TRINITY_sp|P1995-	40S ribosomal prote	92.80	0.00
TRINITY_sp|P0899HTA3	Histone H2A.Z OS=Te	92.80	0.00
TRINITY_sp|P0914psaB	Photosystem I P700	92.80	0
TRINITY_sp|P0041mt-Co3	Cytochrome c oxidas	92.70	0.00
TRINITY_sp|Q9FF5PIP2-4	Probable aquaporin	92.60	0.00
TRINITY_sp|P3154CD4B	ATP-dependent Clp p	92.60	0.00
TRINITY_sp|O4855RPL17	60S ribosomal prote	92.60	0.00
TRINITY_sp|Q0206PSBS	Photosystem II 22 k	92.60	0.00
TRINITY_sp|Q90YHrps6	40S ribosomal prote	92.60	0.00
TRINITY_sp|P1427cabII-1	Chlorophyll a-b bin	92.60	0.00
TRINITY_sp|P4972petC	Cytochrome b6-f com	92.60	0.00
TRINITY_sp|P6914-	Histone H3 OS=Tetra	92.60	0.00
TRINITY_sp|Q9SIHSP90-5	Heat shock protein	92.60	0.00
TRINITY_sp|P3987RPL3	60S ribosomal prote	92.50	0.00
TRINITY_sp|O4864ARF1	ADP-ribosylation fa	92.50	0.00
TRINITY_sp|Q1LZFDDRGRK1	DDRGRK domain-contai	92.50	0.00
TRINITY_sp|Q3957YPTC4	GTP-binding protein	92.40	0.00
TRINITY_sp|P4920RPS18	40S ribosomal prote	92.30	0.00
TRINITY_sp|P1427cabII-1	Chlorophyll a-b bin	92.30	0.00
TRINITY_sp|Q9FW0HAC12	Histone acetyltrans	92.30	0.00

TRINITY_sp|O2286RPL38A	60S ribosomal prote	92.30	0.00
TRINITY_sp|Q90Y7rpl32	60S ribosomal prote	92.20	0.00
TRINITY_sp|Q4045PSBO	Oxygen-evolving enh	92.20	0.00
TRINITY_sp|P0396MT-ND4	NADH-ubiquinone oxi	92.20	0.00
TRINITY_sp|P2652atpA	ATP synthase subuni	92.20	0.00
TRINITY_sp|P0036MT-CO1	Cytochrome c oxidas	92.10	0.00
TRINITY_sp|P3057-	Metallothionein-lik	92.10	0.00
TRINITY_sp|Q8WY6CHCHD10	Coiled-coil-helix-c	92.10	0.00
TRINITY_sp|Q0856ACO1	1-aminocyclopropane	92.00	0.00
TRINITY_sp|P5276trs-1	Threonine--tRNA lig	92.00	0.00
TRINITY_sp|Q0806CHSP70	Stromal 70 kDa heat	91.90	0.00
TRINITY_sp|Q95L4EIF4G2	Eukaryotic translat	91.90	0.00
TRINITY_sp|P2584HSP70	Heat shock 70 kDa p	91.90	0.00
TRINITY_sp|P2124CPN60B1	Chaperonin 60 subun	91.90	0.00
TRINITY_sp|Q6UN7RPL5	60S ribosomal prote	91.80	0.00
TRINITY_sp|Q4267TKT3	Transketolase, chlo	91.80	0.00
TRINITY_sp|Q7RT6PHF5A	PHD finger-like dom	91.80	0.00
TRINITY_sp|Q4142PCM3	Putative calmodulin	91.80	0.00
TRINITY_sp|P0386MT-ND1	NADH-ubiquinone oxi	91.80	0.00
TRINITY_sp|Q0743HSP70	Heat shock 70 kDa p	91.80	0.00
TRINITY_sp|P1605PSBP	Oxygen-evolving enh	91.80	0.00
TRINITY_sp|P0036Mtco1	Cytochrome c oxidas	91.70	0.00
TRINITY_sp|P0046Mtco2	Cytochrome c oxidas	91.70	0.00
TRINITY_sp|O2396GDCST	Aminomethyltransfer	91.70	0.00
TRINITY_sp|Q9ZS6ABC18	UPF0051 protein ABC	91.70	0.00
TRINITY_sp|P0386Mtnd3	NADH-ubiquinone oxi	91.70	0.00
TRINITY_sp|Q9FS6IMD1	Malate dehydrogenas	91.70	0.00
TRINITY_sp|P0386Mtnd1	NADH-ubiquinone oxi	91.50	0.00
TRINITY_sp|Q3966IDA4	28 kDa inner dynein	91.40	0.00
TRINITY_sp|P0C16PETN	Cytochrome b6-f com	91.40	0.00
TRINITY_sp|P2086-	Chlorophyll a-b bin	91.40	0.00
TRINITY_sp|Q4006Amz2	Archaemetzincin-2 O	91.30	0.00
TRINITY_sp|P2636-	Phosphoribulokinase	91.30	0.00
TRINITY_sp|P2746CAB40	Chlorophyll a-b bin	91.30	0.00
TRINITY_sp|Q9SA6CSP41B	Chloroplast stem-lo	91.20	0.00
TRINITY_sp|Q6K56GAPC3	Glyceraldehyde-3-ph	91.20	0.00
TRINITY_sp|Q3956-	Dynein 8 kDa light	91.20	0.00
TRINITY_sp|P4136HHT3	Histone H3.3 OS=Tet	91.20	0.00
TRINITY_sp|Q9SY6LHCA3	Photosystem I chlor	91.20	0.00
TRINITY_sp|Q3SY6RPL9	60S ribosomal prote	91.20	0.00
TRINITY_sp|A4XY6smpB	SsrA-binding protei	91.10	0.00
TRINITY_sp|P1946-	Malate dehydrogenas	91.00	0.00
TRINITY_sp|B7EA7Os08g056	Puromycin-sensitive	91.00	0.00
TRINITY_sp|O9686Cdlc2	Dynein light chain	91.00	0.00
TRINITY_sp|P4846TPIP1	Triosephosphate iso	90.90	0.00
TRINITY_sp|P3666-	50S ribosomal prote	90.90	0.00
TRINITY_sp|Q9FJ6RPS3C	40S ribosomal prote	90.90	0.00
TRINITY_sp|P1896MT-ND4	NADH-ubiquinone oxi	90.80	0.00
TRINITY_sp|P4636RPS28	40S ribosomal prote	90.80	0.00
TRINITY_sp|Q9LR6GLO2	Peroxisomal (S)-2-h	90.70	0.00
TRINITY_sp|Q4142PCM3	Putative calmodulin	90.70	0.00
TRINITY_sp|P0386MT-ND2	NADH-ubiquinone oxi	90.70	0.00
TRINITY_sp|Q4126FLBR	Leghemoglobin reduc	90.60	0.00
TRINITY_sp|Q4QY6rpsa	40S ribosomal prote	90.60	0.00
TRINITY_sp|P0396Mtnd5	NADH-ubiquinone oxi	90.60	0.00
TRINITY_sp|P1476ubqB	Ubiquitin-60S ribos	90.60	0.00

TRINITY_sp|P0386MT-ND3	NADH-ubiquinone oxi	90.60	0.00
TRINITY_sp|P4835CAT1	Catalase isozyme 1	90.60	0.00
TRINITY_sp|Q9SM(-	V-type proton ATPas	90.60	0.00
TRINITY_sp|Q0319PMA4	Plasma membrane ATP	90.50	0.00
TRINITY_sp|O4864GPX6	Probable phospholip	90.50	0.00
TRINITY_sp|P5141Rpl9	60S ribosomal prote	90.40	0.00
TRINITY_sp|P0391Mtnd4	NADH-ubiquinone oxi	90.40	0.00
TRINITY_sp|P529(-	14-3-3-like protein	90.40	0.00
TRINITY_sp|Q7XJ9GAS8	Growth arrest-speci	90.40	0.00
TRINITY_sp|P4111rps11	40S ribosomal prote	90.40	0.00
TRINITY_sp|Q7RTVPHF5A	PHD finger-like dom	90.30	0.00
TRINITY_sp|Q9SLQPSBP	Oxygen-evolving enh	90.20	0.00
TRINITY_sp|Q8LPABCE2	ABC transporter E f	90.20	0.00
TRINITY_sp|O2025-	Transketolase, chlo	90.20	0.00
TRINITY_sp|Q8W17Cyp1	Peptidyl-prolyl cis	90.10	0.00
TRINITY_sp|P5056H2B	Histone H2B.1 OS=Ch	90.10	0.00
TRINITY_sp|P0899HTB1	Histone H2B.1 OS=Te	90.10	0.00
TRINITY_sp|Q3T0URPL14	60S ribosomal prote	90.00	0.00
TRINITY_sp|P4931CAT1	Catalase isozyme 1	90.00	0.00
TRINITY_sp|P1896MT-ND2	NADH-ubiquinone oxi	90.00	0.00
TRINITY_sp|P2352-	2-methyl-6-phytyl-1	90.00	0.00
TRINITY_sp|Q7X99RCA2	Ribulose biphospha	90.00	0.00
TRINITY_sp|Q6ZDSDH1	Succinate dehydroge	90.00	0.00
TRINITY_sp|A0CCI Ppx4	Serine/threonine-pr	90.00	0.00
TRINITY_sp|O8179IDH3	Isocitrate dehydrog	90.00	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	90.00	0.00
TRINITY_sp|Q90Y1rpl35a	60S ribosomal prote	90.00	0.00
TRINITY_sp|P0DI1At2g300	(PHD finger-like dom	89.90	0.00
TRINITY_sp|P4783rpl27a	60S ribosomal prote	89.90	0.00
TRINITY_sp|Q9XF9PIP1-2	Aquaporin PIP1-2 OS	89.90	0.00
TRINITY_sp|P2651GAPC	Glyceraldehyde-3-ph	89.90	0.00
TRINITY_sp|Q0325RBG7	Glycine-rich RNA-bi	89.80	0.00
TRINITY_sp|P5056H2A-II	Histone H2A OS=Chla	89.80	0.00
TRINITY_sp|P2872-	Formate--tetrahydro	89.70	0.00
TRINITY_sp|P2946TPT	Triose phosphate/ph	89.70	0.00
TRINITY_sp|P0964CTSL	Cathepsin L1 (Fragm	89.70	0.00
TRINITY_sp|Q4267TKT3	Transketolase, chlo	89.70	0.00
TRINITY_sp|O2466AS	Asparagine syntheta	89.70	0.00
TRINITY_sp|P9333GAPN	NADP-dependent glyc	89.60	0.00
TRINITY_sp|Q4122PSAEA	Photosystem I react	89.60	0.00
TRINITY_sp|Q9S7EGGAT2	Glutamate--glyoxyla	89.60	0.00
TRINITY_sp|Q9SLQPSBP	Oxygen-evolving enh	89.60	0.00
TRINITY_sp|P8241PSRP3	30S ribosomal prote	89.60	0.00
TRINITY_sp|P3436prp-8	Pre-mRNA-splicing f	89.50	0.00
TRINITY_sp|Q3T02RPL17	60S ribosomal prote	89.50	0.00
TRINITY_sp|Q3905CO	Zinc finger protein	89.50	0.00
TRINITY_sp|P307(RPL9	60S ribosomal prote	89.40	0.00
TRINITY_sp|P4853APX1	L-ascorbate peroxid	89.40	0.00
TRINITY_sp|P3657RPL4	60S ribosomal prote	89.40	0.00
TRINITY_sp|Q9PVVc8b	Complement componen	89.40	0.00
TRINITY_sp|Q6VAI-	Tubulin alpha-4 cha	89.30	0.00
TRINITY_sp|P350(-	Histone H2B.1/H2B.2	89.30	0.00
TRINITY_sp|P5036GAPA	Glyceraldehyde-3-ph	89.30	0.00
TRINITY_sp|Q680IRPS29A	40S ribosomal prote	89.30	0.00
TRINITY_sp|P4963-	Ubiquitin-60S ribos	89.30	0.00
TRINITY_sp|Q8W17PK	Pyridoxal kinase OS	89.30	0.00

TRINITY_sp|Q8VZ5RPL35	50S ribosomal prote	89.20	0.00
TRINITY_sp|Q9ZSVTCTP	Translationally-con	89.20	0.00
TRINITY_sp|Q9SA7YchF1	Obg-like ATPase 1 O	89.10	0.00
TRINITY_sp|P4994-	Ferritin, heavy sub	89.00	0.00
TRINITY_sp|Q944CFBA2	Fructose-bisphospha	88.90	0.00
TRINITY_sp|O6481At2g2309	Uncharacterized pro	88.90	0.00
TRINITY_sp|P1235PSAG	Photosystem I react	88.90	0.00
TRINITY_sp|Q6EU5PIP1-1	Aquaporin PIP1-1 OS	88.90	0.00
TRINITY_sp|Q3929-	DNA-directed RNA po	88.90	0.00
TRINITY_sp|P0231-	Histone H4, major O	88.90	0.00
TRINITY_sp|B7G81PHATRDR7	Translation factor	88.90	0.00
TRINITY_sp|P3783PFL	Formate acetyltrans	88.90	0.00
TRINITY_sp|Q5XJ1gapdh	Glyceraldehyde-3-ph	88.80	0.00
TRINITY_sp|P1136gag	Retrovirus-related	88.70	0.00
TRINITY_sp|P2752CAP10A	Chlorophyll a-b bin	88.70	0.00
TRINITY_sp|P6914-	Histone H3 OS=Tetra	88.70	0.00
TRINITY_sp|O7866mt-cyb	Cytochrome b OS=Car	88.70	0.00
TRINITY_sp|O2216At2g4486	Probable ribosome b	88.70	0.00
TRINITY_sp|Q9SV6NIP5-1	Probable aquaporin	88.60	0.00
TRINITY_sp|Q9AX9-	Eukaryotic translat	88.60	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	88.60	0.00
TRINITY_sp|Q9FNECHLH	Magnesium-chelatase	88.60	0.00
TRINITY_sp|Q58D1RPL7	60S ribosomal prote	88.50	0.00
TRINITY_sp|Q56Y7AGT1	Serine--glyoxylate	88.50	0.00
TRINITY_sp|Q3868-	V-type proton ATPas	88.50	0.00
TRINITY_sp|P5577mt-co3	Cytochrome c oxidas	88.40	0.00
TRINITY_sp|P2752CAP10A	Chlorophyll a-b bin	88.30	0.00
TRINITY_sp|P0CH2-	Ubiquitin-60S ribos	88.30	0.00
TRINITY_sp|P6128RPL12	60S ribosomal prote	88.30	0.00
TRINITY_sp|Q9S91HSP70-5	Heat shock 70 kDa p	88.30	0.00
TRINITY_sp|A8HS4CHLREDR7	40S ribosomal prote	88.30	0.00
TRINITY_sp|P0C22crp-79	Ubiquitin-60S ribos	88.30	0.00
TRINITY_sp|P1235PSAF	Photosystem I react	88.20	0.00
TRINITY_sp|P4114HSP90B1	Endoplasmin OS=Cani	88.20	0.00
TRINITY_sp|O8143PAP1	Probable plastid-li	88.20	0.00
TRINITY_sp|Q5AD9HHT3	Histone H3.3 OS=Can	88.20	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	88.20	0
TRINITY_sp|Q9SU1PSAK	Photosystem I react	88.20	0.00
TRINITY_sp|A2XK1OsI_0126	Costars family prot	88.10	0.00
TRINITY_sp|P5521CGS1	Cystathionine gamma	88.10	0.00
TRINITY_sp|Q9AR2CTH1	Magnesium-protoporp	88.10	0.00
TRINITY_sp|O934actb	Actin, cytoplasmic	88.00	0.00
TRINITY_sp|Q9CA6CHLP	Geranylgeranyl diph	88.00	0.00
TRINITY_sp|P9754Nptn	Neuroplastin OS=Rat	87.90	0.00
TRINITY_sp|P5932Eif5	Eukaryotic translat	87.90	0.00
TRINITY_sp|O8908Rbm3	RNA-binding protein	87.80	0.00
TRINITY_sp|Q3SZ1RPN2	Dolichyl-diphosphoo	87.80	0.00
TRINITY_sp|Q9SSI PRP8A	Pre-mRNA-processing	87.80	0.00
TRINITY_sp|Q9AR2CTH1	Magnesium-protoporp	87.80	0.00
TRINITY_sp|Q7YKVchlN	Light-independent p	87.80	0.00
TRINITY_sp|Q8TGMART2	Putative uncharacte	87.70	0.00
TRINITY_sp|Q3956ODA4	Dynein beta chain,	87.70	0
TRINITY_sp|P3568RPL3	60S ribosomal prote	87.70	0.00
TRINITY_sp|Q9SIFCYP18-2	Peptidyl-prolyl cis	87.70	0.00
TRINITY_sp|P8387TXNL4A	Thioredoxin-like pr	87.70	0.00
TRINITY_sp|Q8RX1TYW1	S-adenosyl-L-methio	87.60	0.00

TRINITY_sp|Q9SZIRPT2A	26S proteasome regu	87.60	0.00
TRINITY_sp|Q9LY7CSP41A	Chloroplast stem-lo	87.50	0.00
TRINITY_sp|Q9FW6HAC12	Histone acetyltrans	87.50	0.00
TRINITY_sp|Q9SL(ATG8D	Autophagy-related p	87.50	0.00
TRINITY_sp|P5056H2A-II	Histone H2A OS=Chla	87.50	0.00
TRINITY_sp|Q9H88METTL7A	Methyltransferase-1	87.50	0.00
TRINITY_sp|O8092RPL36A	60S ribosomal prote	87.40	0.00
TRINITY_sp|Q56Y7AGT1	Serine--glyoxylate	87.40	0.00
TRINITY_sp|Q54L7smc4	Structural maintena	87.40	0.00
TRINITY_sp|P3226CYSK	Cysteine synthase,	87.30	0.00
TRINITY_sp|Q8JJ6fabp1	Fatty acid-binding	87.20	0.00
TRINITY_sp|P0389Mtnd2	NADH-ubiquinone oxi	87.20	0.00
TRINITY_sp|Q3961psaD	Photosystem I react	87.20	0.00
TRINITY_sp|C1F97thrS	Threonine--tRNA lig	87.10	0.00
TRINITY_sp|A2XJ3OsI_012	(Chlorophyll a-b bin	87.10	0.00
TRINITY_sp|P4852PPX2	Serine/threonine-pr	87.00	0.00
TRINITY_sp|Q9STI-	Calreticulin OS=Chl	87.00	0.00
TRINITY_sp|Q9C9VHPR	Glycerate dehydroge	87.00	0.00
TRINITY_sp|O6555CIPK6	CBL-interacting ser	86.90	0.00
TRINITY_sp|P1148TUBA1	Tubulin alpha-1/alp	86.90	0.00
TRINITY_sp|P0C22crp-79	Ubiquitin-60S ribos	86.90	0.00
TRINITY_sp|Q4014CYP-3	Cysteine proteinase	86.80	0.00
TRINITY_sp|P4921RPL32A	60S ribosomal prote	86.80	0.00
TRINITY_sp|P4935-	Serine hydroxymethy	86.80	0.00
TRINITY_sp|Q9MI7mt-co1	Cytochrome c oxidas	86.80	0.00
TRINITY_sp|P2579TRG-31	Probable aquaporin	86.70	0.00
TRINITY_sp|Q8LZ9mt-cyb	Cytochrome b OS=Aeq	86.70	0.00
TRINITY_sp|O2266RPL5	60S ribosomal prote	86.70	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	86.70	0.00
TRINITY_sp|P1686-	Histone H2B.3 OS=Vo	86.70	0.00
TRINITY_sp|P4273RPS13	30S ribosomal prote	86.60	0.00
TRINITY_sp|P0783act1	Major actin OS=Dict	86.60	0.00
TRINITY_sp|P2635TFIID	TATA-box-binding pr	86.60	0.00
TRINITY_sp|Q94SI7mt-cyb	Cytochrome b OS=Dac	86.50	0.00
TRINITY_sp|P4629RPS23	40S ribosomal prote	86.50	0.00
TRINITY_sp|P2934RPS1	30S ribosomal prote	86.40	0.00
TRINITY_sp|Q9AR2CTH1	Magnesium-protoporp	86.30	0.00
TRINITY_sp|Q2QV6CLPC2	Chaperone protein C	86.30	0.00
TRINITY_sp|P4646TBP1	26S protease regula	86.20	0.00
TRINITY_sp|O2255-	V-type proton ATPas	86.20	0.00
TRINITY_sp|P5426GDCST	Aminomethyltransfer	86.20	0.00
TRINITY_sp|P4817MT-ND1	NADH-ubiquinone oxi	86.10	0.00
TRINITY_sp|F4J36CTPA3	Carboxyl-terminal-p	86.10	0.00
TRINITY_sp|F6H77THI1-2	Thiamine thiazole s	86.10	0.00
TRINITY_sp|P2268-	Chlorophyll a-b bin	86.10	0.00
TRINITY_sp|P3168ENO	Enolase (Fragment)	86.00	0.00
TRINITY_sp|Q8LG6TDT	Tonoplast dicarboxy	85.90	0.00
TRINITY_sp|Q9SB8PER42	Peroxidase 42 OS=Ar	85.90	0.00
TRINITY_sp|Q6K66Os02g07	Leucine aminopeptid	85.90	0.00
TRINITY_sp|Q9481-	Ferritin-3, chlorop	85.80	0.00
TRINITY_sp|P4827rps4	30S ribosomal prote	85.80	0.00
TRINITY_sp|Q9U71-	Histone H3 OS=Masti	85.80	0.00
TRINITY_sp|P3259GLC7	Serine/threonine-pr	85.80	0.00
TRINITY_sp|A0CCI7Ppx4	Serine/threonine-pr	85.80	0.00
TRINITY_sp|P0189H2-L	H-2 class I histoco	85.80	0.00
TRINITY_sp|P3848ATP2	ATP synthase subuni	85.80	0.00

TRINITY_sp|Q7PXFAGAP001	Ubiquitin-fold modi	85.70	0.00
TRINITY_sp|Q5E9ICHCHD3	MICOS complex subun	85.70	0.00
TRINITY_sp|B9DH7RPL40A	Ubiquitin-60S ribos	85.70	0.00
TRINITY_sp|Q54R5rsrfB	Serum response fact	85.70	0.00
TRINITY_sp|Q94A9UBC35	Ubiquitin-conjugati	85.70	0.00
TRINITY_sp|P0538RPLP2	60S acidic ribosoma	85.70	0.00
TRINITY_sp|Q8RX8PNSB4	Photosynthetic NDH	85.70	0.00
TRINITY_sp|P4848-	Serine/threonine-pr	85.60	0.00
TRINITY_sp|P0258-	Calmodulin OS=Tetra	85.60	0.00
TRINITY_sp|P0CG8TU20	Polyubiquitin OS=Te	85.60	0.00
TRINITY_sp|Q8LFCNRPB10	DNA-directed RNA po	85.50	0.00
TRINITY_sp|O4851RPL13	60S ribosomal prote	85.50	0.00
TRINITY_sp|Q3958YPTC1	GTP-binding protein	85.50	0.00
TRINITY_sp|Q96CEC8orf44	Putative uncharacte	85.40	0.00
TRINITY_sp|P2158CYP	Peptidyl-prolyl cis	85.40	0.00
TRINITY_sp|P4191RAN1	GTP-binding nuclear	85.40	0.00
TRINITY_sp|P5578HSP90-2	Heat shock protein	85.40	0.00
TRINITY_sp|A4GFC-	Profilin-4 OS=Olea	85.40	0.00
TRINITY_sp|O0461CURT1A	Protein CURVATURE T	85.30	0.00
TRINITY_sp|P0908GAPC	Glyceraldehyde-3-ph	85.30	0.00
TRINITY_sp|Q6368Cdc37	Hsp90 co-chaperone	85.30	0.00
TRINITY_sp|Q9LR8GGAT1	Glutamate--glyoxyla	85.20	0.00
TRINITY_sp|O0408-	Acyl-CoA-binding pr	85.20	0.00
TRINITY_sp|Q8YZ8trpB1	Tryptophan synthase	85.20	0.00
TRINITY_sp|Q9Y08ppp4c	Serine/threonine-pr	85.20	0.00
TRINITY_sp|Q6P28PRPF8	Pre-mRNA-processing	85.20	0.00
TRINITY_sp|O7418UBC1	Ubiquitin-conjugati	85.10	0.00
TRINITY_sp|P2468HSC-I	Heat shock cognate	85.10	0.00
TRINITY_sp|Q54Y8ints11	Integrator complex	85.10	0.00
TRINITY_sp|P2268-	Chlorophyll a-b bin	85.10	0.00
TRINITY_sp|Q69T8PRXIIIE-1	Peroxiredoxin-2E-1,	85.10	0.00
TRINITY_sp|P4908-	Asparagine syntheta	85.00	0.00
TRINITY_sp|P1688-	Histone H2A-IV OS=V	85.00	0.00
TRINITY_sp|P0848GAPC	Glyceraldehyde-3-ph	84.90	0.00
TRINITY_sp|Q9M28RPS27B	40S ribosomal prote	84.90	0.00
TRINITY_sp|Q9LZ8CDC48E	Cell division contr	84.90	0.00
TRINITY_sp|Q8BW8Dnah3	Dynein heavy chain	84.80	0.00
TRINITY_sp|Q56Y8MAP2B	Methionine aminopep	84.80	0.00
TRINITY_sp|O2308KAB1	Probable voltage-ga	84.80	0.00
TRINITY_sp|Q9PV8c8b	Complement componen	84.80	0.00
TRINITY_sp|O8268HCF136	Photosystem II stab	84.70	0.00
TRINITY_sp|Q9HF8pphA	Serine/threonine-pr	84.70	0.00
TRINITY_sp|P4858pph-1	Serine/threonine-pr	84.60	0.00
TRINITY_sp|O2438-	Plastidic ATP/ADP-t	84.60	0.00
TRINITY_sp|Q8SE8VMT-CO3	Cytochrome c oxidas	84.60	0.00
TRINITY_sp|Q32L8bhmt	Betaine--homocystei	84.60	0.00
TRINITY_sp|Q3908MPK7	Mitogen-activated p	84.60	0.00
TRINITY_sp|Q9SA8CSP41B	Chloroplast stem-lo	84.50	0.00
TRINITY_sp|Q6558FTSH2	ATP-dependent zinc	84.50	0.00
TRINITY_sp|O7418UBC1	Ubiquitin-conjugati	84.50	0.00
TRINITY_sp|Q9ST8VHSP70-6	Heat shock 70 kDa p	84.50	0.00
TRINITY_sp|P1688-	Histone H2B.3 OS=Vo	84.50	0.00
TRINITY_sp|Q4JQ8FMT-ND4	NADH-ubiquinone oxi	84.40	0.00
TRINITY_sp|P0858tuba	Tubulin alpha chain	84.40	0.00
TRINITY_sp|Q9C68LSM3B	Sm-like protein LSM	84.40	0.00
TRINITY_sp|Q6558FTSH2	ATP-dependent zinc	84.40	0.00

TRINITY_sp|Q94E5PR46a	Ubiquitin-fold modi	84.40	0.00
TRINITY_sp|Q9M17LSM6A	Sm-like protein LSM	84.40	0.00
TRINITY_sp|Q9ZVINFYC3	Nuclear transcripti	84.40	0.00
TRINITY_sp|O6505RPS15	40S ribosomal prote	84.40	0.00
TRINITY_sp|P4677RPL5	60S ribosomal prote	84.30	0.00
TRINITY_sp|P2086-	Chlorophyll a-b bin	84.30	0.00
TRINITY_sp|P8387TXNL4A	Thioredoxin-like pr	84.30	0.00
TRINITY_sp|P5472Rad23a	UV excision repair	84.20	0.00
TRINITY_sp|Q3Y81DAW1	Dynein assembly fac	84.20	0.00
TRINITY_sp|O2371PBB1	Proteasome subunit	84.00	0.00
TRINITY_sp|Q56Y7AGT1	Serine--glyoxylate	84.00	0.00
TRINITY_sp|Q6KA6RPL39A	60S ribosomal prote	84.00	0.00
TRINITY_sp|P1285PSBO	Oxygen-evolving enh	84.00	0.00
TRINITY_sp|Q9STVHSP70-6	Heat shock 70 kDa p	84.00	0.00
TRINITY_sp|Q3956ODA4	Dynein beta chain,	83.90	0
TRINITY_sp|Q9SSI PRP8A	Pre-mRNA-processing	83.90	0
TRINITY_sp|Q9STI-	Calreticulin OS=Chl	83.80	0.00
TRINITY_sp|A2XFC TOP6A3	DNA topoisomerase 6	83.80	0.00
TRINITY_sp|Q9MIYmt-co1	Cytochrome c oxidas	83.80	0.00
TRINITY_sp|P2708ABT	ADP,ATP carrier pro	83.80	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	83.80	0.00
TRINITY_sp|P5573HSP90-2	Heat shock protein	83.70	0.00
TRINITY_sp|A8JB2CCDC65	Coiled-coil domain-	83.70	0.00
TRINITY_sp|Q8W41CYP71	Peptidyl-prolyl cis	83.70	0.00
TRINITY_sp|P385(NIR1	Ferredoxin--nitrite	83.70	0.00
TRINITY_sp|Q4067ALDP	Fructose-bisphospha	83.60	0.00
TRINITY_sp|Q9LY6RPL1	50S ribosomal prote	83.60	0.00
TRINITY_sp|Q8AV8btd	Biotinidase OS=Taki	83.60	0.00
TRINITY_sp|O7851ftsH	ATP-dependent zinc	83.60	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	83.60	0
TRINITY_sp|P0DK6RPT1A	26S protease regula	83.50	0.00
TRINITY_sp|O934(actb	Actin, cytoplasmic	83.50	0.00
TRINITY_sp|Q9SJAAGO5	Protein argonaute 5	83.30	0.00
TRINITY_sp|P0578KRT8	Keratin, type II cy	83.30	0.00
TRINITY_sp|P0922-	Parvalbumin alpha 0	83.30	0.00
TRINITY_sp|Q9M77RPL29A	60S ribosomal prote	83.30	0.00
TRINITY_sp|P4625-	Fructose-bisphospha	83.30	0.00
TRINITY_sp|Q9VLU Sirup	Succinate dehydroge	83.30	0.00
TRINITY_sp|Q7XS6PIP1-2	Probable aquaporin	83.30	0.00
TRINITY_sp|Q9070EEF2	Elongation factor 2	83.30	0.00
TRINITY_sp|Q3961PCKR1	Peptidyl-prolyl cis	83.30	0.00
TRINITY_sp|Q4268HEMB	Delta-aminolevulini	83.30	0.00
TRINITY_sp|Q4362-	Glutathione reducta	83.30	0.00
TRINITY_sp|P4629RPS13	40S ribosomal prote	83.20	0.00
TRINITY_sp|P3687ppplcc-a	Serine/threonine-pr	83.20	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	83.10	0.00
TRINITY_sp|Q9AT3RPS15A	40S ribosomal prote	83.10	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	83.10	0
TRINITY_sp|Q6YU0s02g015	Putative multidrug	83.10	0.00
TRINITY_sp|Q9SSI PRP8A	Pre-mRNA-processing	83.00	0.00
TRINITY_sp|P2585GAPA1	Glyceraldehyde-3-ph	83.00	0.00
TRINITY_sp|Q4046-	Ribulose bisphospha	83.00	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	83.00	0.00
TRINITY_sp|O7722cata	Catalase-A OS=Dicty	82.90	0.00
TRINITY_sp|Q74Z3DPH3	Diphthamide biosynt	82.90	0.00
TRINITY_sp|Q9VH6RpS29	40S ribosomal prote	82.90	0.00

TRINITY_sp|Q2NL1CLPTM1	Cleft lip and palat	82.90	0.00
TRINITY_sp|Q0747LHCB4.1	Chlorophyll a-b bin	82.80	0.00
TRINITY_sp|Q8RWEVTC2	GDP-L-galactose pho	82.80	0.00
TRINITY_sp|P0CG5UBB	Polyubiquitin-B OS=	82.80	0.00
TRINITY_sp|Q9262DHX38	Pre-mRNA-splicing f	82.70	0.00
TRINITY_sp|Q9C5URPT6A	26S protease regula	82.70	0.00
TRINITY_sp|Q9U7I-	Histone H3 OS=Masti	82.70	0.00
TRINITY_sp|Q9FNAAt5g085	NADH dehydrogenase	82.60	0.00
TRINITY_sp|Q9MAIRPT4B	26S protease regula	82.60	0.00
TRINITY_sp|O2324CKS1	Cyclin-dependent ki	82.50	0.00
TRINITY_sp|Q95V8RPL38	60S ribosomal prote	82.50	0.00
TRINITY_sp|Q0I53rpsL	30S ribosomal prote	82.40	0.00
TRINITY_sp|P2156CYP	Peptidyl-prolyl cis	82.40	0.00
TRINITY_sp|P3618HSC80	Heat shock cognate	82.40	0.00
TRINITY_sp|Q9U97ppp6c	Serine/threonine-pr	82.30	0.00
TRINITY_sp|Q0483CP31A	31 kDa ribonucleopr	82.20	0.00
TRINITY_sp|P1285GAPB	Glyceraldehyde-3-ph	82.20	0.00
TRINITY_sp|Q3961psaD	Photosystem I react	82.20	0.00
TRINITY_sp|Q54Y7dhkJ	Hybrid signal trans	82.20	0.00
TRINITY_sp|P3618HSC80	Heat shock cognate	82.20	0.00
TRINITY_sp|Q9441GLYK	D-glycerate 3-kinas	82.20	0.00
TRINITY_sp|Q9AS6PNLS5	Photosynthetic NDH	82.10	0.00
TRINITY_sp|Q9Y26EIF3L	Eukaryotic translat	82.10	0.00
TRINITY_sp|O603(AQR	Intron-binding prot	82.10	0.00
TRINITY_sp|Q9M33rps6	40S ribosomal prote	82.10	0.00
TRINITY_sp|P2586UBC2	Ubiquitin-conjugati	82.10	0.00
TRINITY_sp|P2864CLKR27	3-oxoacyl-[acyl-car	82.10	0.00
TRINITY_sp|Q4268SODA	Superoxide dismutas	82.10	0.00
TRINITY_sp|Q54Y7dhkJ	Hybrid signal trans	82.10	0.00
TRINITY_sp|Q9FG2UBL5	Ubiquitin-like prot	82.10	0.00
TRINITY_sp|P0842rp14-a	60S ribosomal prote	82.00	0.00
TRINITY_sp|P9295KIN11	SNF1-related protei	82.00	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	82.00	0
TRINITY_sp|Q9LY6RPL1	50S ribosomal prote	81.90	0.00
TRINITY_sp|Q3958TUBG	Tubulin gamma chain	81.90	0.00
TRINITY_sp|O4944AAC3	ADP,ATP carrier pro	81.80	0.00
TRINITY_sp|Q9STVHSP70-6	Heat shock 70 kDa p	81.80	0.00
TRINITY_sp|Q5XXEMSH2	DNA mismatch repair	81.80	0.00
TRINITY_sp|O268(msrB	Peptide methionine	81.80	0.00
TRINITY_sp|P3641hspB	Heat shock cognate	81.80	0.00
TRINITY_sp|P1604GDCSH	Glycine cleavage sy	81.80	0.00
TRINITY_sp|P4648-	Malate dehydrogenas	81.80	0.00
TRINITY_sp|P8327hbb2	Hemoglobin subunit	81.70	0.00
TRINITY_sp|O805(RABH1B	Ras-related protein	81.70	0.00
TRINITY_sp|P2348-	Ribulose bisphospha	81.70	0.00
TRINITY_sp|P3123ACO	1-aminocyclopropane	81.60	0.00
TRINITY_sp|Q7X97ARCA1	Ribulose bisphospha	81.60	0.00
TRINITY_sp|A2XN4PP2A2	Serine/threonine-pr	81.60	0.00
TRINITY_sp|P2814TBP1	TATA-box-binding pr	81.60	0.00
TRINITY_sp|Q8LP6ABCE2	ABC transporter E f	81.60	0.00
TRINITY_sp|P0847RBCS	Ribulose bisphospha	81.60	0.00
TRINITY_sp|P0614-	40S ribosomal prote	81.60	0.00
TRINITY_sp|P411(Rp128	60S ribosomal prote	81.50	0.00
TRINITY_sp|Q9XHERPL37A	60S ribosomal prote	81.50	0.00
TRINITY_sp|P0493Fn1	Fibronectin OS=Ratt	81.50	0.00
TRINITY_sp|P5922RPS13B	40S ribosomal prote	81.50	0.00

TRINITY_sp|Q9C94Atlg5274	Probable histone H2	81.50	0.00
TRINITY_sp|Q9C81Atlg3342	PHD finger protein	81.50	0.00
TRINITY_sp|Q4051PSBR	Photosystem II 10 k	81.50	0.00
TRINITY_sp|Q4308-	Histone H4 OS=Pyren	81.40	0.00
TRINITY_sp|Q6ZR(DNAH12	Dynein heavy chain	81.30	0.00
TRINITY_sp|Q4051PSBR	Photosystem II 10 k	81.30	0.00
TRINITY_sp|Q9FR5TOR	Serine/threonine-pr	81.30	0.00
TRINITY_sp|P3016act-1a	Actin-1 OS=Onchocer	81.30	0.00
TRINITY_sp|P5036GAPA	Glyceraldehyde-3-ph	81.30	0.00
TRINITY_sp|P314(VHA55	V-type proton ATPas	81.30	0.00
TRINITY_sp|P2295MED37D	Probable mediator o	81.20	0.00
TRINITY_sp|P0282-	Heat shock 70 kDa p	81.20	0.00
TRINITY_sp|Q6556FTSH2	ATP-dependent zinc	81.20	0.00
TRINITY_sp|Q9SUMAt4g3022	Probable small nucl	81.20	0.00
TRINITY_sp|P2267ARG7	Argininosuccinate l	81.20	0.00
TRINITY_sp|P571(MDH2	Malate dehydrogenas	81.20	0.00
TRINITY_sp|Q4R88HSPA1L	Heat shock 70 kDa p	81.20	0.00
TRINITY_sp|Q0326MYBL2	Myb-related protein	81.10	0.00
TRINITY_sp|Q3T0EPPP1CA	Serine/threonine-pr	81.10	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	81.10	0.00
TRINITY_sp|Q02331NFYB3	Nuclear transcripti	81.10	0.00
TRINITY_sp|P0554Cd8b	T-cell surface glyc	81.00	0.00
TRINITY_sp|Q9LY6RPL1	50S ribosomal prote	81.00	0.00
TRINITY_sp|Q2KH1RPS27	40S ribosomal prote	81.00	0.00
TRINITY_sp|P1379oprF	Outer membrane pori	81.00	0.00
TRINITY_sp|Q9SPICRTZ	Beta-carotene 3-hyd	81.00	0.00
TRINITY_sp|Q9SMFDHC1	Dynein-1-alpha heav	81.00	0
TRINITY_sp|Q9Y24POMP	Proteasome maturati	80.90	0.00
TRINITY_sp|Q8JH7aldob	Fructose-bisphospha	80.90	0.00
TRINITY_sp|Q0806RPS8	40S ribosomal prote	80.90	0.00
TRINITY_sp|P0743BETA	Tubulin beta-1 chai	80.90	0.00
TRINITY_sp|P6777PPP2CA	Serine/threonine-pr	80.90	0.00
TRINITY_sp|Q2156M28.5	NHP2-like protein 1	80.80	0.00
TRINITY_sp|Q9ZRIYKT61	VAMP-like protein Y	80.80	0.00
TRINITY_sp|P5481-	26S protease regula	80.80	0.00
TRINITY_sp|P4966RPL19C	60S ribosomal prote	80.70	0.00
TRINITY_sp|Q9FKHLSM5	Sm-like protein LSM	80.70	0.00
TRINITY_sp|Q8TGMART2	Putative uncharacte	80.70	0.00
TRINITY_sp|Q3977-	Acyl-CoA-binding pr	80.60	0.00
TRINITY_sp|P8088petM	Cytochrome b6-f com	80.60	0.00
TRINITY_sp|P692(UB-EP52	Ubiquitin-60S ribos	80.60	0.00
TRINITY_sp|Q54Y2dhkJ	Hybrid signal trans	80.60	0.00
TRINITY_sp|Q3956GSA	Glutamate-1-semiald	80.60	0.00
TRINITY_sp|Q852IHD16	Casein kinase 1-lik	80.60	0.00
TRINITY_sp|Q9AR2CTH1	Magnesium-protoporp	80.60	0.00
TRINITY_sp|Q9SJT1VHA-a2	V-type proton ATPas	80.60	0.00
TRINITY_sp|Q9ZR(FH	Frataxin, mitochond	80.60	0.00
TRINITY_sp|Q2RBN0s11g01	Clathrin heavy chai	80.60	0.00
TRINITY_sp|A8JANDRC7	Dynein regulatory c	80.50	0.00
TRINITY_sp|Q7F9JCLPC1	Chaperone protein C	80.50	0.00
TRINITY_sp|P5476RAN1A	GTP-binding nuclear	80.40	0.00
TRINITY_sp|Q54GMnsa2	Ribosome biogenesis	80.40	0.00
TRINITY_sp|P5477CDC48	Cell division cycle	80.40	0
TRINITY_sp|Q54Y2dhkJ	Hybrid signal trans	80.40	0.00
TRINITY_sp|P1206CAB37	Chlorophyll a-b bin	80.30	0.00
TRINITY_sp|P1507env	Envelope glycoprote	80.30	0.00

TRINITY_sp|P492(RPS18	40S ribosomal prote	80.30	0.00
TRINITY_sp|Q2827FN1	Fibronectin (Fragme	80.30	0.00
TRINITY_sp|Q4266ALDCHL	Fructose-bisphospha	80.30	0.00
TRINITY_sp|Q9UVUUBC1	Ubiquitin-conjugati	80.30	0.00
TRINITY_sp|Q9FJ7RPL26B	60S ribosomal prote	80.30	0.00
TRINITY_sp|Q9SMFDHC1	Dynein-1-alpha heav	80.30	0
TRINITY_sp|P0DI1At2g300	(PHD finger-like dom	80.20	0.00
TRINITY_sp|O0409FD1	Ferredoxin-1, chlor	80.20	0.00
TRINITY_sp|P507(-	Osmotin-like protei	80.20	0.00
TRINITY_sp|Q7X7IELP3	Elongator complex p	80.20	0.00
TRINITY_sp|Q69J4NFYB10	Nuclear transcripti	80.20	0.00
TRINITY_sp|F4IFNPOL2B	DNA polymerase epsi	80.20	0.00
TRINITY_sp|Q9LT(RPN11	26S proteasome non-	80.10	0.00
TRINITY_sp|Q9FNMAt5g085	NADH dehydrogenase	80.10	0.00
TRINITY_sp|P1081sahA	Adenosylhomocystein	80.10	0.00
TRINITY_sp|Q6829RPT2	Root phototropism p	80.00	0.00
TRINITY_sp|O2437LOX2.1	Linoleate 13S-lipox	80.00	0.00
TRINITY_sp|Q8AV8btd	Biotinidase OS=Taki	80.00	0.00
TRINITY_sp|Q8L79RH3	DEAD-box ATP-depend	80.00	0.00
TRINITY_sp|Q5F37UGDH	UDP-glucose 6-dehyd	80.00	0.00
TRINITY_sp|Q9FNMAt5g085	NADH dehydrogenase	80.00	0.00
TRINITY_sp|P3641hspB	Heat shock cognate	80.00	0.00
TRINITY_sp|Q5ZJ(YARS	Tyrosine--tRNA liga	80.00	0.00
TRINITY_sp|P492(RPS18	40S ribosomal prote	80.00	0.00
TRINITY_sp|P5837RpL30	60S ribosomal prote	80.00	0.00
TRINITY_sp|Q6277gsp-2	Serine/threonine-pr	80.00	0.00
TRINITY_sp|Q9FJISMC4	Structural maintena	80.00	0.00
TRINITY_sp|O4989FTRC	Ferredoxin-thioredo	80.00	0.00
TRINITY_sp|P2069bimG	Serine/threonine-pr	79.90	0.00
TRINITY_sp|P392(NDK1	Nucleoside diphosph	79.90	0.00
TRINITY_sp|Q109(Os10g05	(DEAD-box ATP-depend	79.90	0.00
TRINITY_sp|P492(RPS18	40S ribosomal prote	79.80	0.00
TRINITY_sp|Q3924NTR2	Thioredoxin reducta	79.80	0.00
TRINITY_sp|P024(Rp1p2	60S acidic ribosoma	79.70	0.00
TRINITY_sp|P4282LDJ2	DnaJ protein homolo	79.70	0.00
TRINITY_sp|Q54CFmobB	MOB kinase activato	79.70	0.00
TRINITY_sp|Q9P2IDNAH1	Dynein heavy chain	79.70	0.00
TRINITY_sp|Q9JLJSpag6	Sperm-associated an	79.70	0.00
TRINITY_sp|Q9JLJSpag6	Sperm-associated an	79.70	0.00
TRINITY_sp|P5648Atp5b	ATP synthase subuni	79.70	0.00
TRINITY_sp|P4791Rp129	60S ribosomal prote	79.70	0.00
TRINITY_sp|Q9STVHSP70-6	Heat shock 70 kDa p	79.70	0.00
TRINITY_sp|P0538RPLP2	60S acidic ribosoma	79.70	0.00
TRINITY_sp|Q9ZV(CYP22	Peptidyl-prolyl cis	79.60	0.00
TRINITY_sp|Q8LP(ABCE2	ABC transporter E f	79.60	0.00
TRINITY_sp|P8387TXNL4A	Thioredoxin-like pr	79.60	0.00
TRINITY_sp|Q9AT(PDX1	Probable pyridoxal	79.60	0.00
TRINITY_sp|Q3ZB(RPS20	40S ribosomal prote	79.60	0.00
TRINITY_sp|Q9DE2ruvbl2	RuvB-like 2 OS=Xeno	79.60	0.00
TRINITY_sp|P2644S100A4	Protein S100-A4 OS=	79.60	0.00
TRINITY_sp|O8208CCH	Copper transport pr	79.50	0.00
TRINITY_sp|P0868COX1	Cytochrome c oxidas	79.50	0.00
TRINITY_sp|Q9FG2UBL5	Ubiquitin-like prot	79.50	0.00
TRINITY_sp|P4862FAD3	Acyl-lipid omega-3	79.50	0.00
TRINITY_sp|Q94B(RPT6B	26S protease regula	79.50	0.00
TRINITY_sp|P5056H2A-II	Histone H2A OS=Chla	79.50	0.00

TRINITY_sp|Q6P2CPRPF8	Pre-mRNA-processing	79.50	0
TRINITY_sp|Q8WXD DNAH7	Dynein heavy chain	79.50	0.00
TRINITY_sp|Q9SZIRPT2A	26S proteasome regu	79.40	0.00
TRINITY_sp|P2976-	60S acidic ribosoma	79.40	0.00
TRINITY_sp|Q9S7HTS1	Threonine synthase	79.40	0.00
TRINITY_sp|O826GATA9	GATA transcription	79.40	0.00
TRINITY_sp|O650SB62	60S ribosomal prote	79.40	0.00
TRINITY_sp|Q9Y2UBE2D4	Ubiquitin-conjugati	79.30	0.00
TRINITY_sp|P350SAHH	Adenosylhomocystein	79.30	0.00
TRINITY_sp|P329ATPD	ATP synthase delta	79.20	0.00
TRINITY_sp|P221PSAH	Photosystem I react	79.20	0.00
TRINITY_sp|Q8LPLACS6	Long chain acyl-CoA	79.20	0.00
TRINITY_sp|P123PSAE	Photosystem I react	79.20	0.00
TRINITY_sp|Q6PIVFIGNL1	Fidgetin-like prote	79.10	0.00
TRINITY_sp|P1114HSP70	Heat shock 70 kDa p	79.10	0.00
TRINITY_sp|O0264mdh-2	Probable malate deh	79.10	0.00
TRINITY_sp|B9DGIACS	Acetyl-coenzyme A s	79.10	0.00
TRINITY_sp|P462CSBP	Sedoheptulose-1,7-b	79.00	0.00
TRINITY_sp|P5634mind	Putative septum sit	79.00	0.00
TRINITY_sp|Q2QVCLPC2	Chaperone protein C	79.00	0.00
TRINITY_sp|P2896-	Elongation factor 2	78.90	0.00
TRINITY_sp|P3618HSC80	Heat shock cognate	78.90	0.00
TRINITY_sp|Q9UW6pph-3	Serine/threonine-pr	78.90	0.00
TRINITY_sp|Q9MBIDHC10	Dynein-1-beta heavy	78.90	0.00
TRINITY_sp|A1Z0Mhamp	Hepcidin OS=Larimic	78.80	0.00
TRINITY_sp|P3446mog-1	Probable pre-mRNA-s	78.80	0.00
TRINITY_sp|O6498RPT1	26S protease regula	78.80	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	78.80	0.00
TRINITY_sp|Q86A6polr3a	DNA-directed RNA po	78.70	0.00
TRINITY_sp|Q9XI6ELF5A-1	Eukaryotic translat	78.70	0.00
TRINITY_sp|P0C5IIPP2A4	Putative serine/thr	78.70	0.00
TRINITY_sp|Q9SHRUB1	Ubiquitin-NEDD8-lik	78.70	0.00
TRINITY_sp|P2396PSAL	Photosystem I react	78.60	0.00
TRINITY_sp|P1127Fn1	Fibronectin OS=Mus	78.60	0.00
TRINITY_sp|P3506-	Histone H2A OS=Acro	78.60	0.00
TRINITY_sp|P3506-	Histone H2A OS=Acro	78.60	0.00
TRINITY_sp|A8JF7NCS6	Cytoplasmic tRNA 2-	78.60	0.00
TRINITY_sp|P0227HTA1	Histone H2AX OS=Tet	78.60	0.00
TRINITY_sp|P2066bimG	Serine/threonine-pr	78.60	0.00
TRINITY_sp|Q9SL6PGR5	Protein PROTON GRAD	78.40	0.00
TRINITY_sp|P0616PSBR	Photosystem II 10 k	78.40	0.00
TRINITY_sp|Q32PELSM3	U6 snRNA-associated	78.40	0.00
TRINITY_sp|Q93Y6ppa1	Soluble inorganic p	78.40	0.00
TRINITY_sp|Q9LD6CBF5	H/ACA ribonucleopro	78.40	0.00
TRINITY_sp|Q8LK6DME	Transcriptional act	78.40	0.00
TRINITY_sp|Q3774mt-co2	Cytochrome c oxidas	78.40	0.00
TRINITY_sp|A4IJ6mns1	Meiosis-specific nu	78.40	0.00
TRINITY_sp|P2776ODA6	Dynein, 70 kDa inte	78.40	0.00
TRINITY_sp|Q3956ODA4	Dynein beta chain,	78.40	0
TRINITY_sp|Q6QJFSULP2	Sulfate permease 2,	78.30	0.00
TRINITY_sp|O650SB62	60S ribosomal prote	78.30	0.00
TRINITY_sp|Q8LPLABC2	ABC transporter B f	78.30	0.00
TRINITY_sp|Q9H6ITASP1	Threonine aspartase	78.30	0.00
TRINITY_sp|Q6ZR6DNAH12	Dynein heavy chain	78.30	0.00
TRINITY_sp|Q3T0URPL14	60S ribosomal prote	78.20	0.00
TRINITY_sp|A4QNinip7	60S ribosome subuni	78.20	0.00

TRINITY_sp|P484{-	Serine/threonine-pr	78.20	0.00
TRINITY_sp|Q9ULCINO80	DNA helicase INO80	78.10	0.00
TRINITY_sp|Q84U2ERY2	50S ribosomal prote	78.10	0.00
TRINITY_sp|P175(eef1ao	Elongation factor 1	78.10	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	78.10	0.00
TRINITY_sp|P0991PETF	Ferredoxin-1, chlor	78.10	0.00
TRINITY_sp|O603(AQR	Intron-binding prot	78.00	0.00
TRINITY_sp|P0DJ5RPL23	60S ribosomal prote	78.00	0.00
TRINITY_sp|P0783PETF	Ferredoxin, chlorop	78.00	0.00
TRINITY_sp|Q5ZIHCP3F3L	Integrator complex	78.00	0.00
TRINITY_sp|P3641rab7A	Ras-related protein	78.00	0.00
TRINITY_sp|P1285PSBO	Oxygen-evolving enh	78.00	0.00
TRINITY_sp|Q7S6Vrps-28	40S ribosomal prote	78.00	0.00
TRINITY_sp|Q426{-	Malate dehydrogenas	78.00	0.00
TRINITY_sp|Q3957ODA9	Dynein, 78 kDa inte	78.00	0.00
TRINITY_sp|Q9Y0Eppp4c	Serine/threonine-pr	78.00	0.00
TRINITY_sp|P4965RPL23A	60S ribosomal prote	77.90	0.00
TRINITY_sp|P2538GBLP	Guanine nucleotide-	77.90	0.00
TRINITY_sp|Q54QFerKB	Extracellular signa	77.90	0.00
TRINITY_sp|P0227HTA1	Histone H2AX OS=Tet	77.90	0.00
TRINITY_sp|P1545CYC1	Cytochrome c OS=Ch1	77.90	0.00
TRINITY_sp|Q9SE1RPT4A	26S protease regula	77.80	0.00
TRINITY_sp|A81S1ARL3	ADP-ribosylation fa	77.80	0.00
TRINITY_sp|Q2KHUEIF2S3	Eukaryotic translat	77.80	0.00
TRINITY_sp|P0227HTA1	Histone H2AX OS=Tet	77.80	0.00
TRINITY_sp|I2CY2CHLREDR	Acyl-lipid (7-3)-de	77.80	0.00
TRINITY_sp|Q9CA1CKL2	Casein kinase 1-lik	77.80	0.00
TRINITY_sp|Q8H11PGRL1A	PGR5-like protein 1	77.80	0.00
TRINITY_sp|P4911-	Luminal-binding pro	77.70	0.00
TRINITY_sp|Q9C55IPMS2	2-isopropylmalate s	77.70	0.00
TRINITY_sp|P4646TBP1	26S protease regula	77.70	0.00
TRINITY_sp|P1114-	Heat shock 70 kDa p	77.70	0.00
TRINITY_sp|Q1ZX(celp3	Probable elongator	77.70	0.00
TRINITY_sp|Q4319LOX1.5	Probable linoleate	77.60	0.00
TRINITY_sp|A9VE5 13033	Inosine triphosphat	77.60	0.00
TRINITY_sp|P1099-	Actin, cytoplasmic	77.60	0.00
TRINITY_sp|A5EKIgata	Glutamyl-tRNA (Gln)	77.60	0.00
TRINITY_sp|O7553SF3B1	Splicing factor 3B	77.60	0.00
TRINITY_sp|Q3895At3g2656	Probable pre-mRNA-s	77.60	0
TRINITY_sp|P5142RPL39A	60S ribosomal prote	77.60	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	77.60	0
TRINITY_sp|Q5F4FAAT	Aspartate aminotran	77.50	0.00
TRINITY_sp|Q32L7TRAPPC6F	Trafficking protein	77.50	0.00
TRINITY_sp|Q9FXHGOLS2	Galactinol synthase	77.50	0.00
TRINITY_sp|Q3T0EPPP1CA	Serine/threonine-pr	77.50	0.00
TRINITY_sp|Q9MAHISU2	Iron-sulfur cluster	77.50	0.00
TRINITY_sp|P5242PAC1	Proteasome subunit	77.50	0.00
TRINITY_sp|Q9SP(CYP20-1	Peptidyl-prolyl cis	77.50	0.00

TRINITY_sp|P5056(H2A-II	Histone H2A OS=Chla	77.50	0.00
TRINITY_sp|P4275(RPS11	40S ribosomal prote	77.50	0.00
TRINITY_sp|P3414(racB	Rho-related protein	77.50	0.00
TRINITY_sp|Q4266(ATPD	ATP synthase delta	77.50	0.00
TRINITY_sp|Q0276(RPL24	50S ribosomal prote	77.40	0.00
TRINITY_sp|Q9SMFDHC1	Dynein-1-alpha heav	77.40	0.00
TRINITY_sp|P2864-	28 kDa ribonucleopr	77.40	0.00
TRINITY_sp|F4KG3RVE1	Protein REVEILLE 1	77.40	0.00
TRINITY_sp|O5001AP-17	AP-2 complex subuni	77.40	0.00
TRINITY_sp|Q8H51Os07g066(Manganese-dependent		77.40	0.00
TRINITY_sp|A2ZC6SC34	60S ribosomal prote	77.40	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	77.40	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	77.40	0.00
TRINITY_sp|Q9R01Ctsf	Cathepsin F OS=Mus	77.30	0.00
TRINITY_sp|Q2S06(pckA2	Phosphoenolpyruvate	77.30	0.00
TRINITY_sp|P3411cdk5	Cyclin-dependent ki	77.30	0.00
TRINITY_sp|A8HYUMETM	S-adenosylmethionin	77.30	0.00
TRINITY_sp|Q9SE1RPT3	26S protease regula	77.30	0.00
TRINITY_sp|Q9SZ6SHM1	Serine hydroxymethy	77.30	0.00
TRINITY_sp|Q6556FTSH2	ATP-dependent zinc	77.30	0.00
TRINITY_sp|P0DL6(DRC1	Dynein regulatory c	77.20	0.00
TRINITY_sp|P4926(RPS20A	40S ribosomal prote	77.20	0.00
TRINITY_sp|Q9ST1-	Calreticulin OS=Chl	77.20	0.00
TRINITY_sp|Q9FMFRIN1	RuvB-like protein 1	77.20	0.00
TRINITY_sp|P2156(CYP	Peptidyl-prolyl cis	77.20	0.00
TRINITY_sp|P9297APR1	5'-adenylylsulfate	77.10	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	77.10	0.00
TRINITY_sp|Q4301Os06g026(Asparagine syntheta		77.10	0.00
TRINITY_sp|Q2717DHC-8	Dynein heavy chain,	77.10	0.00
TRINITY_sp|Q7F91CLPC1	Chaperone protein C	77.00	0.00
TRINITY_sp|Q56Y6MAP2B	Methionine aminopep	77.00	0.00
TRINITY_sp|A8LP7hslU	ATP-dependent prote	77.00	0.00
TRINITY_sp|Q6ZD1SDH1	Succinate dehydroge	77.00	0.00
TRINITY_sp|P6286RAB1A	Ras-related protein	77.00	0.00
TRINITY_sp|Q7616(RPS15A	40S ribosomal prote	76.90	0.00
TRINITY_sp|Q9636(ARF1	ADP-ribosylation fa	76.90	0.00
TRINITY_sp|O6506SB62	60S ribosomal prote	76.90	0.00
TRINITY_sp|Q54U6(dnapkcs	DNA-dependent prote	76.90	0.00
TRINITY_sp|Q8LQ6FTSH5	ATP-dependent zinc	76.90	0.00
TRINITY_sp|P2226fbl	rRNA 2'-O-methyltra	76.90	0.00
TRINITY_sp|Q54J4pdx1	Probable pyridoxal	76.90	0.00
TRINITY_sp|P1796PSMC3	26S protease regula	76.90	0.00
TRINITY_sp|P5396PETH	Ferredoxin--NADP re	76.90	0.00
TRINITY_sp|Q9LH6(At3g1236Nascent polypeptide		76.90	0.00
TRINITY_sp|P4626(RPL8A	60S ribosomal prote	76.90	0.00
TRINITY_sp|Q9VH6eIF4AIII1Eukaryotic initiati		76.90	0.00
TRINITY_sp|P4931-	Glycine-rich RNA-bi	76.90	0.00
TRINITY_sp|Q9SF6PAH1	Phosphatidate phosp	76.90	0.00
TRINITY_sp|Q9CY6Serbp1	Plasminogen activat	76.80	0.00
TRINITY_sp|P8386-	Histone H2B (Fragme	76.80	0.00
TRINITY_sp|P5186-	ADP-ribosylation fa	76.80	0.00
TRINITY_sp|P5186-	ADP-ribosylation fa	76.80	0.00
TRINITY_sp|P5186-	ADP-ribosylation fa	76.80	0.00
TRINITY_sp|Q9LX6(RPS9B	40S ribosomal prote	76.80	0.00
TRINITY_sp|P4136FTRC	Ferredoxin-thioredo	76.80	0.00
TRINITY_sp|Q9LR6RPL13AB	60S ribosomal prote	76.80	0.00

TRINITY_sp|P514|RPL18AB	60S ribosomal prote	76.80	0.00
TRINITY_sp|P793|PCCB	Propionyl-CoA carbo	76.80	0.00
TRINITY_sp|Q9VU|SmD1	Probable small nucl	76.70	0.00
TRINITY_sp|P378|PFL	Formate acetyltrans	76.70	0.00
TRINITY_sp|P458|RPL31	60S ribosomal prote	76.70	0.00
TRINITY_sp|P485|pph-1	Serine/threonine-pr	76.70	0.00
TRINITY_sp|Q9YGI|SUCLG1	Succinate--CoA liga	76.70	0.00
TRINITY_sp|Q599|trpB	Tryptophan synthase	76.70	0.00
TRINITY_sp|Q9SI|At2g402	Eukaryotic translat	76.70	0.00
TRINITY_sp|O603|AQR	Intron-binding prot	76.70	0.00
TRINITY_sp|P264|HSP70	Heat shock 70 kDa p	76.70	0.00
TRINITY_sp|Q31K|mmnG	tRNA uridine 5-carb	76.70	0.00
TRINITY_sp|P0CT|HTB1	Histone H2B OS=Magn	76.60	0.00
TRINITY_sp|P0CY|RPS23A	40S ribosomal prote	76.60	0.00
TRINITY_sp|Q395|YPTC5	GTP-binding protein	76.60	0.00
TRINITY_sp|Q4G2|DER2.1	Derlin-2.1 OS=Zea m	76.60	0.00
TRINITY_sp|Q2W8|argG	Argininosuccinate s	76.60	0.00
TRINITY_sp|P462|RPL8A	60S ribosomal prote	76.60	0.00
TRINITY_sp|Q8VZI|ASK5	Shaggy-related prot	76.60	0.00
TRINITY_sp|O650|SB62	60S ribosomal prote	76.60	0.00
TRINITY_sp|Q395|ODA2	Dynein gamma chain,	76.60	0
TRINITY_sp|Q9P2|IDNAH1	Dynein heavy chain	76.60	0.00
TRINITY_sp|P9WQ|treS	Trehalose synthase/	76.50	0.00
TRINITY_sp|Q426|GLN1	Glutamine synthetas	76.50	0.00
TRINITY_sp|Q9AUF|Os03g071	Coatomer subunit al	76.50	0.00
TRINITY_sp|Q9LD|CBF5	H/ACA ribonucleopro	76.50	0.00
TRINITY_sp|P843|ACTB	Actin, cytoplasmic	76.40	0.00
TRINITY_sp|Q425|At1g7901	NADH dehydrogenase	76.40	0.00
TRINITY_sp|Q9TW|cypB	Peptidyl-prolyl cis	76.40	0.00
TRINITY_sp|Q9FF|RPL12C	60S ribosomal prote	76.40	0.00
TRINITY_sp|P490|Os12g02	Protein mago nashi	76.40	0.00
TRINITY_sp|Q9ZW|At2g430	3-isopropylmalate d	76.40	0.00
TRINITY_sp|P492|RPS17	40S ribosomal prote	76.40	0.00
TRINITY_sp|Q9LV|BOB1	Protein BOBBER 1 OS	76.40	0.00
TRINITY_sp|P327|RBCS-3	Ribulose bisphospha	76.40	0.00
TRINITY_sp|Q425|At1g7901	NADH dehydrogenase	76.40	0.00
TRINITY_sp|Q431|LOX1.5	Probable linoleate	76.40	0.00
TRINITY_sp|Q9SJ|MBF1A	Multiprotein-bridgi	76.30	0.00
TRINITY_sp|Q94F|CHLI	Magnesium-chelatase	76.30	0.00
TRINITY_sp|Q8GT|SCOA	Succinate--CoA liga	76.30	0.00
TRINITY_sp|O233|NFYB3	Nuclear transcripti	76.30	0.00
TRINITY_sp|Q32P|FCF1	rRNA-processing pro	76.20	0.00
TRINITY_sp|Q32L|H2AFV	Histone H2A.V OS=Bo	76.20	0.00
TRINITY_sp|P0CG|UBB	Polyubiquitin-B OS=	76.20	0.00
TRINITY_sp|P484|Pp1alpha	Serine/threonine-pr	76.20	0.00
TRINITY_sp|Q9NI|cypE	Peptidyl-prolyl cis	76.10	0.00
TRINITY_sp|Q54I|FragA	Ras-related GTP-bin	76.10	0.00
TRINITY_sp|Q9SB|PGK	Phosphoglycerate ki	76.10	0.00
TRINITY_sp|Q9UF|IDNAH17	Dynein heavy chain	76.10	0.00
TRINITY_sp|P0C8|CCRP1	Probable serine/thr	76.10	0.00
TRINITY_sp|Q6C0|SNU13	13 kDa ribonucleopr	76.00	0.00
TRINITY_sp|Q59L|MCSE4	Histone H3-like cen	76.00	0.00
TRINITY_sp|P229|MED37D	Probable mediator o	76.00	0.00
TRINITY_sp|C1MI|MICPUCDF	tRNA-splicing ligas	76.00	0.00
TRINITY_sp|Q9AX|DHS	Deoxyhypusine synth	76.00	0.00
TRINITY_sp|H3JU|SGT1	Peptidyl serine alp	76.00	0.00

TRINITY_sp|Q9DE2	ruvbl2	RuvB-like 2 OS=Xeno	76.00	0.00
TRINITY_sp|Q94J	Atlg542	Protein translation	75.90	0.00
TRINITY_sp|P817	(-	Lysozyme C, spleen	75.90	0.00
TRINITY_sp|Q3BA	1-	Uncharacterized pro	75.90	0.00
TRINITY_sp|Q9YH	1	SDHB Succinate dehydroge	75.90	0.00
TRINITY_sp|Q55C	1	ascc31 Activating signal c	75.90	0.00
TRINITY_sp|Q245	1	EIF6 Eukaryotic translat	75.90	0.00
TRINITY_sp|O803	4	ERF4 Ethylene-responsive	75.90	0.00
TRINITY_sp|Q395	7	ODA2 Dynein gamma chain,	75.90	0
TRINITY_sp|A2Y6	(	CAM2 Calmodulin-2 OS=Ory	75.80	0.00
TRINITY_sp|P044	4	Cd74 H-2 class II histoc	75.80	0.00
TRINITY_sp|P325	(	RPD3 Histone deacetylase	75.80	0.00
TRINITY_sp|Q54Q	1	FerKB Extracellular signa	75.80	0.00
TRINITY_sp|Q5E9	8	RPS5 40S ribosomal prote	75.80	0.00
TRINITY_sp|O576	8	sf3b1 Splicing factor 3B	75.80	0
TRINITY_sp|P206	6	bimG Serine/threonine-pr	75.80	0.00
TRINITY_sp|Q426	8	GLN2 Glutamine synthetas	75.80	0.00
TRINITY_sp|P496	(	RPL23A 60S ribosomal prote	75.80	0.00
TRINITY_sp|Q3BA	1-	Uncharacterized pro	75.70	0.00
TRINITY_sp|Q070	(	PP2A1 Serine/threonine-pr	75.70	0.00
TRINITY_sp|P798	1	tf Serotransferrin OS=	75.70	0.00
TRINITY_sp|Q9SU	(	ALDH2B4 Aldehyde dehydrogen	75.70	0.00
TRINITY_sp|Q949	9	ADS3 Palmitoyl-monogalac	75.70	0.00
TRINITY_sp|O786	8	mt-atp6 ATP synthase subuni	75.60	0.00
TRINITY_sp|A2Y6	(	CAM2 Calmodulin-2 OS=Ory	75.60	0.00
TRINITY_sp|Q086	(	RPS14 40S ribosomal prote	75.60	0.00
TRINITY_sp|P629	(	RAC1 Ras-related C3 botu	75.60	0.00
TRINITY_sp|Q8W2	(	CNS2 COP9 signalosome co	75.60	0.00
TRINITY_sp|P387	(	DYS1 Deoxyhypusine synth	75.60	0.00
TRINITY_sp|Q96C	1	C8orf44 Putative uncharacte	75.60	0.00
TRINITY_sp|P502	5	ALTA Tubulin alpha-1A ch	75.60	0.00
TRINITY_sp|Q039	(	L1818 Chlorophyll a-b bin	75.60	0.00
TRINITY_sp|Q9Y2	(	RUVBL1 RuvB-like 1 OS=Homo	75.60	0.00
TRINITY_sp|Q84K	1	SQD1 UDP-sulfoquinovose	75.60	0.00
TRINITY_sp|Q396	1	ODA11 Dynein alpha chain,	75.60	0.00
TRINITY_sp|O808	4	PMM Phosphomannomutase	75.60	0.00
TRINITY_sp|P314	1	AVP1 Pyrophosphate-energ	75.60	0.00
TRINITY_sp|P546	3	fttB 14-3-3-like protein	75.50	0.00
TRINITY_sp|P364	(	gpbA Guanine nucleotide-	75.50	0.00
TRINITY_sp|Q2II	8	rp1L 50S ribosomal prote	75.50	0.00
TRINITY_sp|Q6LC	1	vch3-II Histone H3 type 2 O	75.50	0.00
TRINITY_sp|P285	5	PDS Phytoene dehydrogen	75.50	0.00
TRINITY_sp|Q6PF	1	ppdpfa Pancreatic progenit	75.40	0.00
TRINITY_sp|Q6PB	1	rp18 60S ribosomal prote	75.40	0.00
TRINITY_sp|A8HU	7	CFAP58 Cilia- and flagella	75.40	0.00
TRINITY_sp|P301	(-	Actin-1 OS=Pisum sa	75.30	0.00
TRINITY_sp|P257	7	Os04g065 Oryzain alpha chain	75.30	0.00
TRINITY_sp|O966	2	arcD Actin-related prote	75.30	0.00
TRINITY_sp|P258	(	UBC1 Ubiquitin-conjugati	75.30	0.00
TRINITY_sp|Q137	3	ATP1A4 Sodium/potassium-tr	75.30	0.00
TRINITY_sp|Q8LS	1	FYPP Phytochrome-associa	75.30	0.00
TRINITY_sp|Q8RV	(	SULP1 Sulfate permease 1,	75.30	0.00
TRINITY_sp|Q9VH	8	EIF4AII Eukaryotic initiati	75.20	0.00
TRINITY_sp|C4IZ	7	TATC Sec-independent pro	75.20	0.00
TRINITY_sp|Q9SC	1	RPS2D 40S ribosomal prote	75.20	0.00
TRINITY_sp|Q9SX	(	PAD1 Proteasome subunit	75.20	0.00

TRINITY_sp|P6777|PPP2CA	Serine/threonine-pr	75.10	0.00
TRINITY_sp|P2635|TBP1	TATA-box-binding pr	75.10	0.00
TRINITY_sp|Q6MVI|dut-1	Deoxyuridine 5'-tri	75.00	0.00
TRINITY_sp|Q95JI|DNAJA1	DnaJ homolog subfam	75.00	0.00
TRINITY_sp|P3403|dhcA	Dynein heavy chain,	75.00	0.00
TRINITY_sp|Q9STI|-	Calreticulin OS=Chl	75.00	0.00
TRINITY_sp|Q6P26|PRPF8	Pre-mRNA-processing	75.00	0.00
TRINITY_sp|Q3998|-	Beta-carotene ketol	75.00	0.00
TRINITY_sp|Q5VRI|HGO	Homogentisate 1,2-d	75.00	0.00
TRINITY_sp|Q6DRH|nop10	H/ACA ribonucleopro	75.00	0.00
TRINITY_sp|Q8H1I|MED37B	Probable mediator o	75.00	0.00
TRINITY_sp|Q3885|DXS	1-deoxy-D-xylulose-	75.00	0.00
TRINITY_sp|Q94AF|IIL1	3-isopropylmalate d	75.00	0.00
TRINITY_sp|Q9C07|rpl37	60S ribosomal prote	75.00	0.00
TRINITY_sp|Q0QHI|-	Probable citrate sy	75.00	0.00
TRINITY_sp|Q1090|Os10g05050	(DEAD-box ATP-depend	74.90	0.00
TRINITY_sp|P3640|ARL2	ADP-ribosylation fa	74.90	0.00
TRINITY_sp|Q0189|-	Heat shock 70 kDa p	74.90	0.00
TRINITY_sp|P6299|RAC1	Ras-related C3 botu	74.90	0.00
TRINITY_sp|Q9DD6|-	Lysozyme C OS=Paral	74.80	0.00
TRINITY_sp|P2580|-	Cysteine proteinase	74.80	0.00
TRINITY_sp|P5466|fttB	14-3-3-like protein	74.80	0.00
TRINITY_sp|P2818|rps13	40S ribosomal prote	74.80	0.00
TRINITY_sp|Q86CF|atg8	Autophagy-related p	74.80	0.00
TRINITY_sp|Q3957|-	Dynein 11 kDa light	74.80	0.00
TRINITY_sp|Q4268|GLN2	Glutamine synthetas	74.80	0.00
TRINITY_sp|Q32L6|bhmt	Betaine--homocystei	74.80	0.00
TRINITY_sp|Q4269|-	RuBisCO large subun	74.80	0.00
TRINITY_sp|P2586|UBC1	Ubiquitin-conjugati	74.70	0.00
TRINITY_sp|Q9LD9|CBF5	H/ACA ribonucleopro	74.70	0.00
TRINITY_sp|O6146|RPL37A	60S ribosomal prote	74.70	0.00
TRINITY_sp|Q9MBI|DHC10	Dynein-1-beta heavy	74.70	0
TRINITY_sp|O8084|PEX11D	Peroxisomal membran	74.70	0.00
TRINITY_sp|Q84XU|PAPP5	Serine/threonine-pr	74.60	0.00
TRINITY_sp|O2370|PAB1	Proteasome subunit	74.60	0.00
TRINITY_sp|O1414|ino80	Putative DNA helica	74.60	0.00
TRINITY_sp|Q6DUH|Rab7b	Ras-related protein	74.60	0.00
TRINITY_sp|Q9AR2|HD6	Casein kinase II su	74.60	0.00
TRINITY_sp|P7981|tf	Serotransferrin OS=	74.60	0.00
TRINITY_sp|P7009|RAD51	DNA repair protein	74.60	0.00
TRINITY_sp|Q0906|TEF	Elongation factor 1	74.60	0.00
TRINITY_sp|P3100|RpS2	40S ribosomal prote	74.60	0.00
TRINITY_sp|P0962|LPD1	Dihydrolypoyl dehyd	74.60	0.00
TRINITY_sp|P8327|hba1	Hemoglobin subunit	74.60	0.00
TRINITY_sp|Q9XXI|H28O16.1	ATP synthase subuni	74.60	0.00
TRINITY_sp|Q9LE8|IRE	Probable serine/thr	74.60	0.00
TRINITY_sp|Q61L7|arf-1.2	ADP-ribosylation fa	74.60	0.00
TRINITY_sp|Q0597|RAB1A	Ras-related protein	74.60	0.00
TRINITY_sp|P4088|-	Carbonic anhydrase,	74.60	0.00
TRINITY_sp|Q0045|RPL27A	60S ribosomal prote	74.50	0.00
TRINITY_sp|Q9P2E|KIF17	Kinesin-like protei	74.50	0.00
TRINITY_sp|O4855|RPL17	60S ribosomal prote	74.50	0.00
TRINITY_sp|P1235|PSAF	Photosystem I react	74.50	0.00
TRINITY_sp|Q9AR2|HD6	Casein kinase II su	74.50	0.00
TRINITY_sp|Q8RW3|CHR11	ISWI chromatin-remo	74.50	0.00
TRINITY_sp|Q852I|HD16	Casein kinase 1-lik	74.50	0.00

TRINITY_sp|Q557HfpaB-1	SCF ubiquitin ligas	74.40	0.00
TRINITY_sp|Q54F3narfl	Probable cytosolic	74.40	0.00
TRINITY_sp|P6299RAC1	Ras-related C3 botu	74.40	0.00
TRINITY_sp|P4464mog	Molybdopterin adeny	74.40	0.00
TRINITY_sp|B0C0EmiaB	tRNA-2-methylthio-N	74.40	0.00
TRINITY_sp|A7MB4RQCD1	Cell differentiatio	74.40	0.00
TRINITY_sp|Q54R0ar18	ADP-ribosylation fa	74.40	0.00
TRINITY_sp|P5201cyn-7	Peptidyl-prolyl cis	74.40	0.00
TRINITY_sp|O598(SPCC550	Putative ATP-depend	74.30	0.00
TRINITY_sp|Q54G5ascc3	Activating signal c	74.30	0.00
TRINITY_sp|Q0072-	Histone H2A type 4	74.30	0.00
TRINITY_sp|Q8LAUGATA1	GATA transcription	74.30	0.00
TRINITY_sp|A8IEIPRMT1	Protein arginine N-	74.30	0.00
TRINITY_sp|Q2569VAPB	V-type proton ATPas	74.20	0.00
TRINITY_sp|P4904-	Vacuolar-processing	74.20	0.00
TRINITY_sp|Q54QEdimt1	Probable dimethylad	74.20	0.00
TRINITY_sp|Q9LEENENO1	Enolase 1 OS=Hevea	74.20	0.00
TRINITY_sp|P0949CLTA	Clathrin light chai	74.20	0.00
TRINITY_sp|Q9BZCDPH1	Diphthamide biosynt	74.20	0.00
TRINITY_sp|Q3956ODA4	Dynein beta chain,	74.20	0
TRINITY_sp|Q8L32FZR2	Protein FIZZY-RELAT	74.20	0.00
TRINITY_sp|P0497CLTB	Clathrin light chai	74.20	0.00
TRINITY_sp|Q9DC7Ndufs7	NADH dehydrogenase	74.10	0.00
TRINITY_sp|Q9DC7Ndufs7	NADH dehydrogenase	74.10	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	74.10	0.00
TRINITY_sp|P3686YPTV3	GTP-binding protein	74.10	0.00
TRINITY_sp|Q9MA7SDC	Serine decarboxylas	74.10	0.00
TRINITY_sp|O2264RPS16	40S ribosomal prote	74.10	0.00
TRINITY_sp|P8183Ppc1	Phosphoenolpyruvate	74.10	0.00
TRINITY_sp|Q9M07AUR1	Serine/threonine-pr	74.10	0.00
TRINITY_sp|Q6ZDSDH1	Succinate dehydroge	74.10	0.00
TRINITY_sp|Q4257At5g117	NADH dehydrogenase	74.10	0.00
TRINITY_sp|P5593-	Probable cyclin-dep	74.00	0.00
TRINITY_sp|P3403dhcA	Dynein heavy chain,	74.00	0.00
TRINITY_sp|P611(RAB2A	Ras-related protein	74.00	0.00
TRINITY_sp|Q5R54ATP5A1	ATP synthase subuni	74.00	0.00
TRINITY_sp|O6508SB62	60S ribosomal prote	74.00	0.00
TRINITY_sp|Q6H53Os09g02	Enoyl-[acyl-carrier	74.00	0.00
TRINITY_sp|Q3901CPK11	Calcium-dependent p	74.00	0.00
TRINITY_sp|O8184PUMP1	Mitochondrial uncou	74.00	0.00
TRINITY_sp|Q9SEJRPT4A	26S protease regula	74.00	0.00
TRINITY_sp|Q54X7aco1	Probable cytoplasmic	74.00	0.00
TRINITY_sp|Q4015HSF8	Heat shock factor p	74.00	0.00
TRINITY_sp|Q9CP9Cox6c	Cytochrome c oxidas	74.00	0.00
TRINITY_sp|Q047(-	Tubulin beta chain	73.90	0.00
TRINITY_sp|Q245HEIF6	Eukaryotic translat	73.90	0.00
TRINITY_sp|Q945URPS15	40S ribosomal prote	73.90	0.00
TRINITY_sp|Q3T0IRPL30	60S ribosomal prote	73.90	0.00
TRINITY_sp|Q9DE2ruvbl1	RuvB-like 1 OS=Xeno	73.90	0.00
TRINITY_sp|Q9409TMN2	Transmembrane 9 sup	73.90	0.00
TRINITY_sp|Q9I81fabp10a	Fatty acid-binding	73.80	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	73.80	0.00
TRINITY_sp|Q54HImybQ	Myb-like protein Q	73.80	0.00
TRINITY_sp|Q1W37-	Phosphomannomutase	73.80	0.00
TRINITY_sp|P1211ATPC	ATP synthase gamma	73.80	0.00
TRINITY_sp|Q9FM6PI4KB1	Phosphatidylinosito	73.80	0.00

TRINITY_sp|P0746CAM	Calmodulin OS=Param	73.80	0.00
TRINITY_sp|Q8H16NBP35	Cytosolic Fe-S clus	73.80	0.00
TRINITY_sp|Q2QM6Os12g0612	2-methyl-6-phytyl-1	73.80	0.00
TRINITY_sp|A8IL6CFAP52	Cilia- and flagella	73.80	0.00
TRINITY_sp|A8J97THI1	Thiamine thiazole s	73.80	0.00
TRINITY_sp|Q9SSI6PRP8A	Pre-mRNA-processing	73.80	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	73.70	0.00
TRINITY_sp|E9L77-	Bifunctional aspart	73.70	0.00
TRINITY_sp|A2YW6HSP81-1	Heat shock protein	73.70	0.00
TRINITY_sp|O4296fkh1	Peptidyl-prolyl cis	73.70	0.00
TRINITY_sp|O0466THRRS	Threonine--tRNA lig	73.70	0.00
TRINITY_sp|Q9466RAP1	Ras-related protein	73.70	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	73.70	0.00
TRINITY_sp|O1546ABCC4	Multidrug resistanc	73.70	0.00
TRINITY_sp|Q3906MPK6	Mitogen-activated p	73.60	0.00
TRINITY_sp|Q9SIF6RPS25B	40S ribosomal prote	73.60	0.00
TRINITY_sp|F4K26FCUV	Pre-mRNA-splicing f	73.60	0.00
TRINITY_sp|Q8IQ6Mocs1	Molybdenum cofactor	73.60	0.00
TRINITY_sp|Q0644-	Cysteine proteinase	73.60	0.00
TRINITY_sp|Q5UAI6RpS4	40S ribosomal prote	73.50	0.00
TRINITY_sp|Q5E96RPS5	40S ribosomal prote	73.50	0.00
TRINITY_sp|O2376PAB1	Proteasome subunit	73.50	0.00
TRINITY_sp|Q54M6dhx16	Putative pre-mRNA-s	73.50	0.00
TRINITY_sp|Q54R6srfB	Serum response fact	73.50	0.00
TRINITY_sp|Q9SL6PGR5	Protein PROTON GRAD	73.50	0.00
TRINITY_sp|P8057-	Alcohol dehydrogena	73.50	0.00
TRINITY_sp|P2686ATPA	ATP synthase subuni	73.50	0.00
TRINITY_sp|A8I26LIP1P	Lipoyl synthase, ch	73.50	0.00
TRINITY_sp|Q3SZ6ISNRPD2	Small nuclear ribon	73.40	0.00
TRINITY_sp|P2296MED37E	Probable mediator o	73.40	0.00
TRINITY_sp|P1706-	Carbonic anhydrase,	73.40	0.00
TRINITY_sp|Q8H86UAM1	UDP-arabinopyranose	73.40	0.00
TRINITY_sp|Q9FJ6ABCF1	ABC transporter F f	73.40	0.00
TRINITY_sp|Q3SZ6ISNRPD2	Small nuclear ribon	73.40	0.00
TRINITY_sp|P1236PSBQ	Oxygen-evolving enh	73.30	0.00
TRINITY_sp|P4626RPS14	40S ribosomal prote	73.30	0.00
TRINITY_sp|O2436-	Plastidic ATP/ADP-t	73.30	0.00
TRINITY_sp|Q54X6sec61a	Protein transport p	73.30	0.00
TRINITY_sp|P4966-	Ubiquitin-60S ribos	73.30	0.00
TRINITY_sp|Q4266SODA	Superoxide dismutas	73.30	0.00
TRINITY_sp|Q8L76BSL1	Serine/threonine-pr	73.30	0.00
TRINITY_sp|Q9T06At4g3886	tRNA-dihydrouridine	73.30	0.00
TRINITY_sp|Q3B86katnal2	Katanin p60 ATPase-	73.30	0.00
TRINITY_sp|Q9C56ACLB-1	ATP-citrate synthas	73.30	0.00
TRINITY_sp|Q6BX6RPS6	40S ribosomal prote	73.20	0.00
TRINITY_sp|Q9506metK	S-adenosylmethionin	73.20	0.00
TRINITY_sp|Q9XX6FH28O16.1	ATP synthase subuni	73.20	0.00
TRINITY_sp|P3646rab14	Ras-related protein	73.10	0.00
TRINITY_sp|Q7576RPS29	40S ribosomal prote	73.10	0.00
TRINITY_sp|P5296-	14-3-3-like protein	73.10	0.00
TRINITY_sp|Q9SF6TIM14-2	Mitochondrial impor	73.10	0.00
TRINITY_sp|Q9SV6DRG3	Developmentally-reg	73.10	0.00
TRINITY_sp|Q8CG6Abcc1	Multidrug resistanc	73.10	0.00
TRINITY_sp|Q94A6UBC35	Ubiquitin-conjugati	73.10	0.00
TRINITY_sp|Q9P36cyp41	41 kDa peptidyl-pro	73.10	0.00
TRINITY_sp|P3836Os02g017	Protein transport p	73.10	0.00

TRINITY_sp|P2213ACTA	Actin-1 OS=Phytopht	73.10	0.00
TRINITY_sp|Q9M06EIF6-2	Eukaryotic translat	73.10	0.00
TRINITY_sp|Q4AE6GPX4	Phospholipid hydrop	73.00	0.00
TRINITY_sp|Q7ZUCsnrpe	Small nuclear ribon	73.00	0.00
TRINITY_sp|P544(-	T-complex protein 1	72.90	0.00
TRINITY_sp|P4252arpC	Actin-related prote	72.90	0.00
TRINITY_sp|Q9LZ6At3g6231	Probable pre-mRNA-s	72.90	0.00
TRINITY_sp|Q4JQ1MT-ND2	NADH-ubiquinone oxi	72.90	0.00
TRINITY_sp|A2T21IFT46	Intraflagellar tran	72.80	0.00
TRINITY_sp|Q9ST6DUT	Deoxyuridine 5'-tri	72.80	0.00
TRINITY_sp|O6112svkA	Serine/threonine-pr	72.80	0.00
TRINITY_sp|Q3957YPTC6	Ras-related protein	72.80	0.00
TRINITY_sp|Q4088MPK1	Mitogen-activated p	72.80	0.00
TRINITY_sp|Q4254FTSZ1	Cell division prote	72.80	0.00
TRINITY_sp|Q0571IGFBP4	Insulin-like growth	72.70	0.00
TRINITY_sp|A8JB1CHLREDR7	Pescadillo homolog	72.70	0.00
TRINITY_sp|Q3SZ6RPL32	60S ribosomal prote	72.70	0.00
TRINITY_sp|Q9LR3RPL27AB	60S ribosomal prote	72.70	0.00
TRINITY_sp|Q8LE5CHMP1A	ESCRT-related prote	72.70	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	72.70	0.00
TRINITY_sp|Q6P26PRPF8	Pre-mRNA-processing	72.70	0.00
TRINITY_sp|Q9FLMNRPB12	DNA-directed RNA po	72.70	0.00
TRINITY_sp|Q6WWVUPL3	E3 ubiquitin-protei	72.70	0.00
TRINITY_sp|Q68E1rab4b	Ras-related protein	72.70	0.00
TRINITY_sp|P479(rps27	40S ribosomal prote	72.70	0.00
TRINITY_sp|P3905-	Dynein beta chain,	72.70	0.00
TRINITY_sp|Q9BSUNAA11	N-alpha-acetyltrans	72.70	0.00
TRINITY_sp|Q1ZX6elp3	Probable elongator	72.60	0.00
TRINITY_sp|Q2797HSPA1A	Heat shock 70 kDa p	72.60	0.00
TRINITY_sp|Q1KV1infA	Translation initiat	72.60	0.00
TRINITY_sp|Q9Y33LSM2	U6 snRNA-associated	72.60	0.00
TRINITY_sp|P4929PCK1	Phosphoenolpyruvate	72.60	0.00
TRINITY_sp|Q9P21DNAH1	Dynein heavy chain	72.50	0.00
TRINITY_sp|Q6F48RpL39	60S ribosomal prote	72.50	0.00
TRINITY_sp|Q6F48RpL39	60S ribosomal prote	72.50	0.00
TRINITY_sp|P4202NDUFS7	NADH dehydrogenase	72.50	0.00
TRINITY_sp|P5025ALTA	Tubulin alpha-1A ch	72.50	0.00
TRINITY_sp|Q2HJ1LSM5	U6 snRNA-associated	72.50	0.00
TRINITY_sp|Q54K6manG	Alpha-mannosidase G	72.50	0.00
TRINITY_sp|O0445CCT5	T-complex protein 1	72.50	0.00
TRINITY_sp|Q56Y8MAP2B	Methionine aminopep	72.50	0.00
TRINITY_sp|A5D8Msbds	Ribosome maturation	72.50	0.00
TRINITY_sp|Q949FMPC1	Mitochondrial pyruv	72.50	0.00
TRINITY_sp|Q75IMOs05g012	Isovaleryl-CoA dehy	72.50	0.00
TRINITY_sp|Q2714EFA2	Elongation factor 1	72.50	0.00
TRINITY_sp|Q8L41CDKB1-1	Cyclin-dependent ki	72.50	0.00
TRINITY_sp|A8JF7NCS6	Cytoplasmic tRNA 2-	72.50	0.00
TRINITY_sp|Q9ZS3CHLP	Geranylgeranyl diph	72.50	0.00
TRINITY_sp|Q4196PSBQ2	Oxygen-evolving enh	72.40	0.00
TRINITY_sp|Q9M06EIF6-2	Eukaryotic translat	72.40	0.00
TRINITY_sp|P4191-	GTP-binding nuclear	72.40	0.00
TRINITY_sp|Q8LA6GATA1	GATA transcription	72.40	0.00
TRINITY_sp|Q7X91PIE1	Protein PHOTOPERIOD	72.40	0.00
TRINITY_sp|P544(-	T-complex protein 1	72.40	0.00
TRINITY_sp|O8239THIC	Phosphomethylpyrimi	72.40	0.00
TRINITY_sp|Q9SIFAt2g2990	Presenilin-like pro	72.40	0.00

TRINITY_sp|P5348arp2	Actin-related prote	72.40	0.00
TRINITY_sp|P6777PPP2CA	Serine/threonine-pr	72.30	0.00
TRINITY_sp|Q9XG9PRS2	Ribose-phosphate py	72.30	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	72.30	0.00
TRINITY_sp|Q2752enol-1	Enolase OS=Caenorha	72.30	0.00
TRINITY_sp|Q9LUMRAP2-2	Ethylene-responsive	72.30	0.00
TRINITY_sp|P2872-	Formate--tetrahydro	72.30	0.00
TRINITY_sp|Q9LW6At3g2332	Uncharacterized pro	72.30	0.00
TRINITY_sp|Q9ZP3SDH1-2	Succinate dehydroge	72.30	0.00
TRINITY_sp|Q8TD5DNAH3	Dynein heavy chain	72.30	0.00
TRINITY_sp|Q3925CAX1	Vacuolar cation/pro	72.20	0.00
TRINITY_sp|P5026TUBB4	Tubulin beta-4 chai	72.20	0.00
TRINITY_sp|P4252rnrB-1	Ribonucleoside-diph	72.20	0.00
TRINITY_sp|O8603bdhA	D-beta-hydroxybutyr	72.20	0.00
TRINITY_sp|Q54Q7rnrA	Ribonucleoside-diph	72.20	0.00
TRINITY_sp|Q54X8sec61a	Protein transport p	72.20	0.00
TRINITY_sp|Q9LT6RPN11	26S proteasome non-	72.20	0.00
TRINITY_sp|P5426CA1	Cation-transporting	72.20	0.00
TRINITY_sp|P0783act1	Major actin OS=Dict	72.20	0.00
TRINITY_sp|A8HTVtuf1	Elongation factor T	72.20	0.00
TRINITY_sp|Q84K1SQD1	UDP-sulfoquinovose	72.20	0.00
TRINITY_sp|Q76I8RPS15A	40S ribosomal prote	72.10	0.00
TRINITY_sp|Q4193PSBQ2	Oxygen-evolving enh	72.10	0.00
TRINITY_sp|P5446-	T-complex protein 1	72.10	0.00
TRINITY_sp|P3416myoD	Myosin ID heavy cha	72.10	0.00
TRINITY_sp|P6296RAC1	Ras-related C3 botu	72.10	0.00
TRINITY_sp|A2XCFCKS1	Cyclin-dependent ki	72.10	0.00
TRINITY_sp|Q5E96SSNA1	Sjoegren syndrome n	72.10	0.00
TRINITY_sp|Q9JL1Spag6	Sperm-associated an	72.10	0.00
TRINITY_sp|A4SX6cynS	Cyanate hydratase O	72.10	0.00
TRINITY_sp|Q9SJ4VPS11	Vacuolar protein-so	72.10	0.00
TRINITY_sp|Q3896KIN10	SNF1-related protei	72.00	0.00
TRINITY_sp|O2367At1g0214	Protein mago nashi	72.00	0.00
TRINITY_sp|O2371PBB1	Proteasome subunit	72.00	0.00
TRINITY_sp|Q86J6rab5A	Ras-related protein	72.00	0.00
TRINITY_sp|P0CT6rps3001	40S ribosomal prote	72.00	0.00
TRINITY_sp|Q3ZB6LSM4	U6 snRNA-associated	72.00	0.00
TRINITY_sp|Q9SJ2RNR1	Ribonucleoside-diph	72.00	0
TRINITY_sp|P1056SSA1	Heat shock protein	72.00	0.00
TRINITY_sp|Q9P21DNAH1	Dynein heavy chain	72.00	0.00
TRINITY_sp|P2296let-60	Ras protein let-60	71.90	0.00
TRINITY_sp|Q54N1DDB_G026	Probable methylthio	71.90	0.00
TRINITY_sp|P1286PSBQ	Oxygen-evolving enh	71.90	0.00
TRINITY_sp|Q9FS6IVD	Isovaleryl-CoA dehy	71.90	0.00
TRINITY_sp|Q9191rad51-a	DNA repair protein	71.90	0.00
TRINITY_sp|P2906FER1	Ferritin-1, chlorop	71.90	0.00
TRINITY_sp|Q9XHF1LC1	Dynein light chain	71.90	0.00
TRINITY_sp|P1286ANT2	ADP,ATP carrier pro	71.90	0.00
TRINITY_sp|P4266GRF5	14-3-3-like protein	71.90	0.00
TRINITY_sp|P3186-	RNA-directed DNA po	71.90	0.00
TRINITY_sp|P9296RABB1C	Ras-related protein	71.80	0.00
TRINITY_sp|P0646env	Envelope glycoprote	71.80	0.00
TRINITY_sp|Q6Z66NCS6	Cytoplasmic tRNA 2-	71.80	0.00
TRINITY_sp|Q54R6gcdh	Glutaryl-CoA dehydr	71.80	0.00
TRINITY_sp|P5196NEK2	Serine/threonine-pr	71.80	0.00
TRINITY_sp|Q9SE1RPT3	26S protease regula	71.80	0.00

TRINITY_sp|Q09J1RpL38	60S ribosomal prote	71.80	0.00
TRINITY_sp|Q9191rad51-a	DNA repair protein	71.80	0.00
TRINITY_sp|Q3896LWD2	WD repeat-containin	71.80	0.00
TRINITY_sp|Q3958-	5-methyltetrahydrop	71.80	0.00
TRINITY_sp|P3414racC	Rho-related protein	71.70	0.00
TRINITY_sp|P240(abpB	Calcium-regulated a	71.70	0.00
TRINITY_sp|Q9DE2ruvb12	RuvB-like 2 OS=Xeno	71.70	0.00
TRINITY_sp|Q9628RpL37	60S ribosomal prote	71.70	0.00
TRINITY_sp|Q6ZD1SDH1	Succinate dehydroge	71.70	0.00
TRINITY_sp|Q9LXCRPS9B	40S ribosomal prote	71.70	0.00
TRINITY_sp|Q9STFHOP3	Hsp70-Hsp90 organiz	71.70	0.00
TRINITY_sp|B9DGIACS	Acetyl-coenzyme A s	71.70	0.00
TRINITY_sp|Q9W3\xit	Probable dolichyl p	71.60	0.00
TRINITY_sp|Q3961PCKR1	Peptidyl-prolyl cis	71.60	0.00
TRINITY_sp|Q2944HMGCL	Hydroxymethylglutar	71.60	0.00
TRINITY_sp|Q0UV9NSA2	Ribosome biogenesis	71.60	0.00
TRINITY_sp|Q54Pfcns5	COP9 signalosome co	71.60	0.00
TRINITY_sp|Q9Z01Eif2s3y	Eukaryotic translat	71.60	0.00
TRINITY_sp|Q9AUUGD3	UDP-glucose 6-dehyd	71.60	0.00
TRINITY_sp|Q54Mfdhx16	Putative pre-mRNA-s	71.50	0.00
TRINITY_sp|Q9LHEFYPP3	Phytochrome-associa	71.50	0.00
TRINITY_sp|Q9SA5CSP41B	Chloroplast stem-lo	71.50	0.00
TRINITY_sp|O0048PSMD14	26S proteasome non-	71.50	0.00
TRINITY_sp|Q9SY7NRPB10L	DNA-directed RNA po	71.40	0.00
TRINITY_sp|Q9UT1SPAC15E1	Probable thymidylat	71.40	0.00
TRINITY_sp|O8239THIC	Phosphomethylpyrimi	71.40	0.00
TRINITY_sp|P4191-	GTP-binding nuclear	71.40	0.00
TRINITY_sp|P5525FUMR	Fumarate hydratase,	71.40	0.00
TRINITY_sp|P1056MIC	Myosin IC heavy cha	71.40	0.00
TRINITY_sp|Q54Mfdhx16	Putative pre-mRNA-s	71.40	0.00
TRINITY_sp|P4646TBP2	26S protease regula	71.40	0.00
TRINITY_sp|Q9ZS8DER2.2	Derlin-2.2 OS=Arabi	71.40	0.00
TRINITY_sp|Q9W5FRoc1a	RING-box protein 1A	71.40	0.00
TRINITY_sp|P9809c3	Complement C3 (Frag	71.40	0.00
TRINITY_sp|P2751-	Chlorophyll a-b bin	71.40	0.00
TRINITY_sp|O822(At2g1979	AP-4 complex subuni	71.40	0.00
TRINITY_sp|Q8ISIRPS18	40S ribosomal prote	71.40	0.00
TRINITY_sp|P071(DBI	Acyl-CoA-binding pr	71.40	0.00
TRINITY_sp|P1285PSBQ	Oxygen-evolving enh	71.40	0.00
TRINITY_sp|O4988-	Peptidyl-prolyl cis	71.40	0.00
TRINITY_sp|A2XF1PDC2	Pyruvate decarboxyl	71.40	0.00
TRINITY_sp|P5651HDAC1	Histone deacetylase	71.40	0.00
TRINITY_sp|Q8LP6ABCE2	ABC transporter E f	71.40	0.00
TRINITY_sp|Q2V9F-	Transcription facto	71.40	0.00
TRINITY_sp|Q17Q2TFDP1	Transcription facto	71.40	0.00
TRINITY_sp|Q9C5CSAC7	Phosphoinositide ph	71.40	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	71.40	0.00
TRINITY_sp|P3298ATPD	ATP synthase delta	71.30	0.00
TRINITY_sp|P0DJ6RPL19	60S ribosomal prote	71.30	0.00
TRINITY_sp|Q9CAIABCI6	ABC transporter I f	71.30	0.00
TRINITY_sp|P4687KLP1	Kinesin-like protei	71.30	0.00
TRINITY_sp|Q9AT1UVH3	DNA repair protein	71.30	0.00
TRINITY_sp|P128(bud31	Protein BUD31 homol	71.30	0.00
TRINITY_sp|P4274UBC4	Ubiquitin-conjugati	71.20	0.00
TRINITY_sp|Q9UVFUBC1	Ubiquitin-conjugati	71.20	0.00
TRINITY_sp|Q552Fwdr68	DDB1- and CUL4-asso	71.20	0.00

TRINITY_sp|Q0707HSP81-3	Heat shock protein	71.20	0.00
TRINITY_sp|B8HVIrplK	50S ribosomal prote	71.20	0.00
TRINITY_sp|Q0147SAR1B	GTP-binding protein	71.20	0.00
TRINITY_sp|P4919RPS8	40S ribosomal prote	71.20	0.00
TRINITY_sp|A2XUVCDKG-2	Cyclin-dependent ki	71.20	0.00
TRINITY_sp|P2906-	Acidic endochitinas	71.10	0.00
TRINITY_sp|P3513UBC2	Ubiquitin-conjugati	71.10	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	71.10	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	71.10	0.00
TRINITY_sp|Q9FJHABC1	ABC transporter F f	71.10	0.00
TRINITY_sp|B0C31dapF	Diaminopimelate epi	71.10	0.00
TRINITY_sp|Q8H6HSPT16	FACT complex subuni	71.10	0.00
TRINITY_sp|P2005pyr1-3	Protein PYR1-3 OS=D	71.10	0.00
TRINITY_sp|P7332argB	Acetylglutamate kin	71.10	0.00
TRINITY_sp|Q9SL7TCX6	Protein tesmin/TSO1	71.10	0.00
TRINITY_sp|Q9AR2HD6	Casein kinase II su	71.10	0.00
TRINITY_sp|P2876CCT1	T-complex protein 1	71.10	0.00
TRINITY_sp|Q6AV7PPDK1	Pyruvate, phosphate	71.10	0.00
TRINITY_sp|P4648-	Malate dehydrogenas	71.10	0.00
TRINITY_sp|Q54K3rbx1	RING-box protein 1	71.10	0.00
TRINITY_sp|P3225rasS	Ras-like protein ra	71.10	0.00
TRINITY_sp|Q9496PSAO	Photosystem I subun	71.00	0.00
TRINITY_sp|P4629RPS16	40S ribosomal prote	71.00	0.00
TRINITY_sp|Q9M81Atlg7426	Probable phosphorib	71.00	0.00
TRINITY_sp|P5811yhhW	Quercetin 2,3-dioxy	71.00	0.00
TRINITY_sp|Q2KIVPSMC6	26S protease regula	71.00	0.00
TRINITY_sp|Q940FRPL18C	60S ribosomal prote	71.00	0.00
TRINITY_sp|A9NUHMETK1	S-adenosylmethionin	71.00	0.00
TRINITY_sp|Q2KH2GCDH	Glutaryl-CoA dehydr	71.00	0.00
TRINITY_sp|Q962FRpS17	40S ribosomal prote	71.00	0.00
TRINITY_sp|A2XCFCKS1	Cyclin-dependent ki	71.00	0.00
TRINITY_sp|Q9448ctu1	Cytoplasmic tRNA 2-	71.00	0.00
TRINITY_sp|O7566GCAT	2-amino-3-ketobutyr	71.00	0.00
TRINITY_sp|Q9SJ2RNR1	Ribonucleoside-diph	71.00	0.00
TRINITY_sp|Q8LAUGATA1	GATA transcription	71.00	0.00
TRINITY_sp|Q0189-	Heat shock 70 kDa p	71.00	0.00
TRINITY_sp|Q0504CPN60-2	Chaperonin CPN60-2,	71.00	0.00
TRINITY_sp|P535(CYME_CMM	Actin OS=Cyanidiosc	71.00	0.00
TRINITY_sp|Q9P77nop10	H/ACA ribonucleopro	71.00	0.00
TRINITY_sp|O2447-	Eukaryotic translat	71.00	0.00
TRINITY_sp|Q9LZ6TOP6A	DNA topoisomerase 6	71.00	0.00
TRINITY_sp|Q94AFMED36A	Mediator of RNA pol	70.90	0.00
TRINITY_sp|Q93W2NIFU2	NifU-like protein 2	70.90	0.00
TRINITY_sp|Q9M77RPL29A	60S ribosomal prote	70.90	0.00
TRINITY_sp|P4972Oat	Ornithine aminotran	70.90	0.00
TRINITY_sp|Q2717DHC-8	Dynein heavy chain,	70.90	0.00
TRINITY_sp|Q54P7prsA	Ribose-phosphate py	70.90	0.00
TRINITY_sp|Q84XUPAPP5	Serine/threonine-pr	70.90	0.00
TRINITY_sp|Q9M01PFK1	ATP-dependent 6-pho	70.90	0.00
TRINITY_sp|Q9M31KPHMT2	3-methyl-2-oxobutan	70.90	0.00
TRINITY_sp|Q8LB5PRP38	Pre-mRNA-splicing f	70.90	0.00
TRINITY_sp|P2396KAS12	3-oxoacyl-[acyl-car	70.90	0.00
TRINITY_sp|Q9AR2CTH1	Magnesium-protoporp	70.90	0.00
TRINITY_sp|Q8L7UBSL1	Serine/threonine-pr	70.90	0.00
TRINITY_sp|P4984GSK3A	Glycogen synthase k	70.80	0.00
TRINITY_sp|B8EQ2mnmG	tRNA uridine 5-carb	70.80	0.00

TRINITY_sp|P7975c9	Complement componen	70.80	0.00
TRINITY_sp|P9054-	Tubulin gamma-2 cha	70.80	0.00
TRINITY_sp|Q5QMOs01g01	DEAD-box ATP-depend	70.80	0.00
TRINITY_sp|Q8JFIEIF4A2	Eukaryotic initiati	70.80	0.00
TRINITY_sp|Q3E81YLR154C	Uncharacterized pro	70.80	0.00
TRINITY_sp|P344smog-1	Probable pre-mRNA-s	70.80	0.00
TRINITY_sp|P483FK506-b	12 kDa FK506-bindin	70.80	0.00
TRINITY_sp|P436drg1	Developmentally-reg	70.80	0.00
TRINITY_sp|O755SF3B1	Splicing factor 3B	70.80	0
TRINITY_sp|Q9M3NPF8.1	Protein NRT1/ PTR F	70.70	0.00
TRINITY_sp|P546pika	Phosphatidylinosito	70.70	0.00
TRINITY_sp|P496RPL19C	60S ribosomal prote	70.70	0.00
TRINITY_sp|Q9SIWRKY1	WRKY transcription	70.70	0.00
TRINITY_sp|Q388CHLG	Chlorophyll synthas	70.70	0.00
TRINITY_sp|O426smd1	Small nuclear ribon	70.70	0.00
TRINITY_sp|Q416CDC2	Cell division contr	70.70	0.00
TRINITY_sp|Q2R1VGME-2	GDP-mannose 3,5-epi	70.70	0.00
TRINITY_sp|Q9FNMBB1	PsbB mRNA maturatio	70.70	0.00
TRINITY_sp|Q54Krbx1	RING-box protein 1	70.70	0.00
TRINITY_sp|P427PAB2	Polyadenylate-bindi	70.70	0.00
TRINITY_sp|Q9SMHHC1	Dynein-1-alpha heav	70.70	0
TRINITY_sp|Q3BA1-	Uncharacterized pro	70.70	0.00
TRINITY_sp|P168-	Histone H2A-III OS=	70.70	0.00
TRINITY_sp|P222fbl	rRNA 2'-O-methyltra	70.60	0.00
TRINITY_sp|P524Ubc2	Ubiquitin-conjugati	70.60	0.00
TRINITY_sp|Q54IMacad8	Isobutyryl-CoA dehy	70.60	0.00
TRINITY_sp|Q426SAMDC	S-adenosylmethionin	70.60	0.00
TRINITY_sp|O243-	Plastidic ATP/ADP-t	70.60	0.00
TRINITY_sp|P736muts2	Endonuclease Muts2	70.60	0.00
TRINITY_sp|Q9SAABCDH	2-oxoisovalerate de	70.60	0.00
TRINITY_sp|Q0E2UVR3	(6-4)DNA photolyase	70.50	0.00
TRINITY_sp|Q55FbkdB	2-oxoisovalerate de	70.50	0.00
TRINITY_sp|P491(RAB2A	Ras-related protein	70.50	0.00
TRINITY_sp|O157(vaca	Vacuolin-A OS=Dicty	70.50	0.00
TRINITY_sp|Q9AR2HD6	Casein kinase II su	70.50	0.00
TRINITY_sp|P800GGPS1	Geranylgeranyl pyro	70.50	0.00
TRINITY_sp|Q8RY1PEX6	Peroxisome biogenes	70.50	0.00
TRINITY_sp|P804PSBY	Photosystem II core	70.50	0.00
TRINITY_sp|B0G1ap1s2	AP-1 complex subuni	70.50	0.00
TRINITY_sp|Q428RPB2	DNA-directed RNA po	70.50	0
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	70.50	0.00
TRINITY_sp|Q9HB(ATP6V0A	V-type proton ATPas	70.50	0.00
TRINITY_sp|P3411mvpA	Major vault protein	70.50	0.00
TRINITY_sp|Q9SLRAD50	DNA repair protein	70.50	0.00
TRINITY_sp|Q84J1B'	EPSII Probable serine/thr	70.50	0.00
TRINITY_sp|A4FU1SNRPE	Small nuclear ribon	70.40	0.00
TRINITY_sp|Q9XG'PAA1	Proteasome subunit	70.40	0.00
TRINITY_sp|Q28I{poc1a	POC1 centriolar pro	70.40	0.00
TRINITY_sp|P207MAK	Serine/threonine-pr	70.40	0.00
TRINITY_sp|Q922Dyrk3	Dual specificity ty	70.40	0.00
TRINITY_sp|O225CLA1	1-deoxy-D-xylulose-	70.40	0.00
TRINITY_sp|Q9C5CMSRB2	Peptide methionine	70.30	0.00
TRINITY_sp|Q182rap-1	Ras-related protein	70.30	0.00
TRINITY_sp|P331IDH2	Isocitrate dehydrog	70.30	0.00
TRINITY_sp|Q8H1ABCI10	ABC transporter I f	70.30	0.00
TRINITY_sp|Q7ZXrap1b	Ras-related protein	70.30	0.00

TRINITY_sp|P542(CA1	Cation-transporting	70.30	0.00
TRINITY_sp|Q5Z9(FTSH1	ATP-dependent zinc	70.30	0.00
TRINITY_sp|Q9T0(At4g2774	Protein yippee-like	70.30	0.00
TRINITY_sp|P068(PLG	Plasminogen OS=Bos	70.20	0.00
TRINITY_sp|O228(At2g4725	Probable pre-mRNA-s	70.20	0.00
TRINITY_sp|P5064RNR1	Ribonucleoside-diph	70.20	0.00
TRINITY_sp|A2XUVCDKG-2	Cyclin-dependent ki	70.20	0.00
TRINITY_sp|P427(RPL11B	60S ribosomal prote	70.20	0.00
TRINITY_sp|P557(HSP90-2	Heat shock protein	70.20	0.00
TRINITY_sp|Q8LS(FYPP	Phytochrome-associa	70.20	0.00
TRINITY_sp|Q8RW(TKL-1	Transketolase-1, ch	70.20	0.00
TRINITY_sp|O822(At2g2393	Probable small nucl	70.20	0.00
TRINITY_sp|P008(RBCS-1	Ribulose bisphospha	70.20	0.00
TRINITY_sp|Q67E(RAD51A	DNA repair protein	70.20	0.00
TRINITY_sp|Q9ZT(ERD2	ER lumen protein-re	70.20	0.00
TRINITY_sp|A8XJ(rpl-11.2	60S ribosomal prote	70.20	0.00
TRINITY_sp|O943(psm1	Structural maintena	70.10	0.00
TRINITY_sp|P623(LSM6	U6 snRNA-associated	70.10	0.00
TRINITY_sp|P088(his-2	Histone H3 OS=Caeno	70.10	0.00
TRINITY_sp|Q9XF(LHCB5	Chlorophyll a-b bin	70.10	0.00
TRINITY_sp|Q8T2(Inubp1	Cytosolic Fe-S clus	70.10	0.00
TRINITY_sp|Q148(CHD4	Chromodomain-helica	70.10	0.00
TRINITY_sp|O813(DRTS	Bifunctional dihydr	70.10	0.00
TRINITY_sp|P490(Os12g028	Protein mago nashi	70.10	0.00
TRINITY_sp|Q396(PORA	Protochlorophyllide	70.10	0.00
TRINITY_sp|Q9LV(At5g5297	Thylakoid lumenal 1	70.10	0.00
TRINITY_sp|Q55C(vps26	Vacuolar protein so	70.10	0.00
TRINITY_sp|Q8LK(GAPN	NADP-dependent glyc	70.10	0.00
TRINITY_sp|Q2JS4pyrH	Uridylate kinase OS	70.10	0.00
TRINITY_sp|P364(hspB	Heat shock cognate	70.10	0.00
TRINITY_sp|P479(rps27	40S ribosomal prote	70.10	0.00
TRINITY_sp|P806(-	Ferredoxin-thioredo	70.00	0.00
TRINITY_sp|Q401(MTB	Metallothionein-lik	70.00	0.00
TRINITY_sp|Q8VY(CKL12	Casein kinase 1-lik	70.00	0.00
TRINITY_sp|P348(CPN10	10 kDa chaperonin,	70.00	0.00
TRINITY_sp|P385(TUBG2	Tubulin gamma-2 cha	70.00	0.00
TRINITY_sp|Q9LV2CCT4	T-complex protein 1	70.00	0.00
TRINITY_sp|A7MB4RQCD1	Cell differentiatio	70.00	0.00
TRINITY_sp|Q9UF(DNAH17	Dynein heavy chain	70.00	0.00
TRINITY_sp|Q437(WAXY	Granule-bound starc	70.00	0.00
TRINITY_sp|Q9QX(Trip4	Activating signal c	70.00	0.00
TRINITY_sp|Q1542SF3B4	Splicing factor 3B	69.90	0.00
TRINITY_sp|Q9ZN2GLU1	Ferredoxin-dependen	69.90	0.00
TRINITY_sp|Q93V(At5g2884	GDP-mannose 3,5-epi	69.90	0.00
TRINITY_sp|Q8AV(bttd	Biotinidase OS=Taki	69.80	0.00
TRINITY_sp|P0CG(TU20	Polyubiquitin OS=Te	69.80	0.00
TRINITY_sp|P518(PDC1	Pyruvate decarboxyl	69.80	0.00
TRINITY_sp|Q462(pf1	Formate acetyltrans	69.80	0.00
TRINITY_sp|Q392(SKP1A	SKP1-like protein 1	69.80	0.00
TRINITY_sp|B3QP(gpmA	2,3-bisphosphoglyce	69.80	0.00
TRINITY_sp|A1JH(HST	Homogentisate solan	69.80	0.00
TRINITY_sp|Q9SE(JRPT3	26S protease regula	69.80	0.00
TRINITY_sp|Q8WX(DNAH7	Dynein heavy chain	69.80	0.00
TRINITY_sp|Q9LV(PYD1	Dihydropyrimidine d	69.80	0.00
TRINITY_sp|Q8LS(FYPP	Phytochrome-associa	69.80	0.00
TRINITY_sp|P296(CDKA-1	Cyclin-dependent ki	69.80	0.00

TRINITY_sp|Q9STI-	Calreticulin OS=Chl	69.80	0.00
TRINITY_sp|Q9979ACO2	Aconitate hydratase	69.80	0.00
TRINITY_sp|Q0DHI FTSH8	ATP-dependent zinc	69.80	0.00
TRINITY_sp|Q0E29UVR3	(6-4)DNA photolyase	69.70	0.00
TRINITY_sp|Q54CV rtpR	Probable adenosylco	69.70	0.00
TRINITY_sp|P6779PPP2CA	Serine/threonine-pr	69.70	0.00
TRINITY_sp|Q9ZP9ARL2	ADP-ribosylation fa	69.70	0.00
TRINITY_sp|Q3E99ANTR6	Probable anion tran	69.70	0.00
TRINITY_sp|O2289FKBP16-3	Peptidyl-prolyl cis	69.70	0.00
TRINITY_sp|P4979-	Ribonucleoside-diph	69.70	0.00
TRINITY_sp|B3FH9SCSa	Succinate--CoA liga	69.70	0.00
TRINITY_sp|Q8S29FTSH3	ATP-dependent zinc	69.70	0.00
TRINITY_sp|P4859pph-1	Serine/threonine-pr	69.70	0.00
TRINITY_sp|Q8LC9LHCA6	Photosystem I chlor	69.70	0.00
TRINITY_sp|P4599ARP	DNA-(apurinic or ap	69.70	0.00
TRINITY_sp|Q4259ACO1	Aconitate hydratase	69.70	0.00
TRINITY_sp|P0089ATP5B	ATP synthase subuni	69.70	0.00
TRINITY_sp|Q4379APG1	Glucose-6-phosphate	69.70	0.00
TRINITY_sp|Q3769ND4	NADH-ubiquinone oxi	69.70	0.00
TRINITY_sp|Q0369BIP4	Luminal-binding pro	69.60	0.00
TRINITY_sp|Q6WV9-	Histone H4 OS=Mytil	69.60	0.00
TRINITY_sp|A7RW9vlg22659	Probable cytosolic	69.60	0.00
TRINITY_sp|B6U19GATA	Glutamyl-tRNA(Gln)	69.60	0.00
TRINITY_sp|Q54S9DDB_G029	Probable myosin lig	69.60	0.00
TRINITY_sp|O6559WRKY34	Probable WRKY trans	69.60	0.00
TRINITY_sp|P2229RET1	DNA-directed RNA po	69.60	0.00
TRINITY_sp|Q9FJ9CYP65	Peptidyl-prolyl cis	69.60	0.00
TRINITY_sp|O1589-	T-complex protein 1	69.60	0.00
TRINITY_sp|Q4HW9FGRRES_1	Putative heme-bindi	69.60	0.00
TRINITY_sp|Q8H09URH42	DEAD-box ATP-depend	69.60	0.00
TRINITY_sp|P6239LSM6	U6 snRNA-associated	69.60	0.00
TRINITY_sp|Q55G9psmB6	Proteasome subunit	69.50	0.00
TRINITY_sp|A8J29FEN1	Flap endonuclease 1	69.50	0.00
TRINITY_sp|Q0569CTR1	Serine/threonine-pr	69.50	0.00
TRINITY_sp|P1279RSP3	Flagellar radial sp	69.50	0.00
TRINITY_sp|P1769-	3-phosphoshikimate	69.50	0.00
TRINITY_sp|P3159CD4B	ATP-dependent Clp p	69.50	0.00
TRINITY_sp|Q2359MRPL10	60S ribosomal prote	69.50	0.00
TRINITY_sp|P1809PETE	Plastocyanin, chlor	69.50	0.00
TRINITY_sp|O2439-	Proteasome subunit	69.50	0.00
TRINITY_sp|Q8VZ9(ALDH12A1	Delta-1-pyrroline-5	69.50	0.00
TRINITY_sp|Q54M9fdhx16	Putative pre-mRNA-s	69.50	0.00
TRINITY_sp|Q9LH9FOLD2	Bifunctional protei	69.50	0.00
TRINITY_sp|Q9299UPF1	Regulator of nonsen	69.40	0.00
TRINITY_sp|O4999GDCSP	Glycine dehydrogena	69.40	0.00
TRINITY_sp|Q8VX9GapA	Glyceraldehyde-3-ph	69.40	0.00
TRINITY_sp|P5199(Myb11	Myb-related protein	69.40	0.00
TRINITY_sp|P2079rab8A	Ras-related protein	69.40	0.00
TRINITY_sp|Q9SI9CPEFG	Elongation factor G	69.40	0.00
TRINITY_sp|Q54J9Fabcc3	ABC transporter C f	69.40	0.00
TRINITY_sp|Q3BA9-	Uncharacterized pro	69.40	0.00
TRINITY_sp|P5299(-	14-3-3-like protein	69.30	0.00
TRINITY_sp|P9329SAHH	Adenosylhomocystein	69.30	0.00
TRINITY_sp|P3569ERF1-3	Eukaryotic peptide	69.30	0.00
TRINITY_sp|Q54E9cct2	T-complex protein 1	69.30	0.00
TRINITY_sp|Q8W19SMU1	Suppressor of mec-8	69.30	0.00

TRINITY_sp|Q3879PDH2	Pyruvate dehydrogen	69.30	0.00
TRINITY_sp|Q9LIFDHAD	Dihydroxy-acid dehy	69.30	0.00
TRINITY_sp|O0398HSP90-4	Heat shock protein	69.30	0.00
TRINITY_sp|Q0806-	Malate dehydrogenas	69.30	0.00
TRINITY_sp|O3524Nsmaf	Protein FAN OS=Mus	69.20	0.00
TRINITY_sp|Q3B71CHD1L	Chromodomain-helica	69.20	0.00
TRINITY_sp|Q0189-	Heat shock 70 kDa p	69.20	0.00
TRINITY_sp|Q7XR3RFC4	Replication factor	69.20	0.00
TRINITY_sp|O4443SmD3	Small nuclear ribon	69.20	0.00
TRINITY_sp|Q8L96At4g1372	Inosine triphosphat	69.20	0.00
TRINITY_sp|O0486NPP5	Serine/threonine-pr	69.20	0.00
TRINITY_sp|O8241At3g461	(Histidine--tRNA lig	69.20	0.00
TRINITY_sp|L7HU1ICL1	Isocitrate lyase OS	69.20	0.00
TRINITY_sp|Q6VNEWdfy3	WD repeat and FYVE	69.20	0.00
TRINITY_sp|Q8RY2DEGP7	Protease Do-like 7	69.20	0.00
TRINITY_sp|O8603bdhA	D-beta-hydroxybutyr	69.20	0.00
TRINITY_sp|O018(acbp-1	Acyl-CoA-binding pr	69.20	0.00
TRINITY_sp|Q7XZUSAC9	Probable phosphoino	69.20	0.00
TRINITY_sp|O4224gnb211	Guanine nucleotide-	69.20	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	69.20	0.00
TRINITY_sp|Q8TD5DNAH3	Dynein heavy chain	69.10	0.00
TRINITY_sp|Q17QCUBE2G2	Ubiquitin-conjugati	69.10	0.00
TRINITY_sp|Q54KfcysS	Cysteine--tRNA liga	69.10	0.00
TRINITY_sp|P4629RPL38	60S ribosomal prote	69.10	0.00
TRINITY_sp|O0241-	Dynein light chain	69.10	0.00
TRINITY_sp|P1099-	Actin, macronuclear	69.10	0.00
TRINITY_sp|Q55F1pyd1	Dihydropyrimidine d	69.10	0
TRINITY_sp|Q9SS7RAP2-12	Ethylene-responsive	69.10	0.00
TRINITY_sp|B8AN1CHLH	Magnesium-chelatase	69.10	0
TRINITY_sp|Q9D1(Ube2c	Ubiquitin-conjugati	69.00	0.00
TRINITY_sp|O2261DRM1	Dormancy-associated	69.00	0.00
TRINITY_sp|Q9SSI PRP8A	Pre-mRNA-processing	69.00	0.00
TRINITY_sp|B9L9IrpmH	50S ribosomal prote	69.00	0.00
TRINITY_sp|Q8LGFPEX4	Protein PEROXIN-4 O	69.00	0.00
TRINITY_sp|A8J78ATPG	ATP synthase subuni	69.00	0.00
TRINITY_sp|Q8H0\Atlg0811	Lactoylglutathione	69.00	0.00
TRINITY_sp|Q4P73DED1	ATP-dependent RNA h	69.00	0.00
TRINITY_sp|Q6Z1(YchF1	Obg-like ATPase 1 O	69.00	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	69.00	0.00
TRINITY_sp|Q9HZHetfA	Electron transfer f	69.00	0.00
TRINITY_sp|P3411mvpA	Major vault protein	69.00	0.00
TRINITY_sp|Q9LJ\ABCB19	ABC transporter B f	68.90	0.00
TRINITY_sp|Q54X(mobA	MOB kinase activato	68.90	0.00
TRINITY_sp|Q86H\pdhB	Pyruvate dehydrogen	68.90	0.00
TRINITY_sp|Q8T2(mccb	Methylcrotonoyl-CoA	68.90	0.00
TRINITY_sp|Q9CA\ABCI6	ABC transporter I f	68.90	0.00
TRINITY_sp|P368(YPTV2	GTP-binding protein	68.90	0.00
TRINITY_sp|Q5DM5IFT172	Intraflagellar tran	68.90	0
TRINITY_sp|Q9FNIPEX1	Peroxisome biogenes	68.90	0.00
TRINITY_sp|P0DJ2RPL37	60S ribosomal prote	68.90	0.00
TRINITY_sp|Q8WX\DNAH7	Dynein heavy chain	68.90	0.00
TRINITY_sp|Q0P5IPPIH	Peptidyl-prolyl cis	68.80	0.00
TRINITY_sp|Q4015MTB	Metallothionein-lik	68.80	0.00
TRINITY_sp|P2587chcA	Clathrin heavy chai	68.80	0.00
TRINITY_sp|Q569I\selenbp1	Selenium-binding pr	68.80	0.00
TRINITY_sp|Q8GX9CFIS2	Pre-mRNA cleavage f	68.80	0.00

TRINITY_sp|Q8W4JML1	Protein MEI2-like 1	68.80	0.00
TRINITY_sp|Q54DIDDDB_G02	Probable serine/thr	68.80	0.00
TRINITY_sp|Q229THERM	(POC1 centriolar pro	68.80	0.00
TRINITY_sp|Q9FLJDEGP9	Protease Do-like 9	68.80	0.00
TRINITY_sp|F4KDNRPC2	DNA-directed RNA po	68.80	0.00
TRINITY_sp|Q9UWpph-3	Serine/threonine-pr	68.80	0.00
TRINITY_sp|Q036BIP4	Luminal-binding pro	68.80	0.00
TRINITY_sp|O495NIFS1	Cysteine desulfuras	68.80	0.00
TRINITY_sp|P222(-	Pyruvate kinase, cy	68.80	0.00
TRINITY_sp|P5201cyn-7	Peptidyl-prolyl cis	68.80	0.00
TRINITY_sp|P614{rp136a	60S ribosomal prote	68.80	0.00
TRINITY_sp|B5EZUmete	5-methyltetrahydrop	68.80	0.00
TRINITY_sp|A2Q8ncs6	Cytoplasmic tRNA 2-	68.80	0.00
TRINITY_sp|Q9C0DNAH6	Dynein heavy chain	68.80	0.00
TRINITY_sp|Q8S8TET8	Tetraspanin-8 OS=Ar	68.80	0.00
TRINITY_sp|A2XCCKS1	Cyclin-dependent ki	68.70	0.00
TRINITY_sp|Q9LKUTATA	Sec-independent pro	68.70	0.00
TRINITY_sp|Q5NA\HDH	Histidinol dehydrog	68.70	0.00
TRINITY_sp|Q9CAAt1g7771	Ubiquitin-fold modi	68.60	0.00
TRINITY_sp|P369(-	Protein AMBP (Fragm	68.60	0.00
TRINITY_sp|P171(-	Actin, non-muscle 6	68.60	0.00
TRINITY_sp|P816(-	Alcohol dehydrogena	68.60	0.00
TRINITY_sp|P869TEF1	Elongation factor 1	68.60	0.00
TRINITY_sp|Q431(-	Proliferating cell	68.60	0.00
TRINITY_sp|A2YPCARM1	Probable histone-ar	68.60	0.00
TRINITY_sp|Q8RYPEX6	Peroxisome biogenes	68.60	0.00
TRINITY_sp|O045FAD4L1	Fatty acid desatura	68.60	0.00
TRINITY_sp|Q550IstkA	Transcription facto	68.60	0.00
TRINITY_sp|O246AS	Asparagine syntheta	68.60	0.00
TRINITY_sp|Q274{his-41	Probable histone H2	68.60	0.00
TRINITY_sp|Q86Auroc1	Probable urocanate	68.60	0.00
TRINITY_sp|B1XK4lepA	Elongation factor 4	68.60	0.00
TRINITY_sp|F4K2FCUV	Pre-mRNA-splicing f	68.50	0.00
TRINITY_sp|Q102{rpc2	DNA-directed RNA po	68.50	0.00
TRINITY_sp|Q9M8UGT80A2	Sterol 3-beta-gluco	68.50	0.00
TRINITY_sp|P114PSBP	Oxygen-evolving enh	68.50	0.00
TRINITY_sp|P929AATP2	ADP,ATP carrier pro	68.50	0.00
TRINITY_sp|Q9DGI{tpt1	Translationally-con	68.50	0.00
TRINITY_sp|Q76NVapA	V-type proton ATPas	68.50	0.00
TRINITY_sp|Q7S7{cpr2	Peptidyl-prolyl cis	68.50	0.00
TRINITY_sp|A4QNI{nip7	60S ribosome subuni	68.50	0.00
TRINITY_sp|P0DJ{RPL37	60S ribosomal prote	68.50	0.00
TRINITY_sp|P0CZ{ACX3	Acyl-coenzyme A oxi	68.40	0.00
TRINITY_sp|P290(-	Acidic endochitinas	68.40	0.00
TRINITY_sp|Q091{rp11001	60S ribosomal prote	68.40	0.00
TRINITY_sp|P130{acpA	F-actin-capping pro	68.40	0.00
TRINITY_sp|Q044{IDH2	Isocitrate dehydrog	68.40	0.00
TRINITY_sp|P540{Idh2	Isocitrate dehydrog	68.40	0.00
TRINITY_sp|P870{spg1	Septum-promoting GT	68.40	0.00
TRINITY_sp|Q395YPTC4	GTP-binding protein	68.40	0.00
TRINITY_sp|F4HX\NUP155	Nuclear pore comple	68.40	0.00
TRINITY_sp|Q084{CKA2	Casein kinase II su	68.40	0.00
TRINITY_sp|Q7SDM{rgt-1	tRNA(His) guanylylt	68.40	0.00
TRINITY_sp|Q395{ODA9	Dynein, 78 kDa inte	68.40	0.00
TRINITY_sp|P349{gap3	Glyceraldehyde-3-ph	68.40	0.00
TRINITY_sp|Q044{IDH2	Isocitrate dehydrog	68.30	0.00

TRINITY_sp|P6116ACTR1A	Alpha-centractin OS	68.30	0.00
TRINITY_sp|Q9SB6PDK	[Pyruvate dehydroge	68.30	0.00
TRINITY_sp|P1474-	Alpha-galactosidase	68.30	0.00
TRINITY_sp|Q8LP6ABCE2	ABC transporter E f	68.30	0.00
TRINITY_sp|Q964Ipyd3	Beta-ureidopropiona	68.30	0.00
TRINITY_sp|Q55G6cnbA	Calcineurin subunit	68.30	0.00
TRINITY_sp|Q8696scsB	Succinate--CoA liga	68.30	0.00
TRINITY_sp|P9786Fh	Fumarate hydratase,	68.30	0.00
TRINITY_sp|P3281gpd-3.1	Glyceraldehyde-3-ph	68.30	0.00
TRINITY_sp|P3356ABCC1	Multidrug resistanc	68.30	0.00
TRINITY_sp|Q4286CS1	Chorismate synthase	68.30	0.00
TRINITY_sp|Q9636-	Metallothionein-lik	68.20	0.00
TRINITY_sp|P3411cdk1	Cyclin-dependent ki	68.20	0.00
TRINITY_sp|P3416myoD	Myosin ID heavy cha	68.20	0.00
TRINITY_sp|P9066-	Actin OS=Brugia mal	68.20	0.00
TRINITY_sp|P0DK6RNR2B	Ribonucleoside-diph	68.20	0.00
TRINITY_sp|P4234MTOR	Serine/threonine-pr	68.20	0.00
TRINITY_sp|P5421-	Caltractin OS=Dunal	68.20	0.00
TRINITY_sp|Q1026ssa1	Probable heat shock	68.20	0.00
TRINITY_sp|Q9CAMRFC2	Replication factor	68.20	0.00
TRINITY_sp|Q86J6ilvsB	BEACH domain-contai	68.10	0.00
TRINITY_sp|P2046CSNK2A2	Casein kinase II su	68.10	0.00
TRINITY_sp|D4B06ARB_0207	Probable glucan end	68.10	0.00
TRINITY_sp|P6306UBA52	Ubiquitin-60S ribos	68.10	0.00
TRINITY_sp|P5466vatD-1	V-type proton ATPas	68.10	0.00
TRINITY_sp|Q8W46XPD	DNA repair helicase	68.10	0.00
TRINITY_sp|Q9ZP6ARL2	ADP-ribosylation fa	68.10	0.00
TRINITY_sp|P4936GDCST	Aminomethyltransfer	68.10	0.00
TRINITY_sp|Q0DJ6TOR	Serine/threonine-pr	68.10	0.00
TRINITY_sp|Q3ZB6POLR2K	DNA-directed RNA po	68.10	0.00
TRINITY_sp|Q54N6stt3	Dolichyl-diphosphoo	68.10	0.00
TRINITY_sp|P0446-	Calmodulin OS=Triti	68.10	0.00
TRINITY_sp|B6SH6-	tRNA (guanine-N(7)-	68.10	0.00
TRINITY_sp|Q9SR6At3g0466	Tryptophan--tRNA li	68.10	0.00
TRINITY_sp|Q9C06DNAH6	Dynein heavy chain	68.10	0.00
TRINITY_sp|Q9JL6Spag6	Sperm-associated an	68.10	0.00
TRINITY_sp|Q5BB6has1	ATP-dependent RNA h	68.10	0.00
TRINITY_sp|Q9FFF6At5g4167	6-phosphogluconate	68.10	0.00
TRINITY_sp|A8MS6LPD1	Dihydrolipoyl dehyd	68.10	0.00
TRINITY_sp|Q4296PPD	Pyruvate, phosphate	68.10	0.00
TRINITY_sp|Q9WV6Mok	MAPK/MAK/MRK overla	68.00	0.00
TRINITY_sp|P0CT6rpl1101	60S ribosomal prote	68.00	0.00
TRINITY_sp|Q54C6rad50	DNA repair protein	68.00	0.00
TRINITY_sp|Q2946HMGCL	Hydroxymethylglutar	68.00	0.00
TRINITY_sp|Q54J6oxct1	Probable succinyl-C	68.00	0.00
TRINITY_sp|O2436TOP2	DNA topoisomerase 2	68.00	0.00
TRINITY_sp|Q54S6ddx18	Probable ATP-depend	68.00	0.00
TRINITY_sp|O7606CDKL5	Cyclin-dependent ki	68.00	0.00
TRINITY_sp|O0406FD1	Ferredoxin-1, chlor	68.00	0.00
TRINITY_sp|Q9SZ6SHM1	Serine hydroxymethy	68.00	0.00
TRINITY_sp|Q3766NAD7	NADH-ubiquinone oxi	68.00	0.00
TRINITY_sp|Q70G6Os07g066	Thioredoxin reducta	68.00	0.00
TRINITY_sp|P3251-	Deoxyuridine 5'-tri	67.90	0.00
TRINITY_sp|Q54C6pex6	Peroxisomal biogene	67.90	0.00
TRINITY_sp|O7726cata	Catalase-A OS=Dicty	67.90	0.00
TRINITY_sp|Q54Y6scai	Protein SCAI homolo	67.90	0.00

TRINITY_sp|Q9SUNAt4g3022	Probable small nucl	67.90	0.00
TRINITY_sp|Q4185RPS21	40S ribosomal prote	67.90	0.00
TRINITY_sp|Q54K6pno1	RNA-binding protein	67.90	0.00
TRINITY_sp|Q9LPCYYP18-1	Peptidyl-prolyl cis	67.90	0.00
TRINITY_sp|P7378slr1251	Peptidyl-prolyl cis	67.90	0.00
TRINITY_sp|Q9VCHme4	Probable N6-adenosi	67.90	0.00
TRINITY_sp|Q9LJdvPE	Vacuolar-processing	67.90	0.00
TRINITY_sp|A9LNF CPSF30	30-kDa cleavage and	67.90	0.00
TRINITY_sp|Q54CVrtpr	Probable adenosylco	67.90	0.00
TRINITY_sp|Q8CDfAgb12	Cytosolic carboxype	67.90	0.00
TRINITY_sp|Q9LF6BOLA4	Protein BOLA4, chlo	67.90	0.00
TRINITY_sp|Q9M2fRH52	DEAD-box ATP-depend	67.90	0.00
TRINITY_sp|Q8Y1cmrA	Peptide methionine	67.90	0.00
TRINITY_sp|Q9CR(Ufc1	Ubiquitin-fold modi	67.80	0.00
TRINITY_sp|P1363ATP1A3	Sodium/potassium-tr	67.80	0.00
TRINITY_sp|O9396pyrABCN	Protein pyrABCN OS=	67.80	0.00
TRINITY_sp|Q8HXfSOD2	Superoxide dismutas	67.80	0.00
TRINITY_sp|O1518CETN3	Centrin-3 OS=Homo s	67.80	0.00
TRINITY_sp|Q8LE7AAP19-1	AP-1 complex subuni	67.80	0.00
TRINITY_sp|Q9C82At1g5236	Coatomer subunit be	67.80	0.00
TRINITY_sp|Q1W37-	Phosphomannomutase	67.70	0.00
TRINITY_sp|P4873CDK1	Cyclin-dependent ki	67.70	0.00
TRINITY_sp|Q9T07PCKA	Phosphoenolpyruvate	67.70	0.00
TRINITY_sp|B9DGIACS	Acetyl-coenzyme A s	67.70	0.00
TRINITY_sp|Q3959-	Dynein 16 kDa light	67.70	0.00
TRINITY_sp|Q4255SCE1	SUMO-conjugating en	67.70	0.00
TRINITY_sp|Q5596ppsA	Phosphoenolpyruvate	67.70	0
TRINITY_sp|P3412psmA7	Proteasome subunit	67.70	0.00
TRINITY_sp|P0087RBCS-1	Ribulose bisphospha	67.70	0.00
TRINITY_sp|P3411mvpA	Major vault protein	67.70	0.00
TRINITY_sp|P4797zfs1	Zinc finger protein	67.70	0.00
TRINITY_sp|P4797zfs1	Zinc finger protein	67.70	0.00
TRINITY_sp|P4624ASP5	Aspartate aminotran	67.70	0.00
TRINITY_sp|P6148rpl36a	60S ribosomal prote	67.70	0.00
TRINITY_sp|Q5YLF6GYRA	DNA gyrase subunit	67.70	0.00
TRINITY_sp|Q8W4MXPDP	DNA repair helicase	67.70	0.00
TRINITY_sp|Q2W2Htuf1	Elongation factor T	67.70	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	67.70	0.00
TRINITY_sp|Q0P57CKS1B	Cyclin-dependent ki	67.60	0.00
TRINITY_sp|O5987RPL44	60S ribosomal prote	67.60	0.00
TRINITY_sp|P4916PSAN	Photosystem I react	67.60	0.00
TRINITY_sp|Q9636ARF1	ADP-ribosylation fa	67.60	0.00
TRINITY_sp|Q9BYIACTRT3	Actin-related prote	67.60	0.00
TRINITY_sp|Q4259At1g7901	NADH dehydrogenase	67.60	0.00
TRINITY_sp|Q6F22STT3A	Dolichyl-diphosphoo	67.60	0.00
TRINITY_sp|Q10I2Os03g056	DEAD-box ATP-depend	67.60	0.00
TRINITY_sp|Q9U97ppp6c	Serine/threonine-pr	67.60	0.00
TRINITY_sp|Q9XF9RPL4	60S ribosomal prote	67.60	0.00
TRINITY_sp|Q9Z4HifcA	Fumarate reductase	67.60	0.00
TRINITY_sp|P4274UBC4	Ubiquitin-conjugati	67.60	0.00
TRINITY_sp|Q8DJ4clpB1	Chaperone protein C	67.60	0
TRINITY_sp|Q0323MYBL2	Myb-related protein	67.60	0.00
TRINITY_sp|A5UW7nfi	Endonuclease V OS=R	67.60	0.00
TRINITY_sp|O6508PBC1	Proteasome subunit	67.60	0.00
TRINITY_sp|P5421PMA1	Plasma membrane ATP	67.60	0
TRINITY_sp|Q9SQ1lhca-P4	Chlorophyll a-b bin	67.60	0.00

TRINITY_sp|Q6NU4	chtfl8	Chromosome transmis	67.50	0.00
TRINITY_sp|Q9QU	Polk	DNA polymerase kapp	67.50	0.00
TRINITY_sp|Q9I6	dht	D-hydantoinase/dihy	67.50	0.00
TRINITY_sp|O946	rpc1	DNA-directed RNA po	67.50	0.00
TRINITY_sp|B9KH	clpP	ATP-dependent Clp p	67.50	0.00
TRINITY_sp|Q9NQ	IRRAGD	Ras-related GTP-bin	67.50	0.00
TRINITY_sp|Q54C	fddx17	Probable ATP-depend	67.50	0.00
TRINITY_sp|Q9SD	(At3g4712	Zinc finger CCCH do	67.50	0.00
TRINITY_sp|Q6H6	IHEMC	Porphobilinogen dea	67.50	0.00
TRINITY_sp|F4KG	(FBA4	Fructose-bisphospha	67.50	0.00
TRINITY_sp|Q56X	AOX4	Ubiquinol oxidase 4	67.50	0.00
TRINITY_sp|Q9C0	(DNAH6	Dynein heavy chain	67.50	0.00
TRINITY_sp|Q95V	I-	Profilin-1B OS=Acan	67.50	0.00
TRINITY_sp|Q84K	ISQD1	UDP-sulfoquinovose	67.50	0.00
TRINITY_sp|Q965	UGD1	UDP-glucose 6-dehyd	67.50	0.00
TRINITY_sp|Q9V6	(SEC61G1	Protein transport p	67.40	0.00
TRINITY_sp|A7SE	Ivlg24474	U1 small nuclear ri	67.40	0.00
TRINITY_sp|Q1JQ	(DPM1	Dolichol-phosphate	67.40	0.00
TRINITY_sp|Q54V	coq5	2-methoxy-6-polypre	67.40	0.00
TRINITY_sp|C1FI	I MICPUN	(Inosine triphospat	67.40	0.00
TRINITY_sp|P403	4 YTA12	Mitochondrial respi	67.40	0.00
TRINITY_sp|Q462	(pfl	Formate acetyltrans	67.40	0.00
TRINITY_sp|O155	2 OGG1	N-glycosylase/DNA l	67.40	0.00
TRINITY_sp|Q852	(OSK1	Serine/threonine pr	67.40	0.00
TRINITY_sp|F4HP	I DRP5A	Dynamamin-related pro	67.40	0.00
TRINITY_sp|Q5WW	2 purC	Phosphoribosylamino	67.40	0.00
TRINITY_sp|Q8S2	I Os01g072	Ribose-phosphate py	67.40	0.00
TRINITY_sp|Q86A	uroc1	Probable urocanate	67.40	0.00
TRINITY_sp|Q014	(SBE1	1,4-alpha-glucan-br	67.40	0.00
TRINITY_sp|Q9SI	I PHB6	Prohibitin-6, mitoc	67.40	0.00
TRINITY_sp|Q423	4 RPS16C	40S ribosomal prote	67.40	0.00
TRINITY_sp|O500	5 COL1	Zinc finger protein	67.40	0.00
TRINITY_sp|O804	5 AMPD	AMP deaminase OS=Ar	67.40	0.00
TRINITY_sp|Q9S7	(MYB3R-1	Myb-related protein	67.30	0.00
TRINITY_sp|P044	(-	Calmodulin OS=Triti	67.30	0.00
TRINITY_sp|Q8TG	MART2	Putative uncharacte	67.30	0.00
TRINITY_sp|P0DJ	5 RPL30	60S ribosomal prote	67.30	0.00
TRINITY_sp|Q86A	gltA	Citrate synthase OS	67.30	0.00
TRINITY_sp|Q1XD	f dnaK	Chaperone protein d	67.30	0.00
TRINITY_sp|Q9C6	2 PDH-E1	Pyruvate dehydrogen	67.30	0.00
TRINITY_sp|Q54Q	FerkB	Extracellular signa	67.30	0.00
TRINITY_sp|P186	1 NRPB1	DNA-directed RNA po	67.30	0.00
TRINITY_sp|Q655	5 FTSH2	ATP-dependent zinc	67.30	0.00
TRINITY_sp|P562	9 accD	Acetyl-coenzyme A c	67.30	0.00
TRINITY_sp|P398	7 RPL3	60S ribosomal prote	67.30	0.00
TRINITY_sp|Q154	2 SF3B4	Splicing factor 3B	67.20	0.00
TRINITY_sp|O137	4 SPAC16E	(RING finger protein	67.20	0.00
TRINITY_sp|A4K4	3 RTEL1	Regulator of telome	67.20	0.00

TRINITY_sp|Q3BA1-	Uncharacterized pro	67.20	0.00
TRINITY_sp|Q8GY8RH10	DEAD-box ATP-depend	67.20	0.00
TRINITY_sp|O4856CAT4	Catalase-4 OS=Glyci	67.20	0.00
TRINITY_sp|Q9SMFDHC1B	Cytoplasmic dynein	67.20	0
TRINITY_sp|Q2QS1UGD4	UDP-glucose 6-dehyd	67.20	0.00
TRINITY_sp|Q9D0IRfc5	Replication factor	67.10	0.00
TRINITY_sp|P2258-	Polyubiquitin OS=Ph	67.10	0.00
TRINITY_sp|P2751-	Chlorophyll a-b bin	67.10	0.00
TRINITY_sp|Q9VXISNRPG	Probable small nucl	67.10	0.00
TRINITY_sp|Q5AG7HSL1	Serine/threonine-pr	67.10	0.00
TRINITY_sp|P0257Act79B	Actin, larval muscl	67.10	0.00
TRINITY_sp|Q4255SCE1	SUMO-conjugating en	67.10	0.00
TRINITY_sp|P5344CTN	Caltractin OS=Naegl	67.10	0.00
TRINITY_sp|P4852PPX2	Serine/threonine-pr	67.10	0.00
TRINITY_sp|Q9P2HIFT80	Intraflagellar tran	67.10	0.00
TRINITY_sp|P1395-	G2/mitotic-specific	67.10	0.00
TRINITY_sp|Q9Y3ESF3B6	Splicing factor 3B	67.00	0.00
TRINITY_sp|Q2HH4GAR1	H/ACA ribonucleopro	67.00	0.00
TRINITY_sp|Q9LHFYPP3	Phytochrome-associa	67.00	0.00
TRINITY_sp|Q55Fmbkdb	2-oxoisovalerate de	67.00	0.00
TRINITY_sp|O8896Yme111	ATP-dependent zinc	67.00	0.00
TRINITY_sp|P0418TK1	Thymidine kinase, c	66.90	0.00
TRINITY_sp|Q3SEFIcl1e	Caltractin ICL1e OS	66.90	0.00
TRINITY_sp|Q4336VAP	V-type proton ATPas	66.90	0.00
TRINITY_sp|Q9FN6BRR2C	DExH-box ATP-depend	66.90	0.00
TRINITY_sp|Q8NKIrrp13	60S ribosomal prote	66.90	0.00
TRINITY_sp|Q9U7I-	Histone H3 OS=Masti	66.90	0.00
TRINITY_sp|Q10G8MSI1	Histone-binding pro	66.90	0.00
TRINITY_sp|P5464vata	V-type proton ATPas	66.90	0.00
TRINITY_sp|P5196UBE2E1	Ubiquitin-conjugati	66.90	0.00
TRINITY_sp|Q8VZUSYP132	Syntaxin-132 OS=Ara	66.90	0.00
TRINITY_sp|O4884RPN2A	26S proteasome non-	66.90	0.00
TRINITY_sp|Q55Gcuprt	Uracil phosphoribos	66.80	0.00
TRINITY_sp|Q54Qfdimt1	Probable dimethylad	66.80	0.00
TRINITY_sp|Q8S36ALB3.1	Inner membrane ALBI	66.80	0.00
TRINITY_sp|P9376-	Acid beta-fructofur	66.80	0.00
TRINITY_sp|Q8RXEIOVA4	Tryptophan--tRNA li	66.80	0.00
TRINITY_sp|Q54Gnsa2	Ribosome biogenesis	66.80	0.00
TRINITY_sp|Q9CAJCKL2	Casein kinase 1-lik	66.70	0.00
TRINITY_sp|Q86Ilnat9	N-acetyltransferase	66.70	0.00
TRINITY_sp|A8ISMARL3	ADP-ribosylation fa	66.70	0.00
TRINITY_sp|Q54RjcnrB	CLPTM1-like membran	66.70	0.00
TRINITY_sp|Q9622-	Protein BUD31 homol	66.70	0.00
TRINITY_sp|P4274UBC5	Ubiquitin-conjugati	66.70	0.00
TRINITY_sp|P5468fima	Fimbrin OS=Dictyost	66.70	0.00
TRINITY_sp|Q54H3ap2s1	AP-2 complex subuni	66.70	0.00
TRINITY_sp|Q6UX7C16orf89	UPF0764 protein C16	66.70	0.00
TRINITY_sp|Q9NQ7KIF13B	Kinesin-like protei	66.70	0.00
TRINITY_sp|Q54Y2etfb	Electron transfer f	66.70	0.00
TRINITY_sp|Q9BM2erf1	Eukaryotic peptide	66.70	0.00
TRINITY_sp|Q56JVRPS26	40S ribosomal prote	66.70	0.00
TRINITY_sp|Q8HX2MUT	Methylmalonyl-CoA m	66.70	0.00
TRINITY_sp|Q8BJ6Chdh	Choline dehydrogena	66.70	0.00
TRINITY_sp|Q4164FKBP15	FK506-binding prote	66.70	0.00
TRINITY_sp|Q9M2VPGPS2	CDP-diacylglycerol-	66.70	0.00
TRINITY_sp|Q8RUIINLP3	Omega-amidase, chlo	66.70	0.00

TRINITY_sp|O0384MT-CO2	Cytochrome c oxidas	66.70	0.00
TRINITY_sp|Q9LF1VAMP713	Vesicle-associated	66.70	0.00
TRINITY_sp|Q9VI1SmD2	Probable small nucl	66.70	0.00
TRINITY_sp|O8045AMPD	AMP deaminase OS=Ar	66.70	0.00
TRINITY_sp|Q96NCZMAT2	Zinc finger matrin-	66.70	0.00
TRINITY_sp|Q9DA1Pacrg	Parkin coregulated	66.70	0.00
TRINITY_sp|Q9K9FaceA	Isocitrate lyase OS	66.70	0.00
TRINITY_sp|P294(PGK1	Phosphoglycerate ki	66.70	0.00
TRINITY_sp|Q71UMRPS27L	40S ribosomal prote	66.70	0.00
TRINITY_sp|Q9411PMS1	DNA mismatch repair	66.70	0.00
TRINITY_sp|Q54U(kif3	Kinesin-related pro	66.70	0.00
TRINITY_sp|Q9I0fpurB	Adenylosuccinate ly	66.70	0.00
TRINITY_sp|Q84TCDKE-1	Cyclin-dependent ki	66.70	0.00
TRINITY_sp|Q8LPAt5g1459	Isocitrate dehydrog	66.70	0.00
TRINITY_sp|Q2LRrpmA	50S ribosomal prote	66.70	0.00
TRINITY_sp|B8ZRproS	Proline--tRNA ligas	66.70	0.00
TRINITY_sp|A8IDCHLREDR7	Ribosome biogenesis	66.70	0.00
TRINITY_sp|P0879mhcA	Myosin-2 heavy chai	66.70	0.00
TRINITY_sp|Q7RYVcys-17	Cysteine synthase 1	66.60	0.00
TRINITY_sp|A2YI1OsI_2503	Glutamine-dependent	66.60	0.00
TRINITY_sp|P3319IDH2	Isocitrate dehydrog	66.50	0.00
TRINITY_sp|P5476RAN1A	GTP-binding nuclear	66.50	0.00
TRINITY_sp|O7722cata	Catalase-A OS=Dicty	66.50	0.00
TRINITY_sp|O0437B'BETA	Serine/threonine pr	66.50	0.00
TRINITY_sp|Q54N4ino1	Inositol-3-phosphat	66.50	0.00
TRINITY_sp|Q015(Ot07g018	Probable alanine--t	66.50	0.00
TRINITY_sp|Q3SWdnaK	Chaperone protein D	66.40	0.00
TRINITY_sp|Q86Auroc1	Probable urocanate	66.40	0.00
TRINITY_sp|Q93VCRPS1	30S ribosomal prote	66.40	0.00
TRINITY_sp|Q9SV7DRG3	Developmentally-reg	66.40	0.00
TRINITY_sp|Q9VH\Gie	ADP-ribosylation fa	66.40	0.00
TRINITY_sp|Q555(trpC	Indole-3-glycerol p	66.40	0.00
TRINITY_sp|Q8DJ4clpB1	Chaperone protein C	66.40	0.00
TRINITY_sp|O8115-	Cysteine synthase,	66.40	0.00
TRINITY_sp|Q9FL1ABCA9	ABC transporter A f	66.30	0.00
TRINITY_sp|Q54W2abcB4	ABC transporter B f	66.30	0.00
TRINITY_sp|Q54M(dhps	Probable deoxyhypus	66.30	0.00
TRINITY_sp|Q9CA1CKL2	Casein kinase 1-lik	66.30	0.00
TRINITY_sp|P491(RAB2A	Ras-related protein	66.30	0.00
TRINITY_sp|Q9K9FaceA	Isocitrate lyase OS	66.30	0.00
TRINITY_sp|Q642(Serpind1	Heparin cofactor 2	66.30	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	66.30	0.00
TRINITY_sp|B9N84POPTR_0	(Biotin carboxylase	66.30	0.00
TRINITY_sp|A0CX1FEN1-1	Flap endonuclease 1	66.30	0.00
TRINITY_sp|Q7T2Fcsnk1da	Casein kinase I iso	66.30	0.00
TRINITY_sp|Q09J7ODA7	Leucine-rich repeat	66.30	0.00
TRINITY_sp|Q6DH(prpf38a	Pre-mRNA-splicing f	66.30	0.00
TRINITY_sp|Q55CImekA	Dual specificity mi	66.30	0.00
TRINITY_sp|O426(smd1	Small nuclear ribon	66.30	0.00
TRINITY_sp|Q9FH1TMN4	Transmembrane 9 sup	66.30	0.00
TRINITY_sp|P2751CBR	Carotene biosynthes	66.30	0.00
TRINITY_sp|A4IHfttc30a	Tetratricopeptide r	66.30	0.00
TRINITY_sp|P0801Mgst1	Microsomal glutathi	66.20	0.00
TRINITY_sp|Q3B8Ikatnal2	Katanin p60 ATPase-	66.20	0.00
TRINITY_sp|Q8IYIFANCM	Fanconi anemia grou	66.20	0.00
TRINITY_sp|Q86I7pex4	Ubiquitin-conjugati	66.20	0.00

TRINITY_sp|Q6F9>msbA	Lipid A export ATP-	66.20	0.00
TRINITY_sp|Q9LSVETFB	Electron transfer f	66.20	0.00
TRINITY_sp|Q6P5Ihds12	Hydroxysteroid dehy	66.20	0.00
TRINITY_sp|G5EGilet-92	Serine/threonine-pr	66.20	0.00
TRINITY_sp|Q8LGF CUL4	Cullin-4 OS=Arabido	66.20	0.00
TRINITY_sp|Q8K22Nat10	RNA cytidine acetyl	66.20	0.00
TRINITY_sp|Q9SUMAt4g3022	Probable small nucl	66.20	0.00
TRINITY_sp|O8266At2g2042	Succinate--CoA liga	66.20	0.00
TRINITY_sp|P0DJ5RPL8	60S ribosomal prote	66.20	0.00
TRINITY_sp|B7K96miaB	tRNA-2-methylthio-N	66.20	0.00
TRINITY_sp|Q2371-	Elongation factor 2	66.20	0.00
TRINITY_sp|B0G18ap1s2	AP-1 complex subuni	66.20	0.00
TRINITY_sp|Q0875myb	Transcriptional act	66.10	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	66.10	0.00
TRINITY_sp|P2338WARS	Tryptophan--tRNA li	66.10	0.00
TRINITY_sp|Q57AIdnaK	Chaperone protein D	66.10	0.00
TRINITY_sp|Q0J0fOs09g05	Pyruvate dehydrogen	66.10	0.00
TRINITY_sp|A0BD5GSPATT0	Adenylosuccinate sy	66.10	0.00
TRINITY_sp|P8183Ppc1	Phosphoenolpyruvate	66.10	0.00
TRINITY_sp|Q8LPIABCB2	ABC transporter B f	66.10	0.00
TRINITY_sp|Q0848ADK-B	Adenylate kinase 4	66.10	0.00
TRINITY_sp|A9NKI-	Mitotic-spindle org	66.10	0.00
TRINITY_sp|Q6J96ERF086	Ethylene-responsive	66.10	0.00
TRINITY_sp|Q4CUMTc00.104	Major vault protein	66.10	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	66.10	0
TRINITY_sp|P1164UOX	Uricase OS=Oryctola	66.00	0.00
TRINITY_sp|Q1477NAA30	N-alpha-acetyltrans	66.00	0.00
TRINITY_sp|Q86K3ube2n	Probable ubiquitin-	66.00	0.00
TRINITY_sp|A7RP6pno1	RNA-binding protein	66.00	0.00
TRINITY_sp|Q54LMacmsd	2-amino-3-carboxymu	66.00	0.00
TRINITY_sp|Q0907Slc25a5	ADP/ATP translocase	66.00	0.00
TRINITY_sp|Q54E2rfc2	Probable replicatio	66.00	0.00
TRINITY_sp|Q54QFrab32A	Ras-related protein	66.00	0.00
TRINITY_sp|Q3HVTCPA	N-carbamoylputresci	66.00	0.00
TRINITY_sp|Q94ACSTR6	Rhodanese-like doma	66.00	0.00
TRINITY_sp|P0CO2HIS3	Imidazoleglycerol-p	66.00	0.00
TRINITY_sp|Q9C83NIFU5	NifU-like protein 5	66.00	0.00
TRINITY_sp|Q24J3RPL23A	60S ribosomal prote	66.00	0.00
TRINITY_sp|P0879mhca	Myosin-2 heavy chai	66.00	0.00
TRINITY_sp|P0565-	Myosin-2 heavy chai	66.00	0.00
TRINITY_sp|Q93ZMDAP	LL-diaminopimelate	66.00	0.00
TRINITY_sp|P3409manA	Lysosomal alpha-man	65.90	0.00
TRINITY_sp|A8GWEiscS	Cysteine desulfuras	65.90	0.00
TRINITY_sp|Q86H4malaS	Alanine--tRNA ligas	65.90	0.00
TRINITY_sp|Q23M1Tt116a	Probable beta-tubul	65.90	0.00
TRINITY_sp|P2295MED37D	Probable mediator o	65.90	0.00
TRINITY_sp|Q9SX(At1g2753	Ubiquitin-fold modi	65.90	0.00
TRINITY_sp|Q9ZVVHEN2	DExH-box ATP-depend	65.90	0.00
TRINITY_sp|Q6E7IDDB1	DNA damage-binding	65.90	0.00
TRINITY_sp|F4J3(CTPA3	Carboxyl-terminal-p	65.90	0.00
TRINITY_sp|Q9LM3MPK8	Mitogen-activated p	65.90	0.00
TRINITY_sp|Q9SG7RPS19A	40S ribosomal prote	65.90	0.00
TRINITY_sp|Q9P6Ippk15	Serine/threonine-pr	65.90	0.00
TRINITY_sp|Q6Z83Os02g013	L-aspartate oxidase	65.90	0.00
TRINITY_sp|Q9RYEfole	GTP cyclohydrolase	65.90	0.00
TRINITY_sp|Q9P42B11B22.(E3	ubiquitin-protei	65.90	0.00

TRINITY_sp|P0082ACYP2	Acylphosphatase-2 O	65.80	0.00
TRINITY_sp|P4109RPL34	60S ribosomal prote	65.80	0.00
TRINITY_sp|P3601YNK1	Nucleoside diphosph	65.80	0.00
TRINITY_sp|O4867RER1A	Protein RER1A OS=Ar	65.80	0.00
TRINITY_sp|Q9XFICBP20	Nuclear cap-binding	65.80	0.00
TRINITY_sp|P2969eef-2	Elongation factor 2	65.80	0.00
TRINITY_sp|B8HUMndk	Nucleoside diphosph	65.80	0.00
TRINITY_sp|Q4236PPDK2	Pyruvate, phosphate	65.80	0.00
TRINITY_sp|P2042pyrK	UMP-CMP kinase OS=D	65.80	0.00
TRINITY_sp|P5498CYPA	Peptidyl-prolyl cis	65.80	0.00
TRINITY_sp|Q3884PP2AA1	Serine/threonine-pr	65.80	0.00
TRINITY_sp|Q7461pckG	Phosphoenolpyruvate	65.80	0.00
TRINITY_sp|P0887awd	Nucleoside diphosph	65.80	0.00
TRINITY_sp|P930(RH21	DEAD-box ATP-depend	65.80	0.00
TRINITY_sp|Q8RXNTYW1	S-adenosyl-L-methio	65.80	0.00
TRINITY_sp|A9RY(PHYPADR7	ATP-dependent (S)-N	65.80	0.00
TRINITY_sp|P4039RIC2	Ras-related protein	65.70	0.00
TRINITY_sp|P4039RIC2	Ras-related protein	65.70	0.00
TRINITY_sp|Q9FI7OXP1	5-oxoprolinase OS=A	65.70	0.00
TRINITY_sp|Q6AIIaroC	Chorismate synthase	65.70	0.00
TRINITY_sp|Q3SEIIClle	Caltractin ICLle OS	65.70	0.00
TRINITY_sp|Q54QferkB	Extracellular signa	65.70	0.00
TRINITY_sp|O4963MPC4	Mitochondrial pyruv	65.70	0.00
TRINITY_sp|Q9M1(ABCC9	ABC transporter C f	65.70	0.00
TRINITY_sp|P024(Rplp2	60S acidic ribosoma	65.70	0.00
TRINITY_sp|Q9SJ2RNR1	Ribonucleoside-diph	65.70	0.00
TRINITY_sp|Q0739PDS	15-cis-phytoene des	65.70	0.00
TRINITY_sp|Q9LD9CBF5	H/ACA ribonucleopro	65.70	0.00
TRINITY_sp|Q9FJ7RPS3C	40S ribosomal prote	65.70	0.00
TRINITY_sp|P5141RPL26A	60S ribosomal prote	65.70	0.00
TRINITY_sp|Q8VYIORLIKE	Protein ORANGE-LIKE	65.70	0.00
TRINITY_sp|Q9FE(Os03g05(	Elongation factor G	65.70	0.00
TRINITY_sp|P5303RFC2	Replication factor	65.70	0.00
TRINITY_sp|Q9LX(RPS9B	40S ribosomal prote	65.60	0.00
TRINITY_sp|P4837FK506-bf	12 kDa FK506-bindin	65.60	0.00
TRINITY_sp|P3031pol3	DNA polymerase delt	65.60	0.00
TRINITY_sp|Q9SCMRPS2D	40S ribosomal prote	65.60	0.00
TRINITY_sp|Q9LZICDC48E	Cell division contr	65.60	0
TRINITY_sp|Q54Qurm1	Ubiquitin-related m	65.60	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	65.60	0.00
TRINITY_sp|P491(PSBR	Photosystem II 10 k	65.60	0.00
TRINITY_sp|A6QP1PIN4	Peptidyl-prolyl cis	65.60	0.00
TRINITY_sp|Q6QNM-	Casein kinase I OS=	65.60	0.00
TRINITY_sp|Q9FS8IVD	Isovaleryl-CoA dehy	65.60	0.00
TRINITY_sp|Q9FYFOVA6	Proline--tRNA ligas	65.60	0.00
TRINITY_sp|P4468ychF	Ribosome-binding AT	65.50	0.00
TRINITY_sp|Q9C81SUC5	Sucrose transport p	65.50	0.00
TRINITY_sp|P1069SAM1	S-adenosylmethionin	65.50	0.00
TRINITY_sp|A7EQ7INO80	Putative DNA helica	65.50	0.00
TRINITY_sp|P4274UBC5	Ubiquitin-conjugati	65.50	0.00
TRINITY_sp|Q54P(hbx10	Homeobox protein 10	65.50	0.00
TRINITY_sp|Q9Y81ubc15	Ubiquitin-conjugati	65.50	0.00
TRINITY_sp|Q66K(clec3a	C-type lectin domai	65.50	0.00
TRINITY_sp|Q2QS1UGD5	UDP-glucose 6-dehyd	65.50	0.00
TRINITY_sp|Q6C5\YNG2	Chromatin modificat	65.50	0.00
TRINITY_sp|Q9S71TS1	Threonine synthase	65.50	0.00

TRINITY_sp|Q6Z4fPL10B	DEAD-box ATP-depend	65.50	0.00
TRINITY_sp|Q9SPjpsbW	Photosystem II reac	65.50	0.00
TRINITY_sp|A4PBIRAD54	DNA repair and reco	65.50	0.00
TRINITY_sp|P0DJjRPL7	60S ribosomal prote	65.50	0.00
TRINITY_sp|Q397fPPDK	Pyruvate, phosphate	65.50	0.00
TRINITY_sp|Q431fLOX1.5	Probable linoleate	65.50	0.00
TRINITY_sp|Q70GfOs07g06f	Thioredoxin reducta	65.50	0.00
TRINITY_sp|A0JMfkatnal2	Katanin p60 ATPase-	65.40	0.00
TRINITY_sp|Q6PHflias	Lipoyl synthase, mi	65.40	0.00
TRINITY_sp|A8JJfCHLREDRf	Molybdopterin synth	65.40	0.00
TRINITY_sp|Q8TGMfTAR1	Protein TAR1 OS=Sac	65.40	0.00
TRINITY_sp|Q9FJfHUPF1	Regulator of nonsen	65.40	0.00
TRINITY_sp|O246fRPOT3	DNA-directed RNA po	65.40	0.00
TRINITY_sp|Q54Cfcct4	T-complex protein 1	65.40	0.00
TRINITY_sp|Q55Bfcpsf2	Cleavage and polyad	65.40	0.00
TRINITY_sp|B1LUfnuoC	NADH-quinone oxidor	65.40	0.00
TRINITY_sp|Q9LQfDRG1	Developmentally-reg	65.40	0.00
TRINITY_sp|Q570fEFL4	Protein ELF4-LIKE 4	65.40	0.00
TRINITY_sp|Q9SWfRPL10A	60S ribosomal prote	65.40	0.00
TRINITY_sp|A7RXfamdhd1	Probable imidazonon	65.40	0.00
TRINITY_sp|Q8S9fAt2g338f	Tyrosine--tRNA liga	65.40	0.00
TRINITY_sp|P435fcpr-4	Cathepsin B-like cy	65.30	0.00
TRINITY_sp|P268fFKBP2	Peptidyl-prolyl cis	65.30	0.00
TRINITY_sp|B9K8frrpmA	50S ribosomal prote	65.30	0.00
TRINITY_sp|Q9M7fSEP1	Stress enhanced pro	65.30	0.00
TRINITY_sp|Q0VDfVPS4B	Vacuolar protein so	65.30	0.00
TRINITY_sp|Q3M6f lipB	Octanoyltransferase	65.30	0.00
TRINITY_sp|Q9UKfCNOT11	CCR4-NOT transcript	65.30	0.00
TRINITY_sp|P341fmyoD	Myosin ID heavy cha	65.30	0.00
TRINITY_sp|P200fALDH2	Aldehyde dehydrogen	65.30	0.00
TRINITY_sp|Q406fKOB1	Probable voltage-ga	65.30	0.00
TRINITY_sp|Q087fmyb	Transcriptional act	65.30	0.00
TRINITY_sp|P466fASP1	Aspartate aminotran	65.30	0.00
TRINITY_sp|Q9FHfMOB1A	MOB kinase activato	65.30	0.00
TRINITY_sp|Q8LSfFYFP	Phytochrome-associa	65.30	0.00
TRINITY_sp|P268fATP9	ATP synthase subuni	65.30	0.00
TRINITY_sp|P268fATP9	ATP synthase subuni	65.30	0.00
TRINITY_sp|Q93VfCRPS1	30S ribosomal prote	65.30	0.00
TRINITY_sp|P056f-	Myosin-2 heavy chai	65.30	0.00
TRINITY_sp|P534fCTN	Caltractin OS=Naegl	65.30	0.00
TRINITY_sp|Q051fRac2	Ras-related C3 botu	65.20	0.00
TRINITY_sp|Q402fFIS1	Probable aldehyde d	65.20	0.00
TRINITY_sp|P519fNEK2	Serine/threonine-pr	65.20	0.00
TRINITY_sp|Q54Df febA	Eukaryotic translat	65.20	0.00
TRINITY_sp|Q6QNf-	Casein kinase I OS=	65.20	0.00
TRINITY_sp|B8JHfA2cp1_1f	Maf-like protein A2	65.20	0.00
TRINITY_sp|P478f-	Eukaryotic translat	65.20	0.00
TRINITY_sp|Q5RJfSirt2	NAD-dependent prote	65.20	0.00
TRINITY_sp|Q54Xfnfs1	Probable cysteine d	65.20	0.00
TRINITY_sp|Q54Tfcct5	T-complex protein 1	65.20	0.00
TRINITY_sp|Q3MHfRBBP4	Histone-binding pro	65.20	0.00
TRINITY_sp|P091fALS	Acetolactate syntha	65.20	0.00
TRINITY_sp|Q3JCfpgi	Glucose-6-phosphate	65.20	0.00
TRINITY_sp|Q039fL1818	Chlorophyll a-b bin	65.20	0.00
TRINITY_sp|O609fcula	Cullin-1 OS=Dictyos	65.20	0.00
TRINITY_sp|Q23FfRPL26	60S ribosomal prote	65.20	0.00

TRINITY_sp|Q23F7RPL26	60S ribosomal prote	65.20	0.00
TRINITY_sp|Q54D1mrka	Probable serine/thr	65.20	0.00
TRINITY_sp|P4961-	Ubiquitin-60S ribos	65.20	0.00
TRINITY_sp|Q97U1SSO2899	Uncharacterized pro	65.10	0.00
TRINITY_sp|Q9Y21UBE2D4	Ubiquitin-conjugati	65.10	0.00
TRINITY_sp|Q54Q1psmB7	Proteasome subunit	65.10	0.00
TRINITY_sp|O2264CYTC	Cytochrome c OS=Fri	65.10	0.00
TRINITY_sp|P4234MTOR	Serine/threonine-pr	65.10	0.00
TRINITY_sp|Q9SX2CPLS1	ATP-dependent Clp p	65.10	0.00
TRINITY_sp|P1460Echs1	Enoyl-CoA hydratase	65.10	0.00
TRINITY_sp|P3406PAF1	Proteasome subunit	65.10	0.00
TRINITY_sp|Q8SS1nat5	N-alpha-acetyltrans	65.10	0.00
TRINITY_sp|Q55C0sdhB	Succinate dehydroge	65.10	0.00
TRINITY_sp|Q23M1Tt116a	Probable beta-tubul	65.10	0.00
TRINITY_sp|Q86A1vglta	Citrate synthase OS	65.10	0.00
TRINITY_sp|Q9ZP1TMN3	Transmembrane 9 sup	65.10	0.00
TRINITY_sp|Q9BG1PRDX4	Peroxiredoxin-4 OS=	65.10	0.00
TRINITY_sp|Q86I12fahd1	Acylpyruvase FAHD1,	65.10	0.00
TRINITY_sp|Q94J1SHM3	Serine hydroxymethy	65.10	0.00
TRINITY_sp|Q9ZP1At2g0361	Ubiquinone biosynth	65.10	0.00
TRINITY_sp|Q8L71RPL18AA	60S ribosomal prote	65.10	0.00
TRINITY_sp|P6321RPS17	40S ribosomal prote	65.10	0.00
TRINITY_sp|Q99M1Pccb	Propionyl-CoA carbo	65.10	0.00
TRINITY_sp|Q8MM1paxB	Paxillin-B OS=Dicty	65.10	0.00
TRINITY_sp|P5151AFC1	Serine/threonine-pr	65.10	0.00
TRINITY_sp|Q54T1rio2	Serine/threonine-pr	65.00	0.00
TRINITY_sp|Q9W41Erg	Neurobeachin OS=Dro	65.00	0.00
TRINITY_sp|Q9SN1At3g4752	Malate dehydrogenas	65.00	0.00
TRINITY_sp|O8601bdhA	D-beta-hydroxybutyr	65.00	0.00
TRINITY_sp|Q6Z11VTE4	Probable tocopherol	65.00	0.00
TRINITY_sp|Q9FN1CLPP2	ATP-dependent Clp p	65.00	0.00
TRINITY_sp|A4XK1dnaJ	Chaperone protein D	65.00	0.00
TRINITY_sp|Q9LH1FOLD2	Bifunctional protei	65.00	0.00
TRINITY_sp|Q4301PYRB1	Aspartate carbamoyl	65.00	0.00
TRINITY_sp|P3781KARS	Lysine--tRNA ligase	65.00	0.00
TRINITY_sp|P4601NOP2	Probable 28S rRNA (	65.00	0.00
TRINITY_sp|P2361MT-CYB	Cytochrome b OS=Chl	65.00	0.00
TRINITY_sp|Q0311AAEL0061	Lysosomal aspartic	65.00	0.00
TRINITY_sp|Q68R1IFT81	Intraflagellar tran	65.00	0.00
TRINITY_sp|Q9LI1CNIFU4	NifU-like protein 4	64.90	0.00
TRINITY_sp|O1791ran-1	GTP-binding nuclear	64.90	0.00
TRINITY_sp|B8B91RPL10A	60S ribosomal prote	64.90	0.00
TRINITY_sp|A4S61OSTLU_41	Lon protease homolo	64.90	0.00
TRINITY_sp|Q9FJ1FUPF1	Regulator of nonsen	64.90	0.00
TRINITY_sp|Q54D1mdhB	Probable malate deh	64.90	0.00
TRINITY_sp|C6TB1AKR1	Probable aldo-keto	64.90	0.00
TRINITY_sp|Q8E91hslV	ATP-dependent prote	64.90	0.00
TRINITY_sp|Q66L1mak16-a	Protein MAK16 homol	64.90	0.00
TRINITY_sp|Q32P1FCF1	rRNA-processing pro	64.90	0.00
TRINITY_sp|Q93Z1STT3A	Dolichyl-diphosphoo	64.90	0.00
TRINITY_sp|Q7T31ccdc25	Coiled-coil domain-	64.90	0.00
TRINITY_sp|Q9Y31RBMX2	RNA-binding motif p	64.90	0.00
TRINITY_sp|Q8RW1At4g3131	Uncharacterized aar	64.90	0.00
TRINITY_sp|Q5F31EFTUD2	116 kDa U5 small nu	64.90	0.00
TRINITY_sp|Q9ZV1CCT1	Choline-phosphate c	64.90	0.00
TRINITY_sp|Q9SK1CAF1-7	Probable CCR4-assoc	64.90	0.00

TRINITY_sp|Q9FJFUPF1	Regulator of nonsen	64.90	0
TRINITY_sp|Q54H\$apm1	AP-1 complex subuni	64.90	0.00
TRINITY_sp|P275\$LHCA4	Chlorophyll a-b bin	64.90	0.00
TRINITY_sp|Q8T1\$ kif5	Kinesin-related pro	64.90	0.00
TRINITY_sp|Q9P8\$GPD1	Glyceraldehyde-3-ph	64.80	0.00
TRINITY_sp|Q23M\$Tt116a	Probable beta-tubul	64.80	0.00
TRINITY_sp|Q3KQ\$Inubp1-A	Cytosolic Fe-S clus	64.80	0.00
TRINITY_sp|Q9UE\$FTSJ1	Putative tRNA (cyti	64.80	0.00
TRINITY_sp|Q9FJ\$NRPB6A	DNA-directed RNA po	64.80	0.00
TRINITY_sp|P197\$MIB	Myosin heavy chain	64.80	0.00
TRINITY_sp|Q5RC\$ACOX1	Peroxisomal acyl-co	64.80	0.00
TRINITY_sp|Q9FJ\$HBCF1	ABC transporter F f	64.80	0.00
TRINITY_sp|Q25A\$H0410G0\$	Double-strand break	64.80	0.00
TRINITY_sp|P264\$HSP70	Heat shock 70 kDa p	64.80	0.00
TRINITY_sp|O348\$yngF	Putative enoyl-CoA	64.80	0.00
TRINITY_sp|Q8WX\$DNAH7	Dynein heavy chain	64.80	0.00
TRINITY_sp|Q9BV\$EDEM2	ER degradation-enha	64.80	0.00
TRINITY_sp|A9IF\$gpmA	2,3-bisphosphoglyce	64.80	0.00
TRINITY_sp|Q413\$DIT1	Dicarboxylate trans	64.80	0.00
TRINITY_sp|P364\$ILSA	Isoleucine--tRNA li	64.80	0.00
TRINITY_sp|P537\$At3g570\$	Cystathionine beta-	64.80	0.00
TRINITY_sp|B9EX\$CARB	Carbamoyl-phosphate	64.80	0
TRINITY_sp|Q964\$-	Actin, cytoplasmic	64.80	0.00
TRINITY_sp|Q5L6\$gata	Glutamyl-tRNA(Gln)	64.70	0.00
TRINITY_sp|Q2NS\$(ung	Uracil-DNA glycosyl	64.70	0.00
TRINITY_sp|P025\$-	Actin-1 OS=Acantham	64.70	0.00
TRINITY_sp|O600\$6-PGD	6-phosphogluconate	64.70	0.00
TRINITY_sp|Q425\$ACO1	Aconitate hydratase	64.70	0
TRINITY_sp|Q431\$APT1	Adenine phosphoribo	64.70	0.00
TRINITY_sp|Q631\$Dnah7	Dynein heavy chain	64.70	0.00
TRINITY_sp|P0C8\$MCCRP1	Probable serine/thr	64.70	0.00
TRINITY_sp|Q9ZV\$CCT1	Choline-phosphate c	64.70	0.00
TRINITY_sp|Q9GP\$RpL31	60S ribosomal prote	64.70	0.00
TRINITY_sp|Q746\$ppckG	Phosphoenolpyruvate	64.70	0.00
TRINITY_sp|Q9SH\$UBC34	Ubiquitin-conjugati	64.70	0.00
TRINITY_sp|P501\$Rdh2	Retinol dehydrogena	64.60	0.00
TRINITY_sp|Q54Q\$EerkB	Extracellular signa	64.60	0.00
TRINITY_sp|O026\$ITIH2	Inter-alpha-trypsin	64.60	0.00
TRINITY_sp|Q6P8\$Alg8	Probable dolichyl p	64.60	0.00
TRINITY_sp|Q014\$SAR1B	GTP-binding protein	64.60	0.00
TRINITY_sp|B8EI\$HdnaK	Chaperone protein D	64.60	0.00
TRINITY_sp|Q54F\$(metK	S-adenosylmethionin	64.60	0.00
TRINITY_sp|Q4U4\$Xirp2	Xin actin-binding r	64.60	0.00
TRINITY_sp|Q8T6\$(abcH2	ABC transporter H f	64.60	0.00
TRINITY_sp|Q9VW\$H1(1)G01\$	Probable isocitrate	64.60	0.00
TRINITY_sp|Q3KP\$Tssc1	Protein TSSC1 OS=Xe	64.60	0.00
TRINITY_sp|P499\$(SRP54-1	Signal recognition	64.60	0.00
TRINITY_sp|Q2QM\$BSL2	Serine/threonine-pr	64.60	0.00
TRINITY_sp|Q9SI\$LSM7	Sm-like protein LSM	64.60	0.00
TRINITY_sp|A8IW\$(PURA	Adenylosuccinate sy	64.60	0.00
TRINITY_sp|Q7XT\$(Os04g011\$	tRNA-dihydrouridine	64.60	0.00
TRINITY_sp|O603\$(AQR	Intron-binding prot	64.60	0.00
TRINITY_sp|Q921\$(CAPN3	Calpain-3 OS=Gallus	64.60	0.00
TRINITY_sp|Q9S8\$(At1g778\$	Probable eukaryotic	64.60	0.00
TRINITY_sp|Q9M5\$(LPD1	Dihydrolipoyl dehyd	64.60	0.00
TRINITY_sp|Q9SV\$(At4g314\$	Coatomer subunit be	64.60	0

TRINITY_sp|P3838Os02g017	Protein transport p	64.60	0.00
TRINITY_sp|Q553\cs	Citrate synthase, m	64.50	0.00
TRINITY_sp|Q3ZC(CNOT7	CCR4-NOT transcript	64.50	0.00
TRINITY_sp|Q94J\RIDA	Reactive Intermedia	64.50	0.00
TRINITY_sp|Q54EVshmt2	Serine hydroxymethy	64.50	0.00
TRINITY_sp|P234(TRXM	Thioredoxin M-type,	64.50	0.00
TRINITY_sp|P545(yqjY	Uncharacterized pro	64.50	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	64.50	0.00
TRINITY_sp|Q9ZVWHEN2	DExH-box ATP-depend	64.50	0.00
TRINITY_sp|Q9SN5UGE5	UDP-glucose 4-epime	64.50	0.00
TRINITY_sp|Q7G8\Os01g03(	Probable chromatin-	64.50	0.00
TRINITY_sp|P2935-	Fructose-bisphospha	64.50	0.00
TRINITY_sp|P4039RIC2	Ras-related protein	64.50	0.00
TRINITY_sp|A8HS4CHLREDR4	40S ribosomal prote	64.50	0.00
TRINITY_sp|P5241AGPC	Glucose-1-phosphate	64.50	0.00
TRINITY_sp|Q0ABFmdh	Malate dehydrogenas	64.50	0.00
TRINITY_sp|Q56WIPED1	3-ketoacyl-CoA thio	64.50	0.00
TRINITY_sp|Q7XT\Os04g011	Pyruvate dehydrogen	64.50	0.00
TRINITY_sp|Q9ZN7SKD1	Protein SUPPRESSOR	64.50	0.00
TRINITY_sp|P5468fima	Fimbrin OS=Dictyost	64.50	0.00
TRINITY_sp|Q7ZV(vps29	Vacuolar protein so	64.50	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	64.50	0.00
TRINITY_sp|Q9M0\NSF	Vesicle-fusing ATPa	64.50	0.00
TRINITY_sp|Q215(M28.5	NHP2-like protein 1	64.40	0.00
TRINITY_sp|P5777EEFSEC	Selenocysteine-spec	64.40	0.00
TRINITY_sp|Q9SEH-	Pirin-like protein	64.40	0.00
TRINITY_sp|O9448tef3	Elongation factor 3	64.40	0.00
TRINITY_sp|F4K4FLSM4	Sm-like protein LSM	64.40	0.00
TRINITY_sp|Q6MVIDut-1	Deoxyuridine 5'-tri	64.40	0.00
TRINITY_sp|Q9Z1(Vars	Valine--tRNA ligase	64.40	0.00
TRINITY_sp|O1498BTAF1	TATA-binding protei	64.40	0.00
TRINITY_sp|O1371smc5	Structural maintena	64.40	0.00
TRINITY_sp|Q3885CRT2	Calreticulin-2 OS=A	64.40	0.00
TRINITY_sp|P4285ZBP14	14 kDa zinc-binding	64.40	0.00
TRINITY_sp|Q9C51RPS7A	40S ribosomal prote	64.40	0.00
TRINITY_sp|Q55Bfraptor	Protein raptor homo	64.40	0.00
TRINITY_sp|Q9HG(BiP	78 kDa glucose-regu	64.40	0.00
TRINITY_sp|P9298APR3	5'-adenylylsulfate	64.40	0.00
TRINITY_sp|P305(CAT2	Catalase isozyme 2	64.40	0.00
TRINITY_sp|Q7VA2infB	Translation initiat	64.40	0.00
TRINITY_sp|P0AF\irseA	Anti-sigma-E factor	64.30	0.00
TRINITY_sp|Q9UW8pph-3	Serine/threonine-pr	64.30	0.00
TRINITY_sp|Q9HDV\gpi12	Probable N-acetylgl	64.30	0.00
TRINITY_sp|Q90Y8rps4	40S ribosomal prote	64.30	0.00
TRINITY_sp|P4585prpD	2-methylcitrate deh	64.30	0.00
TRINITY_sp|Q54W\drq2	Developmentally-reg	64.30	0.00
TRINITY_sp|Q9MAFNOP5-2	Probable nucleolar	64.30	0.00
TRINITY_sp|Q6H78Os02g064	DEAD-box ATP-depend	64.30	0.00
TRINITY_sp|Q437(ROA1	DNA replication lic	64.30	0.00
TRINITY_sp|Q9182aurka-a	Aurora kinase A-A O	64.30	0.00
TRINITY_sp|Q84W\CCT3	T-complex protein 1	64.30	0.00
TRINITY_sp|Q2756psmA1	Proteasome subunit	64.30	0.00
TRINITY_sp|A8J78ATPG	ATP synthase subuni	64.30	0.00
TRINITY_sp|Q141(cadc	Probable acetoaceta	64.30	0.00
TRINITY_sp|Q034(-	Glutamate synthase	64.30	0
TRINITY_sp|Q9XIH\PLT1	Putative polyol tra	64.30	0.00

TRINITY_sp|O2355BAM3	Beta-amylase 3, chl	64.30	0.00
TRINITY_sp|A6GYdapF	Diaminopimelate epi	64.30	0.00
TRINITY_sp|F6QXVdna2	DNA replication ATP	64.20	0.00
TRINITY_sp|P913CF46F11.1	Inositol hexakispho	64.20	0.00
TRINITY_sp|P406JARL1	ADP-ribosylation fa	64.20	0.00
TRINITY_sp|Q4R5JRPRL22	60S ribosomal prote	64.20	0.00
TRINITY_sp|Q9VV4CG4933	Probable tRNA N6-ad	64.20	0.00
TRINITY_sp|Q54E5ppil3	Peptidyl-prolyl cis	64.20	0.00
TRINITY_sp|Q9DAIPacrg	Parkin coregulated	64.20	0.00
TRINITY_sp|B3RTITRIADDR7	Ubiquitin-fold modi	64.20	0.00
TRINITY_sp|O489(MDH1	Malate dehydrogenas	64.20	0.00
TRINITY_sp|Q9M0MABC9	ABC transporter B f	64.20	0.00
TRINITY_sp|O2285At2g4725	Probable pre-mRNA-s	64.20	0.00
TRINITY_sp|Q54EVLpd	Dihydrolipoyl dehyd	64.20	0.00
TRINITY_sp|B8AM7OsI_1408	PHD finger protein	64.20	0.00
TRINITY_sp|Q96T6inuE	Extracellular exo-i	64.20	0.00
TRINITY_sp|Q9LT(RPN11	26S proteasome non-	64.20	0.00
TRINITY_sp|P611(RAB2A	Ras-related protein	64.20	0.00
TRINITY_sp|Q9C8IEMB3003	Dihydrolipoyllysine	64.20	0.00
TRINITY_sp|Q148JTMEM1677	Protein kish-A OS=B	64.10	0.00
TRINITY_sp|Q5R65RBBP7	Histone-binding pro	64.10	0.00
TRINITY_sp|Q6UK6pirA	Protein pirA OS=Dic	64.10	0.00
TRINITY_sp|Q1RMVPEX5	Peroxisomal targeti	64.10	0.00
TRINITY_sp|Q0CBIhta1	Histone H2A OS=Aspe	64.10	0.00
TRINITY_sp|F4IPVSYCO	Cysteine--tRNA liga	64.10	0.00
TRINITY_sp|Q8IT5RPS18	40S ribosomal prote	64.10	0.00
TRINITY_sp|Q9SJ7RSZ22A	Serine/arginine-ric	64.10	0.00
TRINITY_sp|Q8LF6At1g2227	Multifunctional met	64.10	0.00
TRINITY_sp|P3866RPL24B	60S ribosomal prote	64.10	0.00
TRINITY_sp|P4275RPS11	40S ribosomal prote	64.10	0.00
TRINITY_sp|Q207JF53F4.1	Probable NADH dehyd	64.10	0.00
TRINITY_sp|Q9HG(BiP	78 kDa glucose-regu	64.10	0.00
TRINITY_sp|P4797zfs1	Zinc finger protein	64.10	0.00
TRINITY_sp|Q86A7uroc1	Probable urocanate	64.10	0.00
TRINITY_sp|Q9LN7At1g3447	Probable magnesium	64.10	0.00
TRINITY_sp|Q9Y3E5SF3B6	Splicing factor 3B	64.10	0.00
TRINITY_sp|O2364SBE2.1	1,4-alpha-glucan-br	64.10	0.00
TRINITY_sp|Q3957YPTC6	Ras-related protein	64.00	0.00
TRINITY_sp|P2578LCP2	Digestive cysteine	64.00	0.00
TRINITY_sp|Q8WX7DNAH7	Dynein heavy chain	64.00	0.00
TRINITY_sp|Q9655UGD1	UDP-glucose 6-dehyd	64.00	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	64.00	0.00
TRINITY_sp|Q940MAGT2	Alanine--glyoxylate	64.00	0.00
TRINITY_sp|P2435rps14	Plastid 30S ribosom	64.00	0.00
TRINITY_sp|Q3965PSAL	Photosystem I react	64.00	0.00
TRINITY_sp|Q9FF5RPS10B	40S ribosomal prote	64.00	0.00
TRINITY_sp|Q9MBIDHC10	Dynein-1-beta heavy	64.00	0.00
TRINITY_sp|Q4287RPB2	DNA-directed RNA po	64.00	0
TRINITY_sp|Q9CA1CKL2	Casein kinase 1-lik	64.00	0.00
TRINITY_sp|Q5LI8murQ	N-acetylmuramic aci	63.90	0.00
TRINITY_sp|O7497SPCC1827	Probable choline-ph	63.90	0.00
TRINITY_sp|P117(-	Probable pancreatic	63.90	0.00
TRINITY_sp|Q0P5IPIIH	Peptidyl-prolyl cis	63.90	0.00
TRINITY_sp|O7477mis3	KRR1 small subunit	63.90	0.00
TRINITY_sp|Q23M7Tt116a	Probable beta-tubul	63.90	0.00
TRINITY_sp|Q5NC5Dph1	Diphthamide biosynt	63.90	0.00

TRINITY_sp|P5043-	Serine hydroxymethy	63.90	0.00
TRINITY_sp|P496(-	Aconitate hydratase	63.90	0
TRINITY_sp|O2334HISN5B	Imidazoleglycerol-p	63.90	0.00
TRINITY_sp|Q9FN3OGG1	N-glycosylase/DNA 1	63.90	0.00
TRINITY_sp|Q55DvcysA	Cystathionine gamma	63.90	0.00
TRINITY_sp|A8HN5IFT27	Intraflagellar tran	63.90	0.00
TRINITY_sp|Q9LHGATA17	GATA transcription	63.90	0.00
TRINITY_sp|Q9M03SFC1	Mitochondrial succi	63.90	0.00
TRINITY_sp|P4817mt-atp6	ATP synthase subuni	63.80	0.00
TRINITY_sp|Q54S7vps15	Probable serine/thr	63.80	0.00
TRINITY_sp|P0CQ5RPL44	60S ribosomal prote	63.80	0.00
TRINITY_sp|Q9VK4Tor	Target of rapamycin	63.80	0.00
TRINITY_sp|Q6BY8RPS29	40S ribosomal prote	63.80	0.00
TRINITY_sp|O8253PBF1	Proteasome subunit	63.80	0.00
TRINITY_sp|Q1542SF3A2	Splicing factor 3A	63.80	0.00
TRINITY_sp|Q9SH3HMA5	Probable copper-tra	63.80	0.00
TRINITY_sp|Q9M72BCE2	Lipoamide acyltrans	63.80	0.00
TRINITY_sp|Q9D78Ppil2	Peptidyl-prolyl cis	63.80	0.00
TRINITY_sp|P4061F01G4.6	Phosphate carrier p	63.80	0.00
TRINITY_sp|Q54V7ctps	CTP synthase OS=Dic	63.80	0.00
TRINITY_sp|A8IR4CHLREDR7	Ribosome biogenesis	63.80	0.00
TRINITY_sp|H2L09gck-1	Germinal center kin	63.80	0.00
TRINITY_sp|Q8LS1WNK7	Probable serine/thr	63.80	0.00
TRINITY_sp|P5525FUMR	Fumarate hydratase,	63.80	0.00
TRINITY_sp|Q08D6abcb6	ATP-binding cassett	63.80	0.00
TRINITY_sp|A8IV3DRC3	Dynein regulatory c	63.80	0.00
TRINITY_sp|Q9FV4-	Zeta-carotene desat	63.80	0.00
TRINITY_sp|Q4007PSBR	Photosystem II 10 k	63.80	0.00
TRINITY_sp|Q5FXMacbA	Acyl-CoA-binding pr	63.80	0.00
TRINITY_sp|Q4VXUPABPC1L	Polyadenylate-bindi	63.80	0.00
TRINITY_sp|Q4106secA	Protein translocase	63.80	0
TRINITY_sp|A8ISMARL3	ADP-ribosylation fa	63.80	0.00
TRINITY_sp|P5156AFC1	Serine/threonine-pr	63.80	0.00
TRINITY_sp|Q8WUIRAB2B	Ras-related protein	63.80	0.00
TRINITY_sp|P9051-	Proteasome subunit	63.70	0.00
TRINITY_sp|Q76I8RPS12	40S ribosomal prote	63.70	0.00
TRINITY_sp|Q1ZXIechsl	Probable enoyl-CoA	63.70	0.00
TRINITY_sp|Q940MAGT2	Alanine--glyoxylate	63.70	0.00
TRINITY_sp|Q8W2(CSN2	COP9 signalosome co	63.70	0.00
TRINITY_sp|Q54J6thrS1	Probable threonine-	63.70	0.00
TRINITY_sp|Q54QJhgd	Homogentisate 1,2-d	63.70	0.00
TRINITY_sp|P1344HPR-A	Glycerate dehydroge	63.70	0.00
TRINITY_sp|P9383IMDH2	3-isopropylmalate d	63.70	0.00
TRINITY_sp|P5364sodB	Superoxide dismutas	63.70	0.00
TRINITY_sp|Q3919PRL2	Protein pleiotropic	63.70	0.00
TRINITY_sp|Q8EJVprpB	2-methylisocitrate	63.70	0.00
TRINITY_sp|P4686FLA10	Kinesin-like protei	63.70	0.00
TRINITY_sp|P5376uglA	Uracil-DNA glycosyl	63.70	0.00
TRINITY_sp|E1C1FUSP47	Ubiquitin carboxyl-	63.60	0.00
TRINITY_sp|Q6112Cfi	Complement factor I	63.60	0.00
TRINITY_sp|Q4SUFtma7	Translation machine	63.60	0.00
TRINITY_sp|O4962ISU1	Iron-sulfur cluster	63.60	0.00
TRINITY_sp|A8IC4URM1	Ubiquitin-related m	63.60	0.00
TRINITY_sp|Q9EPIAtp13a1	Manganese-transport	63.60	0.00
TRINITY_sp|P802(-	NADH dehydrogenase	63.60	0.00
TRINITY_sp|Q8K13Sde2	Protein SDE2 homolo	63.60	0.00

TRINITY_sp|O8114PAA2	Proteasome subunit	63.60	0.00
TRINITY_sp|P492(RPL9B	60S ribosomal prote	63.60	0.00
TRINITY_sp|P1235PSAE	Photosystem I react	63.60	0.00
TRINITY_sp|Q8LPIABC2	ABC transporter B f	63.60	0.00
TRINITY_sp|Q54QferkB	Extracellular signa	63.60	0.00
TRINITY_sp|Q54QferkB	Extracellular signa	63.60	0.00
TRINITY_sp|Q9M3IRPL35C	60S ribosomal prote	63.60	0.00
TRINITY_sp|Q9LP4RPN6	26S proteasome non-	63.60	0.00
TRINITY_sp|Q54Y2dhkJ	Hybrid signal trans	63.60	0.00
TRINITY_sp|Q9WV5Mok	MAPK/MAK/MRK overla	63.60	0.00
TRINITY_sp|Q4372OASC	Cysteine synthase,	63.60	0.00
TRINITY_sp|Q56Y8MAP2B	Methionine aminopep	63.60	0.00
TRINITY_sp|Q9LYMFER3	Ferritin-3, chlorop	63.60	0.00
TRINITY_sp|Q3877CDC2A	Cell division contr	63.60	0.00
TRINITY_sp|Q8LEIABCI11	ABC transporter I f	63.60	0.00
TRINITY_sp|Q6F21CLPB1	Chaperone protein C	63.60	0.00
TRINITY_sp|Q84M2ABCA1	ABC transporter A f	63.60	0.00
TRINITY_sp|Q940ICCT2	T-complex protein 1	63.60	0.00
TRINITY_sp|P0DK(PGLP1A	Phosphoglycolate ph	63.60	0.00
TRINITY_sp|A6BLVNFYC2	Nuclear transcripti	63.50	0.00
TRINITY_sp|Q54RIacadsb	Probable short/bran	63.50	0.00
TRINITY_sp|P3352ABCC1	Multidrug resistanc	63.50	0.00
TRINITY_sp|O4906-	Probable phospholip	63.50	0.00
TRINITY_sp|Q9BT(DIDO1	Death-inducer oblit	63.50	0.00
TRINITY_sp|Q8I0Iilis1	Lissencephaly-1 hom	63.50	0.00
TRINITY_sp|Q9SHRUB1	Ubiquitin-NEDD8-lik	63.50	0.00
TRINITY_sp|P0396rasD	Ras-like protein ra	63.50	0.00
TRINITY_sp|Q54Efcct7	T-complex protein 1	63.50	0.00
TRINITY_sp|P5179CLCN6	Chloride transport	63.50	0.00
TRINITY_sp|Q8K31TSTA3	GDP-L-fucose syntha	63.50	0.00
TRINITY_sp|Q96A2CPNE4	Copine-4 OS=Homo sa	63.50	0.00
TRINITY_sp|Q9LVMABC25	ABC transporter B f	63.50	0.00
TRINITY_sp|Q3899KIN10	SNF1-related protei	63.50	0.00
TRINITY_sp|A2Y4FCDKD-1	Cyclin-dependent ki	63.50	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	63.50	0.00
TRINITY_sp|F4K0CKIN4C	Kinesin-like protei	63.50	0.00
TRINITY_sp|Q6CQETAR1-A	Protein TAR1 OS=Klu	63.50	0.00
TRINITY_sp|Q9UK(ANGPTL2	Angiopietin-relate	63.40	0.00
TRINITY_sp|Q8L8VCYP21-2	Peptidyl-prolyl cis	63.40	0.00
TRINITY_sp|P3275-	Alpha-1-antitrypsin	63.40	0.00
TRINITY_sp|Q9VD1Ino80	Putative DNA helica	63.40	0.00
TRINITY_sp|Q17QCAP2S1	AP-2 complex subuni	63.40	0.00
TRINITY_sp|Q54Kfncbp2	Nuclear cap-binding	63.40	0.00
TRINITY_sp|Q7XA7ABCG21	ABC transporter G f	63.40	0.00
TRINITY_sp|Q0597RAB2	Ras-related protein	63.40	0.00
TRINITY_sp|O6121daf-31	N-alpha-acetyltrans	63.40	0.00
TRINITY_sp|P3409myoB	Myosin IB heavy cha	63.40	0.00
TRINITY_sp|Q9503metK	S-adenosylmethionin	63.40	0.00
TRINITY_sp|Q94F(IMPL1	Phosphatase IMPL1,	63.40	0.00
TRINITY_sp|P1826Gsk3b	Glycogen synthase k	63.40	0.00
TRINITY_sp|Q6UK(pirA	Protein pirA OS=Dic	63.40	0.00
TRINITY_sp|P0CO(HHT1	Histone H3 OS=Crypt	63.40	0.00
TRINITY_sp|A0E77GSPATT0	(ATPase ASNA1 homolo	63.40	0.00
TRINITY_sp|P0446-	Calmodulin OS=Triti	63.40	0.00
TRINITY_sp|P4642GstS1	Glutathione S-trans	63.40	0.00
TRINITY_sp|A2ZV(CPK1	Calcium-dependent p	63.40	0.00

TRINITY_sp|Q9LS\GLYR1	Glyoxylate/succinic	63.40	0.00
TRINITY_sp|Q6F2\CLPB1	Chaperone protein C	63.40	0.00
TRINITY_sp|Q169\PRKC1	Calcium-dependent p	63.40	0.00
TRINITY_sp|A4S6\OSTLU_41	Lon protease homolo	63.40	0.00
TRINITY_sp|Q6YV\CARA	Carbamoyl-phosphate	63.40	0.00
TRINITY_sp|Q9M4\PGMP	Phosphoglucomutase,	63.40	0.00
TRINITY_sp|Q9ZV\CUL3A	Cullin-3A OS=Arabid	63.40	0.00
TRINITY_sp|Q8SS\mat5	N-alpha-acetyltrans	63.40	0.00
TRINITY_sp|Q9VT\CG7949	MIP18 family protei	63.40	0.00
TRINITY_sp|Q649\ORF1	RNA replication pol	63.40	0.00
TRINITY_sp|P207\MAK	Serine/threonine-pr	63.30	0.00
TRINITY_sp|Q8LD\CYP19-4	Peptidyl-prolyl cis	63.30	0.00
TRINITY_sp|F1Q4\atp9b	Probable phospholip	63.30	0.00
TRINITY_sp|Q9SB\PDK	[Pyruvate dehydroge	63.30	0.00
TRINITY_sp|A8XJ\cst-1	Serine/threonine-pr	63.30	0.00
TRINITY_sp|P133\PSAH	Photosystem I react	63.30	0.00
TRINITY_sp|Q9SC\KIN8B	Kinesin-like protei	63.30	0.00
TRINITY_sp|P469\dad1	Dolichyl-diphosphoo	63.30	0.00
TRINITY_sp|Q272\TFA	4-hydroxyphenylpyru	63.30	0.00
TRINITY_sp|Q55A\scsC	Succinate--CoA liga	63.30	0.00
TRINITY_sp|P242\yjiA	Uncharacterized GTP	63.30	0.00
TRINITY_sp|P222\(-	Pyruvate kinase, cy	63.30	0.00
TRINITY_sp|Q9SS\FADT2	Arogenate dehydrata	63.30	0.00
TRINITY_sp|Q8RW\IBR3	Probable acyl-CoA d	63.30	0.00
TRINITY_sp|Q6QN\(-	Casein kinase I OS=	63.30	0.00
TRINITY_sp|O826\HCF136	Photosystem II stab	63.30	0.00
TRINITY_sp|C5WZ\Hsb01g020	Inosine triphosphat	63.20	0.00
TRINITY_sp|Q9Z0\Txnrd2	Thioredoxin reducta	63.20	0.00
TRINITY_sp|B8BK\Osi_3612	DNA replication lic	63.20	0.00
TRINITY_sp|P0AB\elbB	Glyoxalase ElbB OS=	63.20	0.00
TRINITY_sp|Q8BW\Dnah3	Dynein heavy chain	63.20	0.00
TRINITY_sp|Q9FI\IRPS8B	40S ribosomal prote	63.20	0.00
TRINITY_sp|Q23A\TLL3E	Tubulin glycyclase 3	63.20	0.00
TRINITY_sp|Q371\ACA1	Calcium-transportin	63.20	0.00
TRINITY_sp|P0CQ\PRP28	Pre-mRNA-splicing A	63.20	0.00
TRINITY_sp|Q8LB\PRP38	Pre-mRNA-splicing f	63.20	0.00
TRINITY_sp|O230\RPL6	50S ribosomal prote	63.20	0.00
TRINITY_sp|Q8GS\HCAR	7-hydroxymethyl chl	63.20	0.00
TRINITY_sp|Q9VV\CG4933	Probable tRNA N6-ad	63.20	0.00
TRINITY_sp|Q9LD\CAC3	Acetyl-coenzyme A c	63.20	0.00
TRINITY_sp|Q70G\Osi07g065	Thioredoxin reducta	63.20	0.00
TRINITY_sp|P291\CPN60I	Chaperonin CPN60-1,	63.20	0.00
TRINITY_sp|Q9SR\At3g0931	UPF0161 protein At3	63.20	0.00
TRINITY_sp|Q94K\At3g5814	Phenylalanine--tRNA	63.20	0.00
TRINITY_sp|A0A0\IOR	Protein ORANGE-GREE	63.20	0.00
TRINITY_sp|A4S6\OSTLU_41	Lon protease homolo	63.20	0.00
TRINITY_sp|Q7G8\Osi01g036	Probable chromatin-	63.20	0.00
TRINITY_sp|P937\TWN2	Valine--tRNA ligase	63.20	0.00
TRINITY_sp|Q66K\rbm42	RNA-binding protein	63.20	0.00
TRINITY_sp|Q2KI\NAA10	N-alpha-acetyltrans	63.10	0.00
TRINITY_sp|B4KC\Cbp20	Nuclear cap-binding	63.10	0.00
TRINITY_sp|Q9CA\CKL2	Casein kinase 1-lik	63.10	0.00
TRINITY_sp|Q556\mad211-1	Mitotic spindle ass	63.10	0.00
TRINITY_sp|Q9GP\RpL31	60S ribosomal prote	63.10	0.00
TRINITY_sp|Q5B2\acpA	Acetate permease A	63.10	0.00
TRINITY_sp|P281\pkgB	Protein kinase 2 OS	63.10	0.00

TRINITY_sp|Q569I	selenbp1	Selenium-binding pr	63.10	0.00
TRINITY_sp|Q9FDZ	RPL21E	60S ribosomal prote	63.10	0.00
TRINITY_sp|P2079	MAK	Serine/threonine-pr	63.10	0.00
TRINITY_sp|P5099	CCT4	T-complex protein 1	63.10	0.00
TRINITY_sp|O6157	gch	GTP cyclohydrolase	63.10	0.00
TRINITY_sp|O5000	OTC	Ornithine carbamoyl	63.10	0.00
TRINITY_sp|P2161	-	Pyrophosphate-energ	63.10	0.00
TRINITY_sp|Q9R00	Lgmn	Legumain OS=Rattus	63.10	0.00
TRINITY_sp|Q9VA0	CG11837	Probable dimethylad	63.10	0.00
TRINITY_sp|Q9ZW6	CKL9	Casein kinase 1-lik	63.10	0.00
TRINITY_sp|C0SU1	JMJ16	Putative lysine-spe	63.10	0.00
TRINITY_sp|O8253	FTSZ2-1	Cell division prote	63.10	0.00
TRINITY_sp|Q9H07	NAT10	RNA cytidine acetyl	63.10	0.00
TRINITY_sp|Q3MH1	RBBP4	Histone-binding pro	63.00	0.00
TRINITY_sp|P1187	-	High mobility group	63.00	0.00
TRINITY_sp|O7648	-	Casein kinase II su	63.00	0.00
TRINITY_sp|Q0913	tif213	Eukaryotic translat	63.00	0.00
TRINITY_sp|Q54H0	cauh	Methylglutaconyl-Co	63.00	0.00
TRINITY_sp|Q9SM1	DHC1	Dynein-1-alpha heav	63.00	0.00
TRINITY_sp|Q8GX3	CFIS2	Pre-mRNA cleavage f	63.00	0.00
TRINITY_sp|Q76N1	hpd	4-hydroxyphenylpyru	63.00	0.00
TRINITY_sp|P9309	-	60S ribosomal prote	63.00	0.00
TRINITY_sp|Q9997	TEP1	Telomerase protein	63.00	0.00
TRINITY_sp|Q1542	SF3B4	Splicing factor 3B	63.00	0.00
TRINITY_sp|Q9BV6	RNF126	E3 ubiquitin-protei	63.00	0.00
TRINITY_sp|Q0992	yakc	Aldo-keto reductase	63.00	0.00
TRINITY_sp|Q4309	-	Granule-bound starc	63.00	0.00
TRINITY_sp|Q8C32	Guf1	Translation factor	63.00	0.00
TRINITY_sp|Q9Y30	NAALAD2	N-acetylated-alpha-	63.00	0.00
TRINITY_sp|Q9C51	SMC2-1	Structural maintena	63.00	0.00
TRINITY_sp|Q9SY1	PEX10	Peroxisome biogenes	63.00	0.00
TRINITY_sp|Q9LNC	CLO	110 kDa U5 small nu	63.00	0
TRINITY_sp|P3204	RPL37A	60S ribosomal prote	63.00	0.00
TRINITY_sp|P3204	RPL37A	60S ribosomal prote	63.00	0.00
TRINITY_sp|P2311	CDC2	Cell division contr	63.00	0.00
TRINITY_sp|P2834	acuE	Malate synthase, gl	63.00	0.00
TRINITY_sp|P2090	aarA	Citrate synthase OS	62.90	0.00
TRINITY_sp|P3728	PIGA	Phosphatidylinosito	62.90	0.00
TRINITY_sp|Q9US1	gpi10	GPI mannosyltransfe	62.90	0.00
TRINITY_sp|C1D67	pyrC	Dihydroorotase OS=L	62.90	0.00
TRINITY_sp|P0DK1	RPS10-1	40S ribosomal prote	62.90	0.00
TRINITY_sp|Q8TF0	DYNLRB2	Dynein light chain	62.90	0.00
TRINITY_sp|Q9C87	At1g6334	Putative flavin-con	62.90	0.00
TRINITY_sp|Q9LY8	RGLG2	E3 ubiquitin-protei	62.90	0.00
TRINITY_sp|Q9LRF	CID9	Polyadenylate-bindi	62.90	0.00
TRINITY_sp|Q54W7	pex7	Peroxisomal targeti	62.90	0.00
TRINITY_sp|O6030	AQR	Intron-binding prot	62.90	0.00
TRINITY_sp|Q84M2	ABCA1	ABC transporter A f	62.80	0.00
TRINITY_sp|P9310	CDC2	Cell division contr	62.80	0.00
TRINITY_sp|D4B00	ARB_0207	Probable glucan end	62.80	0.00
TRINITY_sp|Q7MA3	clpX1	ATP-dependent Clp p	62.80	0.00
TRINITY_sp|Q55G0	psmA5	Proteasome subunit	62.80	0.00
TRINITY_sp|Q86I0	dst1	Serine/threonine-pr	62.80	0.00
TRINITY_sp|Q9LW0	-	Inositol-3-phosphat	62.80	0.00
TRINITY_sp|Q9CA1	DRG2	Developmentally-reg	62.80	0.00
TRINITY_sp|Q9BZ0	CRNKL1	Crooked neck-like p	62.80	0.00

TRINITY_sp|Q2KJ|PRPF6	Pre-mRNA-processing	62.80	0.00
TRINITY_sp|O046|ADNT1	Mitochondrial adeni	62.80	0.00
TRINITY_sp|O238|SIR	Sulfite reductase [	62.80	0.00
TRINITY_sp|P234|-	Ribulose bisphospha	62.80	0.00
TRINITY_sp|Q8T6|abcf2	ABC transporter F f	62.80	0.00
TRINITY_sp|P0AC|fumA	Fumarate hydratase	62.80	0.00
TRINITY_sp|Q9LS|UBC32	Ubiquitin-conjugati	62.70	0.00
TRINITY_sp|P024|Rp1p2	60S acidic ribosoma	62.70	0.00
TRINITY_sp|O228|HEME2	Uroporphyrinogen de	62.70	0.00
TRINITY_sp|Q54I|polr3b	DNA-directed RNA po	62.70	0.00
TRINITY_sp|Q6QN|-	Casein kinase I OS=	62.70	0.00
TRINITY_sp|Q8GW|At1g1844	Peptidyl-tRNA hydro	62.70	0.00
TRINITY_sp|A8G8|tatD	3'-5' ssDNA/RNA exo	62.70	0.00
TRINITY_sp|Q8LP|ABCE2	ABC transporter E f	62.70	0.00
TRINITY_sp|O646|URT1	UTP:RNA uridylyltra	62.70	0.00
TRINITY_sp|Q9SE|-	Pirin-like protein	62.70	0.00
TRINITY_sp|Q9SI|At2g4029	Eukaryotic translat	62.70	0.00
TRINITY_sp|Q655|FTSH2	ATP-dependent zinc	62.70	0.00
TRINITY_sp|O224|HDA19	Histone deacetylase	62.70	0.00
TRINITY_sp|P496|-	Aconitate hydratase	62.70	0.00
TRINITY_sp|Q9SE|AAA1	Katanin p60 ATPase-	62.70	0.00
TRINITY_sp|Q9SM|DHC1B	Cytoplasmic dynein	62.70	0.00
TRINITY_sp|Q652|PHT4;4	Probable anion tran	62.70	0.00
TRINITY_sp|A5PJ|SF3A2	Splicing factor 3A	62.70	0.00
TRINITY_sp|C5D4|deoC	Deoxyribose-phospha	62.60	0.00
TRINITY_sp|P534|-	Actin OS=Chlamydomo	62.60	0.00
TRINITY_sp|Q55C|amdhd1	Probable imidazonon	62.60	0.00
TRINITY_sp|Q6QN|-	Casein kinase I OS=	62.60	0.00
TRINITY_sp|P264|HSP70	Heat shock 70 kDa p	62.60	0.00
TRINITY_sp|Q414|PCM3	Putative calmodulin	62.60	0.00
TRINITY_sp|Q964|-	Meiotic recombinati	62.60	0.00
TRINITY_sp|Q9SV|UEV1D	Ubiquitin-conjugati	62.60	0.00
TRINITY_sp|Q6AV|Os03g061	Probable N-acetyl-g	62.60	0.00
TRINITY_sp|O005|NOP56	Nucleolar protein 5	62.60	0.00
TRINITY_sp|O229|RH24	DEAD-box ATP-depend	62.60	0.00
TRINITY_sp|Q9D2|Dnaaf1	Dynein assembly fac	62.60	0.00
TRINITY_sp|Q9MB|DHC10	Dynein-1-beta heavy	62.60	0.00
TRINITY_sp|Q9QY|Abcc5	Multidrug resistanc	62.60	0.00
TRINITY_sp|P465|ubc4	Ubiquitin-conjugati	62.50	0.00
TRINITY_sp|Q7KW|prp19	Pre-mRNA-processing	62.50	0.00
TRINITY_sp|E2RK|RPL32	60S ribosomal prote	62.50	0.00
TRINITY_sp|P306|cdc-25.1	M-phase inducer pho	62.50	0.00
TRINITY_sp|Q54Y|mrpl33	Probable 39S riboso	62.50	0.00
TRINITY_sp|Q46E|msrB	Peptide methionine	62.50	0.00
TRINITY_sp|Q2HJ|PKNOX1	Homeobox protein PK	62.50	0.00
TRINITY_sp|P623|CPK1	Calcium-dependent p	62.50	0.00
TRINITY_sp|B8AM|CHLD	Magnesium-chelatase	62.50	0.00
TRINITY_sp|O830|pip	Probable proline im	62.50	0.00
TRINITY_sp|Q2KI|TCEB1	Transcription elong	62.50	0.00
TRINITY_sp|Q54Q|FerkB	Extracellular signa	62.50	0.00
TRINITY_sp|P316|parp1	Poly [ADP-ribose] p	62.50	0.00
TRINITY_sp|Q9FV|DHDP52	4-hydroxy-tetrahydr	62.50	0.00
TRINITY_sp|Q56K|SF3B5	Splicing factor 3B	62.50	0.00
TRINITY_sp|Q922|Plrg1	Pleiotropic regulat	62.50	0.00
TRINITY_sp|Q8MQ|cshA	Citrate synthase, p	62.50	0.00
TRINITY_sp|A4K4|RTEL1	Regulator of telome	62.50	0.00

TRINITY_sp|Q3886XPB1	DNA repair helicase	62.50	0.00
TRINITY_sp|O4892CYP97B2	Cytochrome P450 97B	62.50	0.00
TRINITY_sp|B9DGIACS	Acetyl-coenzyme A s	62.50	0.00
TRINITY_sp|Q9Y3E5SF3B6	Splicing factor 3B	62.50	0.00
TRINITY_sp|A8J06CHLREDR1	1-acyl-sn-glycerol-	62.50	0.00
TRINITY_sp|Q8VYFCKL12	Casein kinase 1-lik	62.50	0.00
TRINITY_sp|Q74ZFHAGR231C	Lipoyl synthase, mi	62.50	0.00
TRINITY_sp|Q5DM5IFT172	Intraflagellar tran	62.50	0.00
TRINITY_sp|Q5ZJNGLY1	Peptide-N(4)-(N-ace	62.50	0.00
TRINITY_sp|Q1ZX1DDB_G027	Probable serine/thr	62.50	0.00
TRINITY_sp|P0272SLC25A4	ADP/ATP translocase	62.40	0.00
TRINITY_sp|P5242PAC1	Proteasome subunit	62.40	0.00
TRINITY_sp|P1686-	Histone H2A-III OS=	62.40	0.00
TRINITY_sp|A0L57acsA	Acetyl-coenzyme A s	62.40	0.00
TRINITY_sp|Q54S2nfya	Nuclear transcripti	62.40	0.00
TRINITY_sp|P0257Act79B	Actin, larval muscl	62.40	0.00
TRINITY_sp|Q2371-	Elongation factor 2	62.40	0
TRINITY_sp|Q54JHoatA	Probable ornithine	62.40	0.00
TRINITY_sp|Q6YS3Os07g03C	(DEAD-box ATP-depend	62.40	0.00
TRINITY_sp|O8278HISN3	1-(5-phosphoribosyl	62.40	0.00
TRINITY_sp|Q4KTJIRPL5	60S ribosomal prote	62.40	0.00
TRINITY_sp|P1117DLST	Dihydrolipoyllysine	62.40	0.00
TRINITY_sp|Q0WM2ALDH6B2	Methylmalonate-semi	62.40	0.00
TRINITY_sp|A8IB2CHLREDR1	40S ribosomal prote	62.40	0.00
TRINITY_sp|Q08D7PANK3	Pantothenate kinase	62.30	0.00
TRINITY_sp|Q8GWVGFA2	Chaperone protein d	62.30	0.00
TRINITY_sp|P0CC(DDB_G028	Enolase superfamily	62.30	0.00
TRINITY_sp|O2405MT2	Metallothionein-lik	62.30	0.00
TRINITY_sp|Q86A2psmB1	Proteasome subunit	62.30	0.00
TRINITY_sp|Q86K9trappc3	Trafficking protein	62.30	0.00
TRINITY_sp|Q55D6psmB3	Proteasome subunit	62.30	0.00
TRINITY_sp|Q9LHFYPP3	Phytochrome-associa	62.30	0.00
TRINITY_sp|Q75JIpckA	Phosphoenolpyruvate	62.30	0.00
TRINITY_sp|Q0597RAB1A	Ras-related protein	62.30	0.00
TRINITY_sp|P4234MTOR	Serine/threonine-pr	62.30	0.00
TRINITY_sp|P4608NOP2	Probable 28S rRNA (	62.30	0.00
TRINITY_sp|Q9XYIfcpA	Probable C-terminal	62.30	0.00
TRINITY_sp|P0678TOP2	DNA topoisomerase 2	62.30	0.00
TRINITY_sp|A8JA4DYF13	Intraflagellar tran	62.30	0.00
TRINITY_sp|Q3ED6ABC119	ABC transporter I f	62.30	0.00
TRINITY_sp|P5039Gdi1	Rab GDP dissociatio	62.30	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	62.30	0.00
TRINITY_sp|A1WZCrpmG	50S ribosomal prote	62.30	0.00
TRINITY_sp|Q2436Iswi	Chromatin-remodelin	62.30	0.00
TRINITY_sp|Q8K01Oplah	5-oxoprolinase OS=M	62.30	0.00
TRINITY_sp|Q3924PP2AB2	Serine/threonine pr	62.30	0.00
TRINITY_sp|Q8RWURVE8	Protein REVEILLE 8	62.30	0.00
TRINITY_sp|A8HTVtuf1	Elongation factor T	62.20	0.00
TRINITY_sp|Q2SJImsrB	Peptide methionine	62.20	0.00
TRINITY_sp|P5113MSK-2	Glycogen synthase k	62.20	0.00
TRINITY_sp|Q9UR8ACT	Actin, gamma OS=Pen	62.20	0.00
TRINITY_sp|P2975ACTB	Actin, cytoplasmic	62.20	0.00
TRINITY_sp|Q1JQIMOCS1	Molybdenum cofactor	62.20	0.00
TRINITY_sp|Q9I0IppurB	Adenylosuccinate ly	62.20	0.00
TRINITY_sp|Q8DJ4clpB1	Chaperone protein C	62.20	0.00
TRINITY_sp|Q54QferkB	Extracellular signa	62.20	0.00

TRINITY_sp|Q59S6IPL1	Spindle assembly ch	62.20	0.00
TRINITY_sp|Q6DBUgmppb	Mannose-1-phosphate	62.20	0.00
TRINITY_sp|Q2047kin-20	Casein kinase I iso	62.20	0.00
TRINITY_sp|Q8LAAGATA1	GATA transcription	62.20	0.00
TRINITY_sp|Q54S5nvl	Putative ribosome b	62.20	0.00
TRINITY_sp|P5424PGIC	Glucose-6-phosphate	62.20	0.00
TRINITY_sp|Q2RBN0s1lg010	Clathrin heavy chai	62.20	0
TRINITY_sp|P0DJ2RPL35A	60S ribosomal prote	62.20	0.00
TRINITY_sp|Q10M1R40C1	Ricin B-like lectin	62.10	0.00
TRINITY_sp|Q3910FTSH1	ATP-dependent zinc	62.10	0.00
TRINITY_sp|Q54V7ctps	CTP synthase OS=Dic	62.10	0.00
TRINITY_sp|Q6FUIURA7	CTP synthase OS=Can	62.10	0.00
TRINITY_sp|A7MB7SGK1	Serine/threonine-pr	62.10	0.00
TRINITY_sp|Q0662GDB1	Glycogen debranchin	62.10	0.00
TRINITY_sp|Q8L32KAS	3-oxoacyl-[acyl-car	62.10	0.00
TRINITY_sp|P2338WARS	Tryptophan--tRNA li	62.10	0.00
TRINITY_sp|Q9BP0B9D2	B9 domain-containin	62.10	0.00
TRINITY_sp|Q5688gtdc1	Glycosyltransferase	62.10	0.00
TRINITY_sp|Q8TFHrp11802	60S ribosomal prote	62.10	0.00
TRINITY_sp|P1061CTSA	Lysosomal protectiv	62.10	0.00
TRINITY_sp|Q9C61At1g5092	Nucleolar GTP-bindi	62.10	0.00
TRINITY_sp|Q9M81At1g7426	Probable phosphorib	62.10	0
TRINITY_sp|Q94F0IMPL1	Phosphatase IMPL1,	62.10	0.00
TRINITY_sp|Q9LS0ASF1B	Histone chaperone A	62.10	0.00
TRINITY_sp|Q7ZX2kif19	Kinesin-like protei	62.10	0.00
TRINITY_sp|F41S0At2g3200	DNA topoisomerase 3	62.00	0.00
TRINITY_sp|Q9D7Hiscu	Iron-sulfur cluster	62.00	0.00
TRINITY_sp|Q8LBNAt2g1671	Iron-sulfur assembl	62.00	0.00
TRINITY_sp|Q4025FIS1	Probable aldehyde d	62.00	0.00
TRINITY_sp|Q6DE0epabp	Embryonic polyadeny	62.00	0.00
TRINITY_sp|Q9SI0DSK2B	Ubiquitin domain-co	62.00	0.00
TRINITY_sp|P3232DCTD	Deoxycytidylate dea	62.00	0.00
TRINITY_sp|Q5606prpC	2-methylcitrate syn	62.00	0.00
TRINITY_sp|Q8GWWAIH	Agmatine deiminase	62.00	0.00
TRINITY_sp|Q0A90Mlg_1172	Putative 4-hydroxy-	62.00	0.00
TRINITY_sp|P5583RPS27	40S ribosomal prote	62.00	0.00
TRINITY_sp|O2285ETFQO	Electron transfer f	62.00	0.00
TRINITY_sp|Q8W3IMFDR	NADPH:adrenodoxin o	62.00	0.00
TRINITY_sp|Q29S2DDX47	Probable ATP-depend	62.00	0.00
TRINITY_sp|Q0WPVVRMR4	Receptor homology r	62.00	0.00
TRINITY_sp|Q9C50SUF4	Protein SUPPRESSOR	62.00	0.00
TRINITY_sp|P7421ffh	Signal recognition	62.00	0.00
TRINITY_sp|A6QR5USP4	Ubiquitin carboxyl-	61.90	0.00
TRINITY_sp|Q0143AMPD2	AMP deaminase 2 OS=	61.90	0.00
TRINITY_sp|P4646Vps4b	Vacuolar protein so	61.90	0.00
TRINITY_sp|A3RL1-	40S ribosomal prote	61.90	0.00
TRINITY_sp|Q54B0psmB5	Proteasome subunit	61.90	0.00
TRINITY_sp|Q78P0Ccdc25	Coiled-coil domain-	61.90	0.00
TRINITY_sp|P2273ARP2	60S ribosomal prote	61.90	0.00
TRINITY_sp|P0C23-	40S ribosomal prote	61.90	0.00
TRINITY_sp|Q9C50NADK2	NAD kinase 2, chlor	61.90	0.00
TRINITY_sp|Q76N0cct6	T-complex protein 1	61.90	0.00
TRINITY_sp|Q9ZV0PECT1	Ethanolamine-phosph	61.90	0.00
TRINITY_sp|Q8L60RPOT1-S0	DNA-directed RNA po	61.90	0.00
TRINITY_sp|O8882Sc5d	Lathosterol oxidase	61.80	0.00
TRINITY_sp|Q9UM0ANAPC10	Anaphase-promoting	61.80	0.00

TRINITY_sp|P107(CAB7	Chlorophyll a-b bin	61.80	0.00
TRINITY_sp|Q86JHlvsB	BEACH domain-contai	61.80	0.00
TRINITY_sp|Q9ZQIACX1.2	Putative peroxisoma	61.80	0.00
TRINITY_sp|Q59XIRAS1	Ras-like protein 1	61.80	0.00
TRINITY_sp|P2431-	Proliferating cell	61.80	0.00
TRINITY_sp|P8235-	Non-specific lipid-	61.80	0.00
TRINITY_sp|Q31QNglgC	Glucose-1-phosphate	61.80	0.00
TRINITY_sp|Q9SZJLIP5	Protein HOMOLOG OF	61.80	0.00
TRINITY_sp|P0AF(mog	Molybdopterin adeny	61.80	0.00
TRINITY_sp|Q0657-	Pyrophosphate-energ	61.80	0.00
TRINITY_sp|P197(MIB	Myosin heavy chain	61.80	0.00
TRINITY_sp|Q9SUNATR2	NADPH--cytochrome P	61.80	0.00
TRINITY_sp|Q92Mfc1pB	Chaperone protein C	61.80	0.00
TRINITY_sp|Q0597RAB1A	Ras-related protein	61.80	0.00
TRINITY_sp|Q0594UTP13	U3 small nucleolar	61.80	0.00
TRINITY_sp|O7477mis3	KRR1 small subunit	61.80	0.00
TRINITY_sp|O4995GDCSP	Glycine dehydrogena	61.80	0.00
TRINITY_sp|P2004ATP2B1	Plasma membrane cal	61.80	0.00
TRINITY_sp|Q3ZBMASPN	Asporin OS=Bos taur	61.80	0.00
TRINITY_sp|P5423PGIC1	Glucose-6-phosphate	61.70	0.00
TRINITY_sp|Q8R32Rfc3	Replication factor	61.70	0.00
TRINITY_sp|Q92J(fdxB	2Fe-2S ferredoxin O	61.70	0.00
TRINITY_sp|Q6NS2cdk11	Threonylcarbamoylad	61.70	0.00
TRINITY_sp|Q56X(RH15	DEAD-box ATP-depend	61.70	0.00
TRINITY_sp|Q6TB\CYP97C1	Carotene epsilon-mo	61.70	0.00
TRINITY_sp|Q9LJIM3KE1	MAP3K epsilon prote	61.70	0.00
TRINITY_sp|Q9C9(RPL6C	60S ribosomal prote	61.70	0.00
TRINITY_sp|P6004RPL7B	60S ribosomal prote	61.70	0.00
TRINITY_sp|Q3UT(Cdk15	Cyclin-dependent ki	61.70	0.00
TRINITY_sp|Q9BW6CCDC94	Coiled-coil domain-	61.70	0.00
TRINITY_sp|Q45E7-	Serine/threonine-pr	61.70	0.00
TRINITY_sp|Q6YUOs02g015	Putative multidrug	61.70	0.00
TRINITY_sp|Q54DIamdA	AMP deaminase OS=Di	61.70	0.00
TRINITY_sp|Q9C5(At4g1783	Acetylornithine dea	61.70	0.00
TRINITY_sp|O6007ubp12	Probable ubiquitin	61.70	0.00
TRINITY_sp|O7477mis3	KRR1 small subunit	61.70	0.00
TRINITY_sp|Q9AXE0s01g062	Uroporphyrinogen de	61.70	0.00
TRINITY_sp|Q0021DHS2	Phospho-2-dehydro-3	61.70	0.00
TRINITY_sp|Q9M1FAt3g6212	Proline--tRNA ligas	61.70	0.00
TRINITY_sp|F4KE(EMB2247	Valine--tRNA ligase	61.70	0.00
TRINITY_sp|Q4285WAXY	Granule-bound starc	61.70	0.00
TRINITY_sp|Q4V8FSteap4	Metalloreductase ST	61.60	0.00
TRINITY_sp|Q9BGJPRDX2	Peroxioredoxin-2 OS=	61.60	0.00
TRINITY_sp|O6555CIPK6	CBL-interacting ser	61.60	0.00
TRINITY_sp|P1095-	Actin, macronuclear	61.60	0.00
TRINITY_sp|P357(Prdx1	Peroxioredoxin-1 OS=	61.60	0.00
TRINITY_sp|P3472ARF	ADP-ribosylation fa	61.60	0.00
TRINITY_sp|Q86K\vals1	Probable valine--tR	61.60	0.00
TRINITY_sp|P1142-	Actin OS=Entamoeba	61.60	0.00
TRINITY_sp|Q9ZWMCAO	Chlorophyllide a ox	61.60	0.00
TRINITY_sp|Q6YZ2Os08g015	Putative aconitate	61.60	0
TRINITY_sp|P0DJ1RPL13A	60S ribosomal prote	61.60	0.00
TRINITY_sp|Q54P1abcC8	ABC transporter C f	61.60	0.00
TRINITY_sp|P4041-	T-complex protein 1	61.60	0.00
TRINITY_sp|Q9UL2RAB21	Ras-related protein	61.60	0.00
TRINITY_sp|Q9KN\trps	Tryptophan--tRNA li	61.60	0.00

TRINITY_sp|Q75INOs05g012	Isovaleryl-CoA dehy	61.60	0.00
TRINITY_sp|Q0396L1818	Chlorophyll a-b bin	61.60	0.00
TRINITY_sp|O0757yhdF	Uncharacterized oxi	61.60	0.00
TRINITY_sp|F4JLMA4g1032	Isoleucine--tRNA li	61.60	0
TRINITY_sp|O2436PAG1	Proteasome subunit	61.60	0.00
TRINITY_sp|Q9SYIBRR2A	DExH-box ATP-depend	61.60	0.00
TRINITY_sp|O320(yokD	SPBc2 prophage-deri	61.60	0.00
TRINITY_sp|E9L77-	Bifunctional aspart	61.60	0.00
TRINITY_sp|Q54UCdnapkcs	DNA-dependent prote	61.60	0.00
TRINITY_sp|Q9XE7EMB2369	Leucine--tRNA ligas	61.60	0
TRINITY_sp|Q94AHOOP	Organellar oligopep	61.60	0.00
TRINITY_sp|Q6DJ5cars2	Probable cysteine--	61.50	0.00
TRINITY_sp|Q8NKGGLC3	1,4-alpha-glucan-br	61.50	0.00
TRINITY_sp|Q6NRMmcm9	DNA helicase MCM9 O	61.50	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	61.50	0.00
TRINITY_sp|P9054-	Histone H3 OS=Euplo	61.50	0.00
TRINITY_sp|Q28H(qtrt1	Queuine tRNA-ribosy	61.50	0.00
TRINITY_sp|Q9632ACX4	Acyl-coenzyme A oxi	61.50	0.00
TRINITY_sp|A7SBNvlg24415	Zinc finger CCCH-ty	61.50	0.00
TRINITY_sp|Q2HFHTIF1	ATP-dependent RNA h	61.50	0.00
TRINITY_sp|B8AL3OsI_110	Arginine biosynthes	61.50	0.00
TRINITY_sp|P1506rasG	Ras-like protein ra	61.50	0.00
TRINITY_sp|Q3957YPTC6	Ras-related protein	61.50	0.00
TRINITY_sp|P3018TOP2	DNA topoisomerase 2	61.50	0.00
TRINITY_sp|Q99MKars	Lysine--tRNA ligase	61.50	0.00
TRINITY_sp|P6295RAC1	Ras-related C3 botu	61.50	0.00
TRINITY_sp|Q9FE6Os03g056	Elongation factor G	61.50	0.00
TRINITY_sp|O2204ANP1	Mitogen-activated p	61.50	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	61.50	0.00
TRINITY_sp|Q9FN6BRR2C	DExH-box ATP-depend	61.50	0
TRINITY_sp|P3328RPS28	40S ribosomal prote	61.50	0.00
TRINITY_sp|Q2223enpl-1	Endoplasmin homolog	61.40	0.00
TRINITY_sp|A9NKI-	Mitotic-spindle org	61.40	0.00
TRINITY_sp|F4K2FCUV	Pre-mRNA-splicing f	61.40	0.00
TRINITY_sp|Q9SL3Os05g015	Importin subunit al	61.40	0.00
TRINITY_sp|P6295HINT1	Histidine triad nuc	61.40	0.00
TRINITY_sp|Q4255thrc	Threonine synthase	61.40	0.00
TRINITY_sp|Q55AfvatF	V-type proton ATPas	61.40	0.00
TRINITY_sp|P320(SLC25A6	ADP/ATP translocase	61.40	0.00
TRINITY_sp|Q8T21sepA	Serine/threonine-pr	61.40	0.00
TRINITY_sp|Q55BVhdaB	Histone deacetylase	61.40	0.00
TRINITY_sp|Q6CQFTAR1-A	Protein TAR1 OS=Klu	61.40	0.00
TRINITY_sp|Q9SW1PUB35	U-box domain-contai	61.40	0.00
TRINITY_sp|P3568RPL7A-1	60S ribosomal prote	61.40	0.00
TRINITY_sp|O243(TOP2	DNA topoisomerase 2	61.40	0.00
TRINITY_sp|Q6T48rbrA	Probable E3 ubiquit	61.40	0.00
TRINITY_sp|P1261T-cp1	T-complex protein 1	61.40	0.00
TRINITY_sp|P4373dnaJ	Chaperone protein D	61.40	0.00

TRINITY_sp|Q0755Gyc32E	Guanylate cyclase 3	61.40	0.00
TRINITY_sp|Q6I53CDKC-1	Cyclin-dependent ki	61.40	0.00
TRINITY_sp|Q7XP0Os04g066	Kinesin-like calmod	61.40	0.00
TRINITY_sp|Q9LR3GGAT1	Glutamate--glyoxyla	61.40	0.00
TRINITY_sp|Q9M4CPGM1	Phosphoglucomutase,	61.40	0.00
TRINITY_sp|Q8T13kif5	Kinesin-related pro	61.40	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	61.40	0.00
TRINITY_sp|P2773TR	Transthyretin OS=Ga	61.30	0.00
TRINITY_sp|Q1313PRKAA1	5'-AMP-activated pr	61.30	0.00
TRINITY_sp|Q54P4ppa1	Inorganic pyrophosp	61.30	0.00
TRINITY_sp|Q9DAIPacrg	Parkin coregulated	61.30	0.00
TRINITY_sp|Q9C8IEMB3003	Dihydrolipoyllysine	61.30	0.00
TRINITY_sp|Q949CGLY1	Glycerol-3-phosphat	61.30	0.00
TRINITY_sp|Q5ZK3SPAST	Spastin OS=Gallus g	61.30	0.00
TRINITY_sp|O489CMDH	Malate dehydrogenas	61.30	0.00
TRINITY_sp|P2748GRP-2	Glycine-rich protei	61.30	0.00
TRINITY_sp|Q9WU8DPM1	Dolichol-phosphate	61.30	0.00
TRINITY_sp|O7438SPBC3H7	Uncharacterized met	61.30	0.00
TRINITY_sp|B1XJFprfA	Peptide chain relea	61.30	0.00
TRINITY_sp|B0G12pip5k3	1-phosphatidylinosi	61.30	0.00
TRINITY_sp|Q8W2IASAT4	Serine acetyltransf	61.30	0.00
TRINITY_sp|P6781SEC11A	Signal peptidase co	61.30	0.00
TRINITY_sp|B3VMCBADH2	Betaine aldehyde de	61.30	0.00
TRINITY_sp|Q6DCIseLenbp1	Selenium-binding pr	61.30	0.00
TRINITY_sp|P4846CNAG_004	Actin OS=Cryptococc	61.30	0.00
TRINITY_sp|Q8W11SMU1	Suppressor of mec-8	61.20	0.00
TRINITY_sp|O4293sec27	Probable coatomer s	61.20	0.00
TRINITY_sp|Q9W4Erg	Neurobeachin OS=Dro	61.20	0.00
TRINITY_sp|P5088RPL12A	60S ribosomal prote	61.20	0.00
TRINITY_sp|Q9HEH2E4.130	Regulator of nonsen	61.20	0.00
TRINITY_sp|Q8IX2ZC3H3	Zinc finger CCCH do	61.20	0.00
TRINITY_sp|Q9D83Dnajb4	DnaJ homolog subfam	61.20	0.00
TRINITY_sp|O8203HPA	Histidinol-phosphat	61.20	0.00
TRINITY_sp|Q24JTP4H5	Prolyl 4-hydroxylas	61.20	0.00
TRINITY_sp|A7YWIHAL	Histidine ammonia-l	61.20	0.00
TRINITY_sp|Q9SB3PDK	[Pyruvate dehydroge	61.20	0.00
TRINITY_sp|Q8C5MCwc22	Pre-mRNA-splicing f	61.20	0.00
TRINITY_sp|P3234PPH3	Serine/threonine-pr	61.20	0.00
TRINITY_sp|Q75G7CLPB2	Chaperone protein C	61.20	0.00
TRINITY_sp|B0C62prfC	Peptide chain relea	61.20	0.00
TRINITY_sp|Q6238Atm	Serine-protein kina	61.20	0.00
TRINITY_sp|Q9SL7At2g2005	Protein phosphatase	61.20	0.00
TRINITY_sp|B8AZ3MCM6	DNA replication lic	61.20	0.00
TRINITY_sp|F4IFCEMB2761	Threonine--tRNA lig	61.20	0.00
TRINITY_sp|Q6NYImak16	Protein MAK16 homol	61.10	0.00
TRINITY_sp|Q9TU2RAC2	Ras-related C3 botu	61.10	0.00
TRINITY_sp|Q8S43AAT1	Acetyl-CoA acetyltr	61.10	0.00
TRINITY_sp|Q9BR3WDR83	WD repeat domain-co	61.10	0.00
TRINITY_sp|Q8S96At2g3384	Tyrosine--tRNA liga	61.10	0.00
TRINITY_sp|P4646Vps4b	Vacuolar protein so	61.10	0.00
TRINITY_sp|Q55F1gabt	4-aminobutyrate ami	61.10	0.00
TRINITY_sp|A3KP3ndufaf5	Arginine-hydroxylas	61.10	0.00
TRINITY_sp|Q0297SLC25A11	Mitochondrial 2-oxo	61.10	0.00
TRINITY_sp|J9RY1DVR	Divinyl chlorophyll	61.10	0.00
TRINITY_sp|P5492IMP2	Inositol monophosph	61.10	0.00
TRINITY_sp|Q9UHFNDOR1	NADPH-dependent dif	61.10	0.00

TRINITY_sp|Q76P(DDB_G027	Probable serine/thr	61.10	0.00
TRINITY_sp|C1F38lipB	Octanoyltransferase	61.10	0.00
TRINITY_sp|P8295hamp	Hepcidin OS=Morone	61.10	0.00
TRINITY_sp|A0AU9wdsu1	WD repeat, SAM and	61.10	0.00
TRINITY_sp|P5503RPN10	26S proteasome non-	61.10	0.00
TRINITY_sp|Q9S72RPI3	Probable ribose-5-p	61.10	0.00
TRINITY_sp|Q1MT0nip7	60S ribosome subuni	61.10	0.00
TRINITY_sp|Q9Z20Mtm1	Myotubularin OS=Mus	61.10	0.00
TRINITY_sp|P4861FAD7	Omega-3 fatty acid	61.10	0.00
TRINITY_sp|Q7XZ0SAC1	Phosphoinositide ph	61.10	0.00
TRINITY_sp|P3279YME1	Mitochondrial inner	61.10	0.00
TRINITY_sp|Q6880GSH1-1	Glutamate--cysteine	61.10	0.00
TRINITY_sp|B8AP1MRS2-A	Magnesium transport	61.10	0.00
TRINITY_sp|Q54X1sec61a	Protein transport p	61.10	0.00
TRINITY_sp|Q9ZP3SDH1-2	Succinate dehydroge	61.10	0.00
TRINITY_sp|Q3880XPB1	DNA repair helicase	61.10	0.00
TRINITY_sp|P6317DYNLT1	Dynein light chain	61.10	0.00
TRINITY_sp|Q84M2ABCA1	ABC transporter A f	61.10	0.00
TRINITY_sp|P9745Bop1	Ribosome biogenesis	61.10	0.00
TRINITY_sp|O652(ACX1	Peroxisomal acyl-co	61.10	0.00
TRINITY_sp|Q9292SMARCC1	SWI/SNF complex sub	61.00	0.00
TRINITY_sp|Q1542SF3B4	Splicing factor 3B	61.00	0.00
TRINITY_sp|P5509Abcd3	ATP-binding cassett	61.00	0.00
TRINITY_sp|B9RA1RCOM_150	Probable aspartyl a	61.00	0.00
TRINITY_sp|Q0991has1	ATP-dependent RNA h	61.00	0.00
TRINITY_sp|P3184-	RNA-directed DNA po	61.00	0.00
TRINITY_sp|P4918Serpind1	Heparin cofactor 2	61.00	0.00
TRINITY_sp|Q7WG6fumC	Fumarate hydratase	61.00	0.00
TRINITY_sp|O6276TXNRD1	Thioredoxin reducta	61.00	0.00
TRINITY_sp|Q2QMUAH	Probable ureidoglyc	61.00	0.00
TRINITY_sp|P0446(-	Calmodulin OS=Triti	61.00	0.00
TRINITY_sp|Q8VYHSQE3	Squalene epoxidase	61.00	0.00
TRINITY_sp|P3642ILSA	Isoleucine--tRNA li	61.00	0.00
TRINITY_sp|E9Q9IRab12	Rab-like protein 2A	61.00	0.00
TRINITY_sp|Q9V971(2)0452	Probable methylcrot	61.00	0.00
TRINITY_sp|O2461MSH2	DNA mismatch repair	61.00	0.00
TRINITY_sp|Q93Y3MNS3	Mannosyl-oligosacch	61.00	0.00
TRINITY_sp|Q95K5NOP56	Nucleolar protein 5	61.00	0.00
TRINITY_sp|Q9UJ1DDX41	Probable ATP-depend	61.00	0.00
TRINITY_sp|A8N01GET3	ATPase GET3 OS=Copr	61.00	0.00
TRINITY_sp|Q9C91CDKD-1	Cyclin-dependent ki	61.00	0.00
TRINITY_sp|P5857chlI	Magnesium-chelatase	61.00	0.00
TRINITY_sp|Q2NK1DPY30	Protein dpy-30 homo	61.00	0.00
TRINITY_sp|P1474-	Alpha-galactosidase	60.90	0.00
TRINITY_sp|Q4P80DPH3	Diphthamide biosynt	60.90	0.00
TRINITY_sp|P2480TSJT1	Stem-specific prote	60.90	0.00
TRINITY_sp|Q0E21UVR3	(6-4)DNA photolyase	60.90	0.00
TRINITY_sp|Q0976pim1	Lon protease homolo	60.90	0.00
TRINITY_sp|Q9UK4LSM7	U6 snRNA-associated	60.90	0.00
TRINITY_sp|Q9ST4PH1	Pleckstrin homology	60.90	0.00
TRINITY_sp|A4IF6POLR3A	DNA-directed RNA po	60.90	0.00
TRINITY_sp|Q4252TSA1	Tryptophan synthase	60.90	0.00
TRINITY_sp|Q56Y8MAP2B	Methionine aminopep	60.90	0.00
TRINITY_sp|Q2T9FNIT2	Omega-amidase NIT2	60.90	0.00
TRINITY_sp|Q9SL1DGAT1	Diacylglycerol O-ac	60.90	0.00
TRINITY_sp|Q9FI1At5g4772	Probable acetyl-CoA	60.90	0.00

TRINITY_sp|Q9SN5UGE5	UDP-glucose 4-epime	60.90	0.00
TRINITY_sp|Q9C5MDTC	Mitochondrial dicar	60.90	0.00
TRINITY_sp|Q9SJ2RNR1	Ribonucleoside-diph	60.90	0.00
TRINITY_sp|Q6P5IhSDL2	Hydroxysteroid dehy	60.90	0.00
TRINITY_sp|Q2XQ1IFT57	Intraflagellar tran	60.90	0.00
TRINITY_sp|Q2KI1DNAJB4	DnaJ homolog subfam	60.90	0.00
TRINITY_sp|Q9M88CCT6A	T-complex protein 1	60.90	0.00
TRINITY_sp|Q4341LCY1	Lycopene beta cycla	60.90	0.00
TRINITY_sp|P2124CPN60B1	Chaperonin 60 subun	60.90	0.00
TRINITY_sp|O813CPAP11	Probable plastid-li	60.90	0.00
TRINITY_sp|P2269CELA	Endoglucanase OS=Di	60.90	0.00
TRINITY_sp|O8198-	Serine--tRNA ligase	60.90	0.00
TRINITY_sp|Q54J2NOP10	H/ACA ribonucleopro	60.90	0.00
TRINITY_sp|P0743BETA	Tubulin beta-1 chai	60.80	0.00
TRINITY_sp|Q9SJIHIPP05	Heavy metal-associa	60.80	0.00
TRINITY_sp|O8051CYCU4-1	Cyclin-U4-1 OS=Arab	60.80	0.00
TRINITY_sp|Q54NIgtf2a2	Transcription initi	60.80	0.00
TRINITY_sp|P4098HUS5	SUMO-conjugating en	60.80	0.00
TRINITY_sp|Q557Ecb1A-1	E3 ubiquitin-protei	60.80	0.00
TRINITY_sp|O0266PP63-2	Phosphoglucomutase-	60.80	0.00
TRINITY_sp|P3421TAL1	Transaldolase OS=Kl	60.80	0.00
TRINITY_sp|A7SG7QPRT	Nicotinate-nucleoti	60.80	0.00
TRINITY_sp|A1A41U2AF1	Splicing factor U2A	60.80	0.00
TRINITY_sp|Q6CQ1TAR1-A	Protein TAR1 OS=Klu	60.80	0.00
TRINITY_sp|P0257-	Actin-1 OS=Acantham	60.80	0.00
TRINITY_sp|P3283PPG1	Serine/threonine-pr	60.80	0.00
TRINITY_sp|Q6PFVPPPIP5K1	Inositol hexakispho	60.80	0.00
TRINITY_sp|Q9SB5AP4M	AP-4 complex subuni	60.80	0.00
TRINITY_sp|A7RR1FEN1	Flap endonuclease 1	60.80	0.00
TRINITY_sp|M1V41FAP73	Cilia- and flagella	60.80	0.00
TRINITY_sp|Q54J1HSPA	60 kDa heat shock p	60.80	0.00
TRINITY_sp|B4GZ1Sgf11	SAGA-associated fac	60.80	0.00
TRINITY_sp|P2182-	Triosephosphate iso	60.80	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	60.80	0.00
TRINITY_sp|Q9SR1HIR3	Hypersensitive-indu	60.80	0.00
TRINITY_sp|Q6AX1Sf3a2	Splicing factor 3A	60.80	0.00
TRINITY_sp|Q55E1rab32B	Ras-related protein	60.80	0.00
TRINITY_sp|Q4359-	Stearoyl-[acyl-carr	60.80	0.00
TRINITY_sp|H3JU1SGT1	Peptidyl serine alp	60.80	0.00
TRINITY_sp|Q28E1ub1cp1	Ubiquitin-like doma	60.80	0.00
TRINITY_sp|Q7S81pim1	Lon protease homolo	60.80	0.00
TRINITY_sp|P5435DOD	Putative peptidyl-p	60.70	0.00
TRINITY_sp|Q7SA1msp-41	Pre-mRNA-splicing f	60.70	0.00
TRINITY_sp|Q9LX1CAL53	Callose synthase 3	60.70	0.00
TRINITY_sp|P0044SOD1	Superoxide dismutas	60.70	0.00
TRINITY_sp|P1761ryh1	GTP-binding protein	60.70	0.00
TRINITY_sp|Q9SB5AP4M	AP-4 complex subuni	60.70	0.00
TRINITY_sp|Q8TFM-	60S acidic ribosoma	60.70	0.00
TRINITY_sp|Q9WV1Mok	MAPK/MAK/MRK overla	60.70	0.00
TRINITY_sp|Q9FL1HAM1	Histone acetyltrans	60.70	0.00
TRINITY_sp|O4236APOEB	Apolipoprotein Eb O	60.70	0.00
TRINITY_sp|Q6B41GLN1	Glutamine synthetas	60.70	0.00
TRINITY_sp|P5344CTN	Caltractin OS=Naegl	60.70	0.00
TRINITY_sp|Q8R51Mutyh	Adenine DNA glycosy	60.70	0.00
TRINITY_sp|Q19A1F2	Prothrombin OS=Sus	60.70	0.00
TRINITY_sp|Q7XJ1FAAH	Fatty acid amide hy	60.70	0.00

TRINITY_sp|Q8LDFCYP23	Peptidyl-prolyl cis	60.70	0.00
TRINITY_sp|Q8N1HLRRC75A-	Putative uncharacte	60.70	0.00
TRINITY_sp|Q9038-	Peroxiredoxin OS=Cy	60.70	0.00
TRINITY_sp|Q8CXIdnaJ	Chaperone protein D	60.70	0.00
TRINITY_sp|Q9LRFPOLD1	DNA polymerase delt	60.70	0
TRINITY_sp|Q9SA1AKHSDH1	Bifunctional aspart	60.70	0.00
TRINITY_sp|P4233At1g6049	Phosphatidylinosito	60.70	0.00
TRINITY_sp|Q94AFCUL1	Cullin-1 OS=Arabido	60.70	0.00
TRINITY_sp|Q9SIIACO2	Aconitate hydratase	60.60	0.00
TRINITY_sp|Q54NVoplah	5-oxoprolinase OS=D	60.60	0.00
TRINITY_sp|Q0829RD22	BURP domain protein	60.60	0.00
TRINITY_sp|Q86B(rlp24	Probable ribosome b	60.60	0.00
TRINITY_sp|Q9WV9Mok	MAPK/MAK/MRK overla	60.60	0.00
TRINITY_sp|P4837FK506-bx12	kDa FK506-bindin	60.60	0.00
TRINITY_sp|P2532mlkA	Myosin light chain	60.60	0.00
TRINITY_sp|P0CG7ubq-1	Polyubiquitin-A OS=	60.60	0.00
TRINITY_sp|Q5559glgB	1,4-alpha-glucan-br	60.60	0.00
TRINITY_sp|O9431SPBC215	UPF0743 protein C21	60.60	0.00
TRINITY_sp|Q9M19ABC21	ABC transporter B f	60.60	0.00
TRINITY_sp|Q54N2culC	Cullin-3 OS=Dictyos	60.60	0.00
TRINITY_sp|Q0WQ9AGD15	Probable ADP-ribosy	60.60	0.00
TRINITY_sp|Q3Y81DAW1	Dynein assembly fac	60.60	0.00
TRINITY_sp|P2317ABC24	Phosphatidylcholine	60.60	0.00
TRINITY_sp|Q9C69DCP5	Protein decapping 5	60.60	0.00
TRINITY_sp|P5628tif211	Eukaryotic translat	60.60	0.00
TRINITY_sp|P5128ycf45	Uncharacterized pro	60.60	0.00
TRINITY_sp|Q55E9gfm1	Elongation factor G	60.60	0.00
TRINITY_sp|P496(-	Aconitate hydratase	60.60	0.00
TRINITY_sp|Q5D01rbm8a	RNA-binding protein	60.60	0.00
TRINITY_sp|Q9HEH2E4.130	Regulator of nonsen	60.60	0.00
TRINITY_sp|Q9ZU1At1g6007	AP-1 complex subuni	60.60	0.00
TRINITY_sp|Q8GWWAIH	Agmatine deiminase	60.60	0.00
TRINITY_sp|Q94CFEHD1	EH domain-containin	60.60	0.00
TRINITY_sp|Q9LZ9At3g6231	Probable pre-mRNA-s	60.60	0.00
TRINITY_sp|Q9D69Tubel	Tubulin epsilon cha	60.60	0.00
TRINITY_sp|Q9CA1CKL2	Casein kinase 1-lik	60.50	0.00
TRINITY_sp|Q54F(metK	S-adenosylmethionin	60.50	0.00
TRINITY_sp|Q9Y38RBMX2	RNA-binding motif p	60.50	0.00
TRINITY_sp|Q9QY9Abcb11	Bile salt export pu	60.50	0.00
TRINITY_sp|P5362COPG1	Coatomer subunit ga	60.50	0.00
TRINITY_sp|Q8LA9SFGH	S-formylglutathione	60.50	0.00
TRINITY_sp|Q6DW7DGD1	Digalactosyldiacylg	60.50	0.00
TRINITY_sp|Q94JVAt1g5429	Protein translation	60.50	0.00
TRINITY_sp|B9DGIACS	Acetyl-coenzyme A s	60.50	0.00
TRINITY_sp|Q54H1prmt2	Protein arginine N-	60.50	0.00
TRINITY_sp|Q5XH9ppip5k2	Inositol hexakispho	60.50	0.00
TRINITY_sp|Q9SA2RH36	DEAD-box ATP-depend	60.50	0.00
TRINITY_sp|Q9C77RPN8B	26S proteasome non-	60.50	0.00
TRINITY_sp|Q9LTFNMT1	Glycylpeptide N-tet	60.50	0.00
TRINITY_sp|Q9SM9DHC1B	Cytoplasmic dynein	60.50	0
TRINITY_sp|Q6UB9RSP2	Flagellar radial sp	60.50	0.00
TRINITY_sp|Q9FL9At5g5507	Dihydrolipoyllysine	60.50	0.00
TRINITY_sp|A4IR9dnaJ	Chaperone protein D	60.40	0.00
TRINITY_sp|Q9LSVETFB	Electron transfer f	60.40	0.00
TRINITY_sp|Q6QNM-	Casein kinase I OS=	60.40	0.00
TRINITY_sp|O6499NDPK2	Nucleoside diphosph	60.40	0.00

TRINITY_sp|Q5UP2MIMI_R2	DnaJ-like protein R	60.40	0.00
TRINITY_sp|Q9164aad-a	Alpha-aspartyl dipe	60.40	0.00
TRINITY_sp|B0BNEsd	S-formylglutathione	60.40	0.00
TRINITY_sp|Q9417Os01g084	Probable mannose-1-	60.40	0.00
TRINITY_sp|Q93W5BP2	Selenium-binding pr	60.40	0.00
TRINITY_sp|O1423mtr4	ATP-dependent RNA h	60.40	0.00
TRINITY_sp|Q93X1CPA	N-carbamoylputresci	60.40	0.00
TRINITY_sp|Q3923TOUSLED	Serine/threonine-pr	60.40	0.00
TRINITY_sp|O8241At3g4610	(Histidine--tRNA lig	60.40	0.00
TRINITY_sp|O4890CMDH	Malate dehydrogenas	60.40	0.00
TRINITY_sp|O2325SHM4	Serine hydroxymethy	60.40	0.00
TRINITY_sp|Q6111(Abcb7	ATP-binding cassett	60.40	0.00
TRINITY_sp|Q9SC1DHS1	Deoxyhypusine synth	60.40	0.00
TRINITY_sp|Q9SF4RPL4A	60S ribosomal prote	60.40	0.00
TRINITY_sp|B6D51Dnaaf1	Dynein assembly fac	60.40	0.00
TRINITY_sp|Q5K51Os07g064	DEAD-box ATP-depend	60.40	0.00
TRINITY_sp|Q9SR7FKBP16-4	Peptidyl-prolyl cis	60.40	0.00
TRINITY_sp|Q9FIIRPS8B	40S ribosomal prote	60.40	0.00
TRINITY_sp|P0731ACYP1	Acylphosphatase-1 O	60.30	0.00
TRINITY_sp|P1261MLYCD	Malonyl-CoA decarbo	60.30	0.00
TRINITY_sp|P4232CNB1	Calcineurin subunit	60.30	0.00
TRINITY_sp|Q9SL7TCX6	Protein tesmin/TSO1	60.30	0.00
TRINITY_sp|Q0MQ1NDUFS6	NADH dehydrogenase	60.30	0.00
TRINITY_sp|Q9CW6Dph5	Diphthine methyl es	60.30	0.00
TRINITY_sp|Q97Y4msrA	Peptide methionine	60.30	0.00
TRINITY_sp|Q9FW6HAC12	Histone acetyltrans	60.30	0.00
TRINITY_sp|P5156AFC2	Serine/threonine-pr	60.30	0.00
TRINITY_sp|Q5X44purC	Phosphoribosylamino	60.30	0.00
TRINITY_sp|Q3BA1-	Uncharacterized pro	60.30	0.00
TRINITY_sp|Q9FL7NLE1	Notchless protein h	60.30	0.00
TRINITY_sp|P3489-	Serine hydroxymethy	60.30	0.00
TRINITY_sp|Q5UP2MIMI_R2	DnaJ-like protein R	60.30	0.00
TRINITY_sp|P4964MAN2A2	Alpha-mannosidase 2	60.30	0.00
TRINITY_sp|Q6L49DBB1	DNA damage-binding	60.30	0.00
TRINITY_sp|F4I90GLYR2	Glyoxylate/succinic	60.30	0.00
TRINITY_sp|Q9Y77tor2	Serine/threonine-pr	60.30	0.00
TRINITY_sp|P3527Rab6a	Ras-related protein	60.30	0.00
TRINITY_sp|Q71UMRPS27L	40S ribosomal prote	60.30	0.00
TRINITY_sp|P0565sacC	Levanase OS=Bacillu	60.30	0.00
TRINITY_sp|Q9SP0RRP41	Exosome complex com	60.30	0.00
TRINITY_sp|Q7KQ1PF10_008	Tubulin beta chain	60.30	0.00
TRINITY_sp|P1147PSBP	Oxygen-evolving enh	60.30	0.00
TRINITY_sp|Q54Q6erkB	Extracellular signa	60.30	0.00
TRINITY_sp|P4936CCT3	T-complex protein 1	60.30	0.00
TRINITY_sp|Q9656ADH2	Alcohol dehydrogena	60.30	0.00
TRINITY_sp|Q54K1gcvP	Glycine dehydrogena	60.30	0
TRINITY_sp|Q9MA9ERCC1	DNA excision repair	60.30	0.00
TRINITY_sp|B0R01chd8	Chromodomain-helica	60.30	0.00
TRINITY_sp|Q9M81At1g7426	Probable phosphorib	60.20	0.00
TRINITY_sp|P2177rps-26	40S ribosomal prote	60.20	0.00
TRINITY_sp|P9536mls	Malate synthase OS=	60.20	0.00
TRINITY_sp|P4627-	Fructose-1,6-bispho	60.20	0.00
TRINITY_sp|P0DJ1RPL18	60S ribosomal prote	60.20	0.00
TRINITY_sp|P3141AVP1	Pyrophosphate-energ	60.20	0.00
TRINITY_sp|Q95U0Rab7a	Ras-related protein	60.20	0.00
TRINITY_sp|A7HW7recA	Protein RecA OS=Par	60.20	0.00

TRINITY_sp|Q8VX2AGAL3	Alpha-galactosidase	60.20	0.00
TRINITY_sp|Q167(MAN2A1	Alpha-mannosidase 2	60.20	0.00
TRINITY_sp|Q1007SPAC3H1	Glutathione gamma-g	60.20	0.00
TRINITY_sp|Q9ZQVU2AF35A	Splicing factor U2a	60.20	0.00
TRINITY_sp|Q86I1dst1	Serine/threonine-pr	60.20	0.00
TRINITY_sp|Q6DF5chmp2a	Charged multivesicu	60.20	0.00
TRINITY_sp|Q54XMetfdh	Electron transfer f	60.20	0.00
TRINITY_sp|Q54MfhkD	Probable serine/thr	60.20	0.00
TRINITY_sp|Q9SRECOG0212	5-formyltetrahydrof	60.20	0.00
TRINITY_sp|Q69T1PRXIEE-1	Peroxiredoxin-2E-1,	60.20	0.00
TRINITY_sp|P3684NITA	Nitrate reductase [	60.20	0
TRINITY_sp|P0C02NUDT24	Nudix hydrolase 24,	60.20	0.00
TRINITY_sp|Q425(ASB1	Anthranilate syntha	60.20	0.00
TRINITY_sp|Q8LGF CUL4	Cullin-4 OS=Arabido	60.20	0.00
TRINITY_sp|O222(CYT1	Mannose-1-phosphate	60.20	0.00
TRINITY_sp|Q5687gmd	GDP-mannose 4,6-deh	60.20	0.00
TRINITY_sp|Q54V7ctps	CTP synthase OS=Dic	60.20	0.00
TRINITY_sp|P940(HAL3B	Probable phosphopan	60.20	0.00
TRINITY_sp|Q8H11PGRL1A	PGR5-like protein 1	60.20	0.00
TRINITY_sp|Q54P9mtr	Methionine synthase	60.20	0
TRINITY_sp|Q6AV7PPDK1	Pyruvate, phosphate	60.20	0.00
TRINITY_sp|Q8H0\ABCF3	ABC transporter F f	60.20	0.00
TRINITY_sp|Q9655SAMDC	S-adenosylmethionin	60.20	0.00
TRINITY_sp|O9662arcC	Actin-related prote	60.10	0.00
TRINITY_sp|Q93V6At3g0269	WAT1-related protei	60.10	0.00
TRINITY_sp|Q8W4FRH30	DEAD-box ATP-depend	60.10	0.00
TRINITY_sp|P4816rp127a	60S ribosomal prote	60.10	0.00
TRINITY_sp|O8176At4g3179	Probable diphthine	60.10	0.00
TRINITY_sp|Q6S0(kif6	Kinesin-related pro	60.10	0.00
TRINITY_sp|Q95Yfcdk8	Probable cyclin-dep	60.10	0.00
TRINITY_sp|P0DJ1RPL17	60S ribosomal prote	60.10	0.00
TRINITY_sp|Q86A\gltA	Citrate synthase OS	60.10	0.00
TRINITY_sp|Q3Y8IDAW1	Dynein assembly fac	60.10	0.00
TRINITY_sp|Q9625GDI1	Guanosine nucleotid	60.10	0.00
TRINITY_sp|Q4297Os12g063	Malate dehydrogenas	60.10	0.00
TRINITY_sp|P1788crn	Protein crooked nec	60.10	0.00
TRINITY_sp|Q2YDMARL1	ADP-ribosylation fa	60.10	0.00
TRINITY_sp|P1778FBA1	Fructose-bisphospha	60.10	0.00
TRINITY_sp|A8IEFPRMT1	Protein arginine N-	60.10	0.00
TRINITY_sp|Q5LAFhisS	Histidine--tRNA lig	60.00	0.00
TRINITY_sp|Q8L77AGD11	Probable ADP-ribosy	60.00	0.00
TRINITY_sp|P1761ypt3	GTP-binding protein	60.00	0.00
TRINITY_sp|B8AEFMCM5	DNA replication lic	60.00	0.00
TRINITY_sp|Q2173rskn-1	Putative ribosomal	60.00	0.00
TRINITY_sp|Q54JcpurL	Phosphoribosylformy	60.00	0.00
TRINITY_sp|P366(rad8	DNA repair protein	60.00	0.00
TRINITY_sp|Q9VH1CG11985	Probable splicing f	60.00	0.00
TRINITY_sp|Q93V6GIF3	GRF1-interacting fa	60.00	0.00
TRINITY_sp|Q6ERV CAD8B	Probable cinnamyl a	60.00	0.00
TRINITY_sp|Q8T6(arsA	ATPase ASNA1 homolo	60.00	0.00
TRINITY_sp|Q4QQVAdhfe1	Hydroxyacid-oxoacid	60.00	0.00
TRINITY_sp|Q9VD\Ino80	Putative DNA helica	60.00	0.00
TRINITY_sp|Q9LH7At5g0606	Tropinone reductase	60.00	0.00
TRINITY_sp|Q29A\GA17800	Leishmanolysin-like	60.00	0.00
TRINITY_sp|Q9UE7FTSJ1	Putative tRNA (cyti	60.00	0.00
TRINITY_sp|Q84SIOs07g056	Zinc finger CCCH do	60.00	0.00

TRINITY_sp|O8036RPL4	50S ribosomal prote	60.00	0.00
TRINITY_sp|Q6C0CDPH3	Diphthamide biosynt	60.00	0.00
TRINITY_sp|Q8VXVENT1	Equilibrative nucle	60.00	0.00
TRINITY_sp|Q6BJ7PNO1	Pre-rRNA-processing	60.00	0.00
TRINITY_sp|Q0485Mak	Serine/threonine-pr	60.00	0.00
TRINITY_sp|P094(snrnp70	U1 small nuclear ri	60.00	0.00
TRINITY_sp|Q8VZCVPS25	Vacuolar protein so	60.00	0.00
TRINITY_sp|Q5BIMPIN1	Peptidyl-prolyl cis	60.00	0.00
TRINITY_sp|Q9M12MPK10	Mitogen-activated p	60.00	0.00
TRINITY_sp|Q8VZ(UXS1	UDP-glucuronic acid	60.00	0.00
TRINITY_sp|P2751-	Chlorophyll a-b bin	60.00	0.00
TRINITY_sp|P6019ELAC	Nuclear ribonucleas	60.00	0.00
TRINITY_sp|P2005pyr1-3	Protein PYR1-3 OS=D	60.00	0.00
TRINITY_sp|P5927RPS27AA	Ubiquitin-40S ribos	60.00	0.00
TRINITY_sp|Q9SZ4FAD4	Fatty acid desatura	60.00	0.00
TRINITY_sp|Q86IVDDB_G027	Uncharacterized pro	60.00	0.00
TRINITY_sp|Q7U6FdnaK1	Chaperone protein d	60.00	0.00
TRINITY_sp|O7055Srpk1	SRSF protein kinase	60.00	0.00
TRINITY_sp|Q2866ABCC2	Canalicular multisp	60.00	0.00
TRINITY_sp|P8087ydaD	General stress prot	60.00	0.00
TRINITY_sp|Q9LVMABC25	ABC transporter B f	60.00	0.00
TRINITY_sp|P1089PLCD1	1-phosphatidylinosi	60.00	0.00
TRINITY_sp|F4KEVFHIT	Bifunctional bis(5'	60.00	0.00
TRINITY_sp|Q5SPFchac1	Glutathione-specifi	60.00	0.00
TRINITY_sp|Q9SL(RAD50	DNA repair protein	60.00	0.00
TRINITY_sp|Q9QYIRdh11	Retinol dehydrogena	60.00	0.00
TRINITY_sp|Q9ZR2RH28	DEAD-box ATP-depend	60.00	0.00
TRINITY_sp|Q55Gdst2	Serine/threonine-pr	60.00	0.00
TRINITY_sp|F4ILIP4H13	Prolyl 4-hydroxylas	60.00	0.00
TRINITY_sp|Q9XT7PREP	Prolyl endopeptidas	60.00	0.00
TRINITY_sp|Q2FK4pflB	Formate acetyltrans	60.00	0.00
TRINITY_sp|Q7ZZ7ran	GTP-binding nuclear	60.00	0.00
TRINITY_sp|Q9NP1NMRK2	Nicotinamide ribosi	60.00	0.00
TRINITY_sp|Q0MXICSE4	Histone H3-like cen	60.00	0.00
TRINITY_sp|Q0045TPRP-F1	36.4 kDa proline-ri	60.00	0.00
TRINITY_sp|Q8CEIRdh13	Retinol dehydrogena	60.00	0.00
TRINITY_sp|Q8697pakF	Serine/threonine-pr	59.90	0.00
TRINITY_sp|Q54YVpolr2h	DNA-directed RNA po	59.90	0.00
TRINITY_sp|O6504ECR1	NEDD8-activating en	59.90	0.00
TRINITY_sp|Q9FFFCKL7	Casein kinase 1-lik	59.90	0.00
TRINITY_sp|P5242PUR5	Phosphoribosylformy	59.90	0.00
TRINITY_sp|O598(SPCC550	Putative ATP-depend	59.90	0.00
TRINITY_sp|O4992ADK	Adenosine kinase OS	59.90	0.00
TRINITY_sp|Q8K22Nat10	RNA cytidine acetyl	59.90	0.00
TRINITY_sp|Q9LU8PAP4	Probable plastid-li	59.90	0.00
TRINITY_sp|Q96K(CARL5B	ADP-ribosylation fa	59.90	0.00
TRINITY_sp|Q9HCMGPN1	GPN-loop GTPase 1 O	59.90	0.00
TRINITY_sp|Q54H4drkA	Probable serine/thr	59.90	0.00
TRINITY_sp|Q3925SKP1A	SKP1-like protein 1	59.90	0.00
TRINITY_sp|O8174BETAC-AI	Beta-adaptin-like p	59.90	0.00
TRINITY_sp|P3229ARG2	Indole-3-acetic aci	59.80	0.00
TRINITY_sp|P1363Cp	Ceruloplasmin OS=Ra	59.80	0.00
TRINITY_sp|Q54Qmurm1	Ubiquitin-related m	59.80	0.00
TRINITY_sp|Q53N7MPK15	Mitogen-activated p	59.80	0.00
TRINITY_sp|Q6IV7UBA5	Ubiquitin-like modi	59.80	0.00
TRINITY_sp|Q2GHFrplT	50S ribosomal prote	59.80	0.00

TRINITY_sp|Q9JI1Stk3	Serine/threonine-pr	59.80	0.00
TRINITY_sp|P8726RPL34A	60S ribosomal prote	59.80	0.00
TRINITY_sp|Q8VYJLSM8	Sm-like protein LSM	59.80	0.00
TRINITY_sp|Q9MB5FKFBP	6-phosphofructo-2-k	59.80	0.00
TRINITY_sp|Q2TACKIF19	Kinesin-like protei	59.80	0.00
TRINITY_sp|P5831ltaE	Low specificity L-t	59.80	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	59.80	0.00
TRINITY_sp|A2YGIUSP	UDP-sugar pyrophosp	59.70	0.00
TRINITY_sp|P2177rps-26	40S ribosomal prote	59.70	0.00
TRINITY_sp|O1505SYNJ2	Synaptojanin-2 OS=H	59.70	0.00
TRINITY_sp|Q9TU2RAC2	Ras-related C3 botu	59.70	0.00
TRINITY_sp|Q9H55DHX35	Probable ATP-depend	59.70	0.00
TRINITY_sp|Q9LXIHAM2	Histone acetyltrans	59.70	0.00
TRINITY_sp|P1275RSP3	Flagellar radial sp	59.70	0.00
TRINITY_sp|Q9400ZTP29	Zinc transporter ZT	59.70	0.00
TRINITY_sp|Q9ZU5PDSYN1	Spermidine synthase	59.70	0.00
TRINITY_sp|Q9AT0TGD3	Protein TRIGALACTOS	59.70	0.00
TRINITY_sp|P3725PSY1	Phytoene synthase,	59.70	0.00
TRINITY_sp|Q1JPIID2HGDH	D-2-hydroxyglutarat	59.70	0.00
TRINITY_sp|P4685KRP95	Kinesin-II 95 kDa s	59.70	0.00
TRINITY_sp|B9FMCIN13A	Kinesin-like protei	59.70	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	59.70	0.00
TRINITY_sp|Q9FICAt5g4784	Adenylate kinase 2,	59.70	0.00
TRINITY_sp|Q9FIHRPS8B	40S ribosomal prote	59.70	0.00
TRINITY_sp|P2315ABCB4	Phosphatidylcholine	59.70	0.00
TRINITY_sp|P1875pila	Fimbrial protein OS	59.60	0.00
TRINITY_sp|Q9SGCALA5	Probable phospholip	59.60	0.00
TRINITY_sp|Q54IICox17	Cytochrome c oxidas	59.60	0.00
TRINITY_sp|O822CAt2g1975	AP-4 complex subuni	59.60	0.00
TRINITY_sp|Q5R4VCPNE6	Copine-6 OS=Pongo a	59.60	0.00
TRINITY_sp|P8286fdxr	NADPH:adrenodoxin o	59.60	0.00
TRINITY_sp|Q8BY8Usp47	Ubiquitin carboxyl-	59.60	0.00
TRINITY_sp|Q54Gact10	Actin-10 OS=Dictyos	59.60	0.00
TRINITY_sp|Q75H5SAPK10	Serine/threonine-pr	59.60	0.00
TRINITY_sp|Q54Kncdh1	Anaphase-promoting	59.60	0.00
TRINITY_sp|Q9C75ATE2	Arginyl-tRNA--prote	59.60	0.00
TRINITY_sp|A2XFEPRR73	Two-component respo	59.60	0.00
TRINITY_sp|Q54Jlhal	Probable histidine	59.60	0.00
TRINITY_sp|P4658POL3	DNA polymerase delt	59.60	0.00
TRINITY_sp|Q54DIDDB_G025	Protein unc-50 homo	59.60	0.00
TRINITY_sp|B6TRIPYRD	Riboflavin biosynth	59.60	0.00
TRINITY_sp|Q54VJddx47	Probable ATP-depend	59.60	0.00
TRINITY_sp|Q8S25FTSH3	ATP-dependent zinc	59.60	0.00
TRINITY_sp|Q0394IM30	Membrane-associated	59.60	0.00
TRINITY_sp|P391CYCF1	Metal resistance pr	59.60	0.00
TRINITY_sp|Q9C9IKAS2	3-oxoacyl-[acyl-car	59.60	0.00
TRINITY_sp|Q9FT5RECQL3	ATP-dependent DNA h	59.60	0.00
TRINITY_sp|P3568RPS20	40S ribosomal prote	59.60	0.00
TRINITY_sp|P8031Cct6a	T-complex protein 1	59.60	0.00
TRINITY_sp|P1165ND1	NADH-ubiquinone oxi	59.60	0.00
TRINITY_sp|Q1456DHX8	ATP-dependent RNA h	59.60	0
TRINITY_sp|Q54XIDDB_G025	Probable serine/thr	59.60	0.00
TRINITY_sp|A8F15prfA	Peptide chain relea	59.50	0.00
TRINITY_sp|Q93Z5At4g1168	E3 ubiquitin-protei	59.50	0.00
TRINITY_sp|D4A5CHmgcl11	3-hydroxymethyl-3-m	59.50	0.00
TRINITY_sp|Q1PF5EDA2	Probable serine pro	59.50	0.00

TRINITY_sp|Q612Avha-2	V-type proton ATPas	59.50	0.00
TRINITY_sp|P2817pkgB	Protein kinase 2 OS	59.50	0.00
TRINITY_sp|Q9LGV\CIPK1	CBL-interacting pro	59.50	0.00
TRINITY_sp|Q76N2nubp2	Cytosolic Fe-S clus	59.50	0.00
TRINITY_sp|Q5RG6gnptab	N-acetylglucosamine	59.50	0.00
TRINITY_sp|Q3957YPTC6	Ras-related protein	59.50	0.00
TRINITY_sp|Q54C2gpn1	GPN-loop GTPase 1 O	59.50	0.00
TRINITY_sp|O8102HMGCL	Hydroxymethylglutar	59.50	0.00
TRINITY_sp|P3223Cbs	Cystathionine beta-	59.50	0.00
TRINITY_sp|P5523AGPS1	Glucose-1-phosphate	59.50	0.00
TRINITY_sp|O1544MPPED1	Metallophosphoester	59.50	0.00
TRINITY_sp|O8043MAK3	N-alpha-acetyltrans	59.50	0.00
TRINITY_sp|P4921RPS17	40S ribosomal prote	59.50	0.00
TRINITY_sp|P0DK6PGLP1A	Phosphoglycolate ph	59.50	0.00
TRINITY_sp|Q9SJ7SAE2	SUMO-activating enz	59.50	0.00
TRINITY_sp|Q8699odhB	Dihydrolipoyllysine	59.50	0.00
TRINITY_sp|Q9SMNR1	Malate dehydrogenas	59.50	0.00
TRINITY_sp|P0432pol	Retrovirus-related	59.50	0.00
TRINITY_sp|Q86B1anapc8	Anaphase-promoting	59.50	0.00
TRINITY_sp|P834(DDB_G027	Putative aldehyde d	59.50	0.00
TRINITY_sp|Q9SZ3HISN4	Imidazole glycerol	59.50	0.00
TRINITY_sp|F4K0EISPG	4-hydroxy-3-methylb	59.50	0.00
TRINITY_sp|Q6DH6setd7	Histone-lysine N-me	59.40	0.00
TRINITY_sp|O745(msh6	DNA mismatch repair	59.40	0.00
TRINITY_sp|P391(YCF1	Metal resistance pr	59.40	0.00
TRINITY_sp|Q84M2ABCA1	ABC transporter A f	59.40	0.00
TRINITY_sp|P0CM6ATG7	Ubiquitin-like modi	59.40	0.00
TRINITY_sp|Q0IIIGK	Glycerol kinase OS=	59.40	0.00
TRINITY_sp|P1689gpaA	Guanine nucleotide-	59.40	0.00
TRINITY_sp|A7Z01SMARCA4	Transcription activ	59.40	0.00
TRINITY_sp|Q9PT5urod	Uroporphyrinogen de	59.40	0.00
TRINITY_sp|Q9LVC\TOE2	AP2-like ethylene-r	59.40	0.00
TRINITY_sp|P834(DDB_G027	Putative aldehyde d	59.40	0.00
TRINITY_sp|P2333TK	Thymidine kinase OS	59.40	0.00
TRINITY_sp|O009(carfa	ADP-ribosylation fa	59.40	0.00
TRINITY_sp|P1059TXN	Thioredoxin OS=Homo	59.40	0.00
TRINITY_sp|O0754yheH	Probable multidrug	59.40	0.00
TRINITY_sp|Q2HJ4PRPF18	Pre-mRNA-splicing f	59.40	0.00
TRINITY_sp|Q4376-	Glutamate--tRNA lig	59.40	0.00
TRINITY_sp|P1556ade6	Phosphoribosylamino	59.40	0.00
TRINITY_sp|Q8H0VHDA9	Histone deacetylase	59.40	0.00
TRINITY_sp|Q5R61PIGK	GPI-anchor transami	59.40	0.00
TRINITY_sp|Q76P(DDB_G027	Probable serine/thr	59.40	0.00
TRINITY_sp|Q9SI2RKP	E3 ubiquitin-protei	59.40	0.00
TRINITY_sp|Q5J4VMPK2	Mitogen-activated p	59.40	0.00
TRINITY_sp|Q8LE9At3g0229	E3 ubiquitin-protei	59.40	0.00
TRINITY_sp|P5589SUMO1	Small ubiquitin-rel	59.30	0.00
TRINITY_sp|Q9FH1MOB1A	MOB kinase activato	59.30	0.00
TRINITY_sp|O9581SDPR	Serum deprivation-r	59.30	0.00
TRINITY_sp|Q6UX7C16orf89	UPF0764 protein C16	59.30	0.00
TRINITY_sp|Q55A4snrpb	Small nuclear ribon	59.30	0.00
TRINITY_sp|Q5M79PAP7	Probable plastid-li	59.30	0.00
TRINITY_sp|Q7YSVcanA	Calcineurin subunit	59.30	0.00
TRINITY_sp|Q553EpsmD4	26S proteasome non-	59.30	0.00
TRINITY_sp|Q8W11SMU1	Suppressor of mec-8	59.30	0.00
TRINITY_sp|Q23FFITLL3C	Tubulin glycyclase 3	59.30	0.00

TRINITY_sp|P5496|BIO2	Biotin synthase OS=	59.30	0.00
TRINITY_sp|Q8LAN|UBP4	Ubiquitin carboxyl-	59.30	0.00
TRINITY_sp|A2XUV|CDKG-2	Cyclin-dependent ki	59.30	0.00
TRINITY_sp|Q3923|At5g2747	Serine--tRNA ligase	59.30	0.00
TRINITY_sp|P3618|-	Endoplasmin homolog	59.30	0.00
TRINITY_sp|Q3B88|SNU13	NHP2-like protein 1	59.30	0.00
TRINITY_sp|Q6P88|snu13	NHP2-like protein 1	59.30	0.00
TRINITY_sp|Q9SJ9|NRPB6B	DNA-directed RNA po	59.30	0.00
TRINITY_sp|P0782|act18	Actin-18 OS=Dictyos	59.30	0.00
TRINITY_sp|Q9Y68|STK24	Serine/threonine-pr	59.30	0.00
TRINITY_sp|Q8WU7|PPIL4	Peptidyl-prolyl cis	59.30	0.00
TRINITY_sp|Q9HCF|CHD8	Chromodomain-helica	59.30	0.00
TRINITY_sp|Q54W6|glnA3	Type-3 glutamine sy	59.20	0.00
TRINITY_sp|Q9I0F|purB	Adenylosuccinate ly	59.20	0.00
TRINITY_sp|Q3943|RAB1BV	Ras-related protein	59.20	0.00
TRINITY_sp|O2666|msrA	Peptide methionine	59.20	0.00
TRINITY_sp|A6VNE|infB	Translation initiat	59.20	0.00
TRINITY_sp|Q9299|BRF1	Transcription facto	59.20	0.00
TRINITY_sp|Q9XXV|myoK	Myosin-K heavy chai	59.20	0.00
TRINITY_sp|B7PX8|spas	Spastin OS=Ixodes s	59.20	0.00
TRINITY_sp|F1NTI|ascc3	Activating signal c	59.20	0.00
TRINITY_sp|Q24F5|RPL36	60S ribosomal prote	59.20	0.00
TRINITY_sp|O2324|D2HGDH	D-2-hydroxyglutarat	59.20	0.00
TRINITY_sp|Q3877|CDC2A	Cell division contr	59.20	0.00
TRINITY_sp|Q54PI|lvsF	BEACH domain-contai	59.20	0.00
TRINITY_sp|P1191|Scp2	Non-specific lipid-	59.20	0.00
TRINITY_sp|A2YVF|PAB1	Proteasome subunit	59.20	0.00
TRINITY_sp|P0C10|cyp15	Peptidyl-prolyl cis	59.20	0.00
TRINITY_sp|Q9YGF|slbp2	Oocyte-specific his	59.20	0.00
TRINITY_sp|Q2VY1|hslV	ATP-dependent prote	59.20	0.00
TRINITY_sp|Q550F|DDB_G027	Probable serine/thr	59.20	0.00
TRINITY_sp|Q9H17|ANAPC1	Anaphase-promoting	59.20	0.00
TRINITY_sp|P2396|VMA16	V-type proton ATPas	59.10	0.00
TRINITY_sp|P4910|RAB2B	Ras-related protein	59.10	0.00
TRINITY_sp|P4039|RIC2	Ras-related protein	59.10	0.00
TRINITY_sp|Q84NI|POLIB	DNA polymerase I B,	59.10	0.00
TRINITY_sp|Q54NV|oplah	5-oxoprolinase OS=D	59.10	0.00
TRINITY_sp|Q7SY8|qtrt1	Queuine tRNA-ribosy	59.10	0.00
TRINITY_sp|Q6Z10|YchF1	Obg-like ATPase 1 O	59.10	0.00
TRINITY_sp|Q55F2|aatA	Aspartate aminotran	59.10	0.00
TRINITY_sp|Q86GF|Cys	Crustapain OS=Panda	59.10	0.00
TRINITY_sp|O6489|Acx	Acyl-coenzyme A oxi	59.10	0.00
TRINITY_sp|Q0P51|GCAT	2-amino-3-ketobuty	59.10	0.00
TRINITY_sp|P1027|pol	Pol polyprotein OS=	59.10	0.00
TRINITY_sp|Q5571|g6pd-1	Glucose-6-phosphate	59.10	0.00
TRINITY_sp|Q5Z11|DOHH	Deoxyhypusine hydro	59.10	0.00
TRINITY_sp|Q7TMF|Prpcp	Lysosomal Pro-X car	59.10	0.00
TRINITY_sp|Q9BY5|SEC11C	Signal peptidase co	59.10	0.00
TRINITY_sp|Q8H13|RH14	DEAD-box ATP-depend	59.10	0.00
TRINITY_sp|Q8GWF|COX11	Cytochrome c oxidas	59.10	0.00
TRINITY_sp|Q9C51|SMC2-1	Structural maintena	59.10	0.00
TRINITY_sp|A2CDF|rp1A	50S ribosomal prote	59.10	0.00
TRINITY_sp|Q1JQF|BUB3	Mitotic checkpoint	59.10	0.00
TRINITY_sp|Q3998|-	Beta-carotene ketol	59.10	0.00
TRINITY_sp|A2XUN|OsI_1632	Pachytene checkpoin	59.10	0.00
TRINITY_sp|O2260|DEGP1	Protease Do-like 1,	59.10	0.00

TRINITY_sp|Q9LK3UKL2	Uridine kinase-like	59.10	0.00
TRINITY_sp|Q9C8FABCC11	ABC transporter C f	59.10	0.00
TRINITY_sp|Q3867-	V-type proton ATPas	59.10	0.00
TRINITY_sp|Q54QV\yaka	Probable serine/thr	59.10	0.00
TRINITY_sp|Q94JVNLP2	Nitrilase-like prot	59.10	0.00
TRINITY_sp|Q4253PIMT1	Protein-L-isoaspart	59.10	0.00
TRINITY_sp|P4964GAPC	Glyceraldehyde-3-ph	59.10	0.00
TRINITY_sp|Q9M08IBI1	Aspartate--tRNA lig	59.10	0.00
TRINITY_sp|Q94GFIASA1	Anthranilate syntha	59.10	0.00
TRINITY_sp|Q8LI3Os07g062	Putative MYST-like	59.10	0.00
TRINITY_sp|Q5BH8spb1	AdoMet-dependent rR	59.10	0.00
TRINITY_sp|Q9NRIFUBQLN4	Ubiquilin-4 OS=Homo	59.10	0.00
TRINITY_sp|Q6UW6PCSK4	Proprotein converta	59.10	0.00
TRINITY_sp|Q6CN6ASF1	Histone chaperone A	59.00	0.00
TRINITY_sp|Q54D7abcA9	ABC transporter A f	59.00	0.00
TRINITY_sp|P3641rab11A	Ras-related protein	59.00	0.00
TRINITY_sp|Q23FETTLL3C	Tubulin glycyclase 3	59.00	0.00
TRINITY_sp|Q6137Ift88	Intraflagellar tran	59.00	0.00
TRINITY_sp|Q2JU7rpme	50S ribosomal prote	59.00	0.00
TRINITY_sp|P5242PUR3	Phosphoribosylglyci	59.00	0.00
TRINITY_sp|Q54S9rps11	40S ribosomal prote	59.00	0.00
TRINITY_sp|Q9ZQ7VHA-F	V-type proton ATPas	59.00	0.00
TRINITY_sp|Q8S27GRIP	Protein GRIP OS=Ara	59.00	0.00
TRINITY_sp|P1444FGA	Fibrinogen alpha ch	59.00	0.00
TRINITY_sp|P0774Rrm1	Ribonucleoside-diph	59.00	0.00
TRINITY_sp|Q84K4ABCA2	ABC transporter A f	59.00	0.00
TRINITY_sp|Q9NPIEXOSC4	Exosome complex com	59.00	0.00
TRINITY_sp|Q54U7serA	D-3-phosphoglycerat	59.00	0.00
TRINITY_sp|P9325ELI3	Probable mannitol d	59.00	0.00
TRINITY_sp|Q997(MTR	Methionine synthase	59.00	0.00
TRINITY_sp|Q8KA8clpB2	Probable chaperone	59.00	0.00
TRINITY_sp|O7441SPCC1223	Chorismate synthase	58.90	0.00
TRINITY_sp|Q56Y1At5g5877	Dehydrodolichyl dip	58.90	0.00
TRINITY_sp|Q08DIDNM1	Dynamin-1 OS=Bos ta	58.90	0.00
TRINITY_sp|P0236rps7	40S ribosomal prote	58.90	0.00
TRINITY_sp|Q54U6kif3	Kinesin-related pro	58.90	0.00
TRINITY_sp|Q84K4ABCA2	ABC transporter A f	58.90	0.00
TRINITY_sp|Q9FNCTOM9-2	Mitochondrial impor	58.90	0.00
TRINITY_sp|P1024MYBL1	Myb-related protein	58.90	0.00
TRINITY_sp|Q75H7SAPK10	Serine/threonine-pr	58.90	0.00
TRINITY_sp|P3266FBP26	Fructose-2,6-bispho	58.90	0.00
TRINITY_sp|P0565sacC	Levanase OS=Bacillu	58.90	0.00
TRINITY_sp|Q5B02cwc15	Pre-mRNA-splicing f	58.90	0.00
TRINITY_sp|Q9LXIRLF	Cytochrome b5 domai	58.90	0.00
TRINITY_sp|Q9FLFAt5g3990	Translation factor	58.90	0.00
TRINITY_sp|Q9LM9SMD3B	Small nuclear ribon	58.90	0.00
TRINITY_sp|Q9S77PKL	CHD3-type chromatin	58.90	0.00
TRINITY_sp|Q3V1IAmpd1	AMP deaminase 1 OS=	58.90	0.00
TRINITY_sp|Q9313-	Actin, muscle OS=Br	58.90	0.00
TRINITY_sp|P4627-	DNA-directed RNA po	58.90	0.00
TRINITY_sp|Q9UK2CNOT11	CCR4-NOT transcript	58.90	0.00
TRINITY_sp|P0787Acaa1b	3-ketoacyl-CoA thio	58.90	0.00
TRINITY_sp|O6527KEA2	K(+) efflux antipor	58.90	0.00
TRINITY_sp|Q55D1DDB_G026	KIN17-like protein	58.90	0.00
TRINITY_sp|Q9LZMPPCS2	Phosphopantothenate	58.90	0.00
TRINITY_sp|Q69R6GLU	Ferredoxin-dependen	58.90	0

TRINITY_sp|Q9SF1CCT7	T-complex protein 1	58.90	0.00
TRINITY_sp|Q9SM\XPO1	Protein EXPORTIN 1A	58.90	0
TRINITY_sp|O823\THIC	Phosphomethylpyrimi	58.90	0.00
TRINITY_sp|Q9BY\SEC11C	Signal peptidase co	58.80	0.00
TRINITY_sp|Q4P2\UMAG_05	Tubulin beta chain	58.80	0.00
TRINITY_sp|Q9Z3\Top3b	DNA topoisomerase 3	58.80	0.00
TRINITY_sp|Q96R\BBS4	Bardet-Biedl syndro	58.80	0.00
TRINITY_sp|B6IP\gatB	Aspartyl/glutamyl-t	58.80	0.00
TRINITY_sp|O942\spt16	FACT complex subuni	58.80	0.00
TRINITY_sp|P492\IRPL9	60S ribosomal prote	58.80	0.00
TRINITY_sp|Q8WV\SNRNP27	U4/U6.U5 small nucl	58.80	0.00
TRINITY_sp|P411\rrpL	50S ribosomal prote	58.80	0.00
TRINITY_sp|Q86K\DDB_G02	Probable GH family	58.80	0.00
TRINITY_sp|P478\-	Eukaryotic translat	58.80	0.00
TRINITY_sp|P499\SRP-54C	Signal recognition	58.80	0.00
TRINITY_sp|Q8RX\IOVA4	Tryptophan--tRNA li	58.80	0.00
TRINITY_sp|Q9P2\DNAH2	Dynein heavy chain	58.80	0.00
TRINITY_sp|Q55D\DDB_G02	Putative methylster	58.80	0.00
TRINITY_sp|A4IF\POLR3A	DNA-directed RNA po	58.80	0.00
TRINITY_sp|Q55G\glcS	Glycogen [starch] s	58.80	0.00
TRINITY_sp|Q059\myb11	Myb-related protein	58.80	0.00
TRINITY_sp|O149\BTAF1	TATA-binding protei	58.80	0.00
TRINITY_sp|Q54M\asns	Probable asparagine	58.80	0.00
TRINITY_sp|Q55G\osgep	Probable tRNA N6-ad	58.80	0.00
TRINITY_sp|Q21C\dnaJ	Chaperone protein D	58.80	0.00
TRINITY_sp|Q8H0\PLSP1	Chloroplast process	58.80	0.00
TRINITY_sp|Q8MZ\-	Physarolisin OS=Phy	58.80	0.00
TRINITY_sp|Q8RH\lon	Lon protease OS=Fus	58.80	0.00
TRINITY_sp|Q9M1\ABC4	ABC transporter F f	58.80	0.00
TRINITY_sp|Q8VX\RFC3	Replication factor	58.80	0.00
TRINITY_sp|Q9ZT\Os06g05	Probable methionine	58.80	0.00
TRINITY_sp|O231\HCF164	Thioredoxin-like pr	58.80	0.00
TRINITY_sp|P215\-	Malate dehydrogenas	58.80	0.00
TRINITY_sp|Q31K\tsf	Elongation factor T	58.80	0.00
TRINITY_sp|O153\PMM2	Phosphomannomutase	58.80	0.00
TRINITY_sp|P010\C4	Complement C4 (Frag	58.70	0.00
TRINITY_sp|Q55A\DDB_G02	PH and Rap-GAP doma	58.70	0.00
TRINITY_sp|P546\pikA	Phosphatidylinosito	58.70	0.00
TRINITY_sp|P399\DL3	D-lactate dehydroge	58.70	0.00
TRINITY_sp|A1L2\d2hgdh	D-2-hydroxyglutarat	58.70	0.00
TRINITY_sp|Q6FL\ASF1	Histone chaperone A	58.70	0.00
TRINITY_sp|Q9BM\RPS6	40S ribosomal prote	58.70	0.00
TRINITY_sp|Q6ZI\ML2	Protein MEI2-like 2	58.70	0.00
TRINITY_sp|P0CN\CWC26	Pre-mRNA-splicing f	58.70	0.00
TRINITY_sp|Q3BA\-	Uncharacterized pro	58.70	0.00
TRINITY_sp|Q414\PCM3	Putative calmodulin	58.70	0.00
TRINITY_sp|P200\pyr1-3	Protein PYR1-3 OS=D	58.70	0.00
TRINITY_sp|Q60B\gloB	Hydroxyacylglutathi	58.70	0.00
TRINITY_sp|P265\hema	5-aminolevulinate s	58.70	0.00
TRINITY_sp|Q8LF\IDH1	Isocitrate dehydrog	58.70	0.00
TRINITY_sp|Q8LG\CDC27B	Cell division cycle	58.70	0.00
TRINITY_sp|F4IR\ATG1C	Serine/threonine-pr	58.70	0.00
TRINITY_sp|Q6GP\dbr1-a	Lariat debranching	58.70	0.00
TRINITY_sp|Q8RX\WIN2	Probable protein ph	58.70	0.00
TRINITY_sp|Q8H8\UAM1	UDP-arabinopyranose	58.70	0.00
TRINITY_sp|P205\CAH1	Carbonic anhydrase	58.70	0.00

TRINITY_sp|Q9C79AERO1	Endoplasmic reticul	58.70	0.00
TRINITY_sp|Q9M89NSN1	Guanine nucleotide-	58.70	0.00
TRINITY_sp|Q54IILZIC	Protein LZIC OS=Dic	58.70	0.00
TRINITY_sp|Q6P6CRsl24d1	Probable ribosome b	58.60	0.00
TRINITY_sp|P3471pgp-1	Multidrug resistanc	58.60	0.00
TRINITY_sp|Q96DJSNRNP40	U5 small nuclear ri	58.60	0.00
TRINITY_sp|A0AT1-	Non-specific lipid-	58.60	0.00
TRINITY_sp|Q23MTt116a	Probable beta-tubul	58.60	0.00
TRINITY_sp|O94221lys1	Homocitrate synthas	58.60	0.00
TRINITY_sp|Q1IQ9rpsO	30S ribosomal prote	58.60	0.00
TRINITY_sp|Q8WX9DNAH7	Dynein heavy chain	58.60	0.00
TRINITY_sp|Q1502EFTUD2	116 kDa U5 small nu	58.60	0
TRINITY_sp|P0857CYC1	Cytochrome c1, heme	58.60	0.00
TRINITY_sp|Q9VB7CG6066	NKAP family protein	58.60	0.00
TRINITY_sp|O5355ilvX	Putative acetolacta	58.60	0.00
TRINITY_sp|Q54Y5shkC	Dual specificity pr	58.60	0.00
TRINITY_sp|O8217GDH2	Glycine cleavage sy	58.60	0.00
TRINITY_sp|Q8VZFRIBF2	FAD synthetase 2, c	58.60	0.00
TRINITY_sp|Q86Z9KLP1	Kinesin heavy chain	58.60	0.00
TRINITY_sp|Q0753ALDH6A1	Methylmalonate-semi	58.60	0.00
TRINITY_sp|O2244HDA19	Histone deacetylase	58.60	0.00
TRINITY_sp|Q9SIFRPS25B	40S ribosomal prote	58.60	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	58.60	0.00
TRINITY_sp|P2011CSY4	Citrate synthase 4,	58.50	0.00
TRINITY_sp|Q8LPIABCA8	ABC transporter A f	58.50	0.00
TRINITY_sp|Q9VR51(1)G019	Inositol hexakispho	58.50	0.00
TRINITY_sp|Q6PF7Cdc14b	Dual specificity pr	58.50	0.00
TRINITY_sp|Q7NBVdnaJ	Chaperone protein D	58.50	0.00
TRINITY_sp|A2YMC0sI_2638	Probable histone H2	58.50	0.00
TRINITY_sp|Q54P9ucpC	Probable mitochondr	58.50	0.00
TRINITY_sp|Q7ZV6vps29	Vacuolar protein so	58.50	0.00
TRINITY_sp|Q8TDCHELQ	Helicase POLQ-like	58.50	0.00
TRINITY_sp|Q9VP1Clp	Cleavage and polyad	58.50	0.00
TRINITY_sp|P2079MAK	Serine/threonine-pr	58.50	0.00
TRINITY_sp|P5255myb12	Myb-related protein	58.50	0.00
TRINITY_sp|Q94C5At4g2712	DDR GK domain-contai	58.50	0.00
TRINITY_sp|Q869Imdn1	Midasin OS=Dictyost	58.50	0.00
TRINITY_sp|O4929PPD4	PsbP domain-contain	58.50	0.00
TRINITY_sp|H9BW9rab7	Ras-related protein	58.50	0.00
TRINITY_sp|B0KK2cbpA	Curved DNA-binding	58.50	0.00
TRINITY_sp|A4SM3fbp	Fructose-1,6-bispho	58.50	0.00
TRINITY_sp|Q9SHIRRP44A	Exosome complex exo	58.50	0.00
TRINITY_sp|Q0875myb	Transcriptional act	58.50	0.00
TRINITY_sp|Q9ZR7ABCB1	ABC transporter B f	58.50	0.00
TRINITY_sp|Q6K6fOs02g050	Ubiquitin-like modi	58.50	0.00
TRINITY_sp|Q56A5abcb8	ATP-binding cassett	58.50	0.00
TRINITY_sp|E8XYHtatD	3'-5' ssDNA/RNA exo	58.50	0.00
TRINITY_sp|B2SA9rlmE	Ribosomal RNA large	58.50	0.00
TRINITY_sp|P9298APR2	5'-adenylylsulfate	58.50	0.00
TRINITY_sp|Q9STIAt3g4838	Probable Ufm1-speci	58.50	0.00
TRINITY_sp|O8054At1g2280	Putative methyltran	58.50	0.00
TRINITY_sp|Q59LNCSE4	Histone H3-like cen	58.50	0.00
TRINITY_sp|P6128DYNLL1	Dynein light chain	58.40	0.00
TRINITY_sp|P491(PHI1	Glucose-6-phosphate	58.40	0.00
TRINITY_sp|Q9C9CRPL6C	60S ribosomal prote	58.40	0.00
TRINITY_sp|Q4U49Xirp2	Xin actin-binding r	58.40	0.00

TRINITY_sp|Q9SKQ	CYP19-2	Peptidyl-prolyl cis	58.40	0.00
TRINITY_sp|Q9283	KAT2A	Histone acetyltrans	58.40	0.00
TRINITY_sp|A0CXJ	FEN1-1	Flap endonuclease 1	58.40	0.00
TRINITY_sp|Q4G2C	DER2.1	Derlin-2.1 OS=Zea m	58.40	0.00
TRINITY_sp|F4JLJ	IMPA2	Importin subunit al	58.40	0.00
TRINITY_sp|Q9P3J	cyp41	41 kDa peptidyl-pro	58.40	0.00
TRINITY_sp|Q54C9	pex6	Peroxisomal biogene	58.40	0.00
TRINITY_sp|Q9XH8	RPS12	40S ribosomal prote	58.40	0.00
TRINITY_sp|O9408	ANB1	Eukaryotic translat	58.40	0.00
TRINITY_sp|P3411	glpD	Glycogen phosphoryl	58.40	0.00
TRINITY_sp|Q56X5	AOX4	Ubiquinol oxidase 4	58.40	0.00
TRINITY_sp|Q9FF6	UBC22	Ubiquitin-conjugati	58.40	0.00
TRINITY_sp|Q9FIC	BOLA2	Protein BOLA2 OS=Ar	58.40	0.00
TRINITY_sp|Q9SKQ	CYP19-2	Peptidyl-prolyl cis	58.40	0.00
TRINITY_sp|P1142	-	Actin OS=Entamoeba	58.30	0.00
TRINITY_sp|Q8VX2	AGAL3	Alpha-galactosidase	58.30	0.00
TRINITY_sp|O6573	RPS5	40S ribosomal prote	58.30	0.00
TRINITY_sp|Q9LZ1	PCP12-2	Calvin cycle protei	58.30	0.00
TRINITY_sp|B4EU1	rbn	Ribonuclease BN OS=	58.30	0.00
TRINITY_sp|Q28C2	cyb5r4	Cytochrome b5 reduc	58.30	0.00
TRINITY_sp|Q8033	memo1	Protein MEMO1 OS=Da	58.30	0.00
TRINITY_sp|A3LP1	RKI1	Ribose-5-phosphate	58.30	0.00
TRINITY_sp|Q9DA1	Pacrg	Parkin coregulated	58.30	0.00
TRINITY_sp|P5464	pkbA	RAC family serine/t	58.30	0.00
TRINITY_sp|Q54QF	rab32A	Ras-related protein	58.30	0.00
TRINITY_sp|Q86K1	ap2a1-1	AP-2 complex subuni	58.30	0.00
TRINITY_sp|Q8T21	fam49	Protein FAM49 homol	58.30	0.00
TRINITY_sp|Q9SJ5	BLH1	BEL1-like homeodoma	58.30	0.00
TRINITY_sp|Q941C	HUA1	Zinc finger CCCH do	58.30	0.00
TRINITY_sp|Q75J0	dph5	Diphthine methyl es	58.30	0.00
TRINITY_sp|Q6PH5	trip13	Pachytene checkpoin	58.30	0.00
TRINITY_sp|A6Q01	PCP12	Calvin cycle protei	58.30	0.00
TRINITY_sp|Q8LF1	LSM1B	Sm-like protein LSM	58.30	0.00
TRINITY_sp|P5467	pikE	Phosphatidylinosito	58.30	0.00
TRINITY_sp|Q1733	H24K24.3	Alcohol dehydrogena	58.30	0.00
TRINITY_sp|Q6317	Dnah7	Dynein heavy chain	58.30	0.00
TRINITY_sp|Q2M38	KIAA1033	WASH complex subuni	58.30	0.00
TRINITY_sp|Q95R1	CG10038	UPF0528 protein CG1	58.30	0.00
TRINITY_sp|Q54P0	gcsA	Glutamate--cysteine	58.30	0.00
TRINITY_sp|P7281	menG	2-phytyl-1,4-naphto	58.30	0.00
TRINITY_sp|Q54X0	DDB_G027	Probable serine/thr	58.30	0.00
TRINITY_sp|P5362	COPA	Coatomer subunit al	58.30	0.00
TRINITY_sp|Q8L41	FTGD1	Protein TRIGALACTOS	58.30	0.00
TRINITY_sp|Q8W48	At5g5010	(Uncharacterized pro	58.30	0.00
TRINITY_sp|O6464	At2g4564	Histone deacetylase	58.30	0.00
TRINITY_sp|Q9SV1	UEV1D	Ubiquitin-conjugati	58.30	0.00
TRINITY_sp|Q9BU1	TUBB6	Tubulin beta-6 chai	58.30	0.00
TRINITY_sp|F8RP1	HOP	Hsp70-Hsp90 organiz	58.30	0.00
TRINITY_sp|Q9XG1	'ALPH2	Serine/threonine pr	58.30	0.00
TRINITY_sp|Q9C81	CID8	Polyadenylate-bindi	58.30	0.00
TRINITY_sp|Q7XQ8	STT3B	Dolichyl-diphosphoo	58.30	0.00
TRINITY_sp|Q9LV5	ABCF5	ABC transporter F f	58.30	0.00
TRINITY_sp|Q6R21	Ppc2	Phosphoenolpyruvate	58.30	0
TRINITY_sp|P2899	-	Elongation factor 2	58.30	0.00
TRINITY_sp|P9337	-	Actin-104 (Fragment	58.20	0.00
TRINITY_sp|P9819	Atp9b	Probable phospholip	58.20	0.00

TRINITY_sp|P3352ABCC1	Multidrug resistanc	58.20	0.00
TRINITY_sp|Q0CFYATEG_068	Leukotriene A-4 hyd	58.20	0.00
TRINITY_sp|Q8TD5DNAH3	Dynein heavy chain	58.20	0.00
TRINITY_sp|P3787KARS	Lysine--tRNA ligase	58.20	0.00
TRINITY_sp|P2086-	Chlorophyll a-b bin	58.20	0.00
TRINITY_sp|Q55Ffrab6	Ras-related protein	58.20	0.00
TRINITY_sp|Q54BcpmB5	Proteasome subunit	58.20	0.00
TRINITY_sp|B0G12pip5k3	1-phosphatidylinosi	58.20	0.00
TRINITY_sp|B0JXIfabH	3-oxoacyl-[acyl-car	58.20	0.00
TRINITY_sp|P5922HTR2	Histone H3.2 OS=Ara	58.20	0.00
TRINITY_sp|Q9FN9MBB1	PsbB mRNA maturatio	58.20	0.00
TRINITY_sp|Q9M8MWIN1	Acetylornithine ami	58.20	0.00
TRINITY_sp|Q1491DRAP1	Dr1-associated core	58.20	0.00
TRINITY_sp|Q9LH7VHA-d2	V-type proton ATPas	58.20	0.00
TRINITY_sp|Q9UQC(MOK	MAPK/MAK/MRK overla	58.20	0.00
TRINITY_sp|Q54Y2ugpB	UTP--glucose-1-phos	58.20	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	58.20	0.00
TRINITY_sp|Q56X5AOX4	Ubiquinol oxidase 4	58.20	0.00
TRINITY_sp|Q6I51CDKC-1	Cyclin-dependent ki	58.20	0.00
TRINITY_sp|Q1H44tuf1	Elongation factor T	58.20	0.00
TRINITY_sp|A2YX(SPL15	Squamosa promoter-b	58.20	0.00
TRINITY_sp|Q54M4pigC	Putative phosphatid	58.10	0.00
TRINITY_sp|P4175PGK	Phosphoglycerate ki	58.10	0.00
TRINITY_sp|P5585SUMO1	Small ubiquitin-rel	58.10	0.00
TRINITY_sp|P3513UBC2	Ubiquitin-conjugati	58.10	0.00
TRINITY_sp|A2VE4TTC30A	Tetratricopeptide r	58.10	0.00
TRINITY_sp|Q54KIwdr5	WD repeat-containin	58.10	0.00
TRINITY_sp|P3854Bm1_4472	GTP-binding nuclear	58.10	0.00
TRINITY_sp|P9099djr-1.1	Glutathione-indepen	58.10	0.00
TRINITY_sp|A9UN0bysl	Bystin OS=Monosiga	58.10	0.00
TRINITY_sp|Q64M7ML4	Protein MEI2-like 4	58.10	0.00
TRINITY_sp|Q56K(CRIP1	Cysteine-rich prote	58.10	0.00
TRINITY_sp|Q54N4bcaA	Branched-chain-amin	58.10	0.00
TRINITY_sp|O4299fkh1	Peptidyl-prolyl cis	58.10	0.00
TRINITY_sp|Q3884PP2AA1	Serine/threonine-pr	58.10	0.00
TRINITY_sp|P1539rpa1	DNA-directed RNA po	58.10	0.00
TRINITY_sp|Q9070EEF2	Elongation factor 2	58.10	0.00
TRINITY_sp|Q9LM9SMD3B	Small nuclear ribon	58.10	0.00
TRINITY_sp|Q8LD2PBA1	Proteasome subunit	58.10	0.00
TRINITY_sp|Q54D0lst8	Protein LST8 homolo	58.10	0.00
TRINITY_sp|O4948PGDH1	D-3-phosphoglycerat	58.10	0.00
TRINITY_sp|O7703trfA	General transcripti	58.10	0.00
TRINITY_sp|Q654\Os06g024	Pyruvate dehydrogen	58.10	0.00
TRINITY_sp|O7060Rsd2	Radical S-adenosyl	58.10	0.00
TRINITY_sp|Q6DW7DGD1	Digalactosyldiacylg	58.10	0.00
TRINITY_sp|F4ICI5EC31A	Protein transport p	58.10	0.00
TRINITY_sp|Q8BGIWdr92	WD repeat-containin	58.10	0.00
TRINITY_sp|B2RX1Abcc3	Canalicular multisp	58.10	0.00
TRINITY_sp|F4IV4CHR10	Probable helicase C	58.10	0.00
TRINITY_sp|Q5A59NIK1	Histidine protein k	58.00	0.00
TRINITY_sp|Q9VCHme4	Probable N6-adenosi	58.00	0.00
TRINITY_sp|Q55Bmek2	Probable serine/thr	58.00	0.00
TRINITY_sp|A2VD9ddx1	ATP-dependent RNA h	58.00	0.00
TRINITY_sp|Q8ST8abcC10	ABC transporter C f	58.00	0.00
TRINITY_sp|Q6FL8ASF1	Histone chaperone A	58.00	0.00
TRINITY_sp|Q60E6Os05g038	Putative NAD kinase	58.00	0.00

TRINITY_sp|Q32LISTOML2	Stomatin-like prote	58.00	0.00
TRINITY_sp|P4512etta	Energy-dependent tr	58.00	0.00
TRINITY_sp|Q9M9IAPC11	Anaphase-promoting	58.00	0.00
TRINITY_sp|Q148MTAF13	Transcription initi	58.00	0.00
TRINITY_sp|P5031PGK	Phosphoglycerate ki	58.00	0.00
TRINITY_sp|Q8IYIFANCM	Fanconi anemia grou	58.00	0.00
TRINITY_sp|Q9FX1PEX14	Peroxisomal membran	58.00	0.00
TRINITY_sp|Q54JHdnmA	DNA (cytosine-5)-me	58.00	0.00
TRINITY_sp|Q54MINadsyn1	Glutamine-dependent	58.00	0.00
TRINITY_sp|Q9SH3HMA5	Probable copper-tra	58.00	0.00
TRINITY_sp|P4277EMB2360	Glutathione reducta	58.00	0.00
TRINITY_sp|P6299RAC1	Ras-related C3 botu	58.00	0.00
TRINITY_sp|P386(CAS1	Cycloartenol syntha	58.00	0.00
TRINITY_sp|Q9LP5Atlg5059	Pirin-like protein	58.00	0.00
TRINITY_sp|Q6Z38Os07g020	Coatomer subunit ga	58.00	0.00
TRINITY_sp|P5339ACLY	ATP-citrate synthas	58.00	0
TRINITY_sp|Q9NU2MDN1	Midasin OS=Homo sap	58.00	0.00
TRINITY_sp|P5859rca	Ribulose bisphospha	58.00	0.00
TRINITY_sp|Q8WX9DNAH7	Dynein heavy chain	58.00	0.00
TRINITY_sp|Q23TCRPL21	60S ribosomal prote	58.00	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	58.00	0.00
TRINITY_sp|Q54SEDDDB_G028	Peroxioredoxin-like	57.90	0.00
TRINITY_sp|Q9C9MCDKD-2	Cyclin-dependent ki	57.90	0.00
TRINITY_sp|O7052ZNF330	Zinc finger protein	57.90	0.00
TRINITY_sp|Q2KJ8AP1M1	AP-1 complex subuni	57.90	0.00
TRINITY_sp|Q2F6314-3-3ze	14-3-3 protein zeta	57.90	0.00
TRINITY_sp|Q9JHFIde	Insulin-degrading e	57.90	0.00
TRINITY_sp|Q54M9dhps	Probable deoxyhypus	57.90	0.00
TRINITY_sp|Q9FI6UBC27	Ubiquitin-conjugati	57.90	0.00
TRINITY_sp|Q9LT6PDR2	Probable manganese-	57.90	0.00
TRINITY_sp|Q9C7INTF2	Nuclear transport f	57.90	0.00
TRINITY_sp|O0407ctpA	C-terminal processi	57.90	0.00
TRINITY_sp|Q3903ATPK2	Serine/threonine-pr	57.90	0.00
TRINITY_sp|F4JY3RUK	Serine/threonine-pr	57.90	0.00
TRINITY_sp|Q55G9cdk10	Probable cyclin-dep	57.90	0.00
TRINITY_sp|Q86I6nek3	Probable serine/thr	57.90	0.00
TRINITY_sp|O8242SPY	Probable UDP-N-acet	57.90	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	57.90	0.00
TRINITY_sp|Q6DD7snrnp27	U4/U6.U5 small nucl	57.90	0.00
TRINITY_sp|Q5DU6Cep164	Centrosomal protein	57.90	0.00
TRINITY_sp|P5421-	SF-assemblin OS=Dun	57.90	0.00
TRINITY_sp|Q0VC7TTLL1	Probable tubulin po	57.90	0.00
TRINITY_sp|Q9T07LACS4	Long chain acyl-CoA	57.90	0.00
TRINITY_sp|Q1025SPAC56F8	Eukaryotic translat	57.90	0.00
TRINITY_sp|Q56W6PLC3	Phosphoinositide ph	57.90	0.00
TRINITY_sp|Q8S89WNK2	Serine/threonine-pr	57.90	0.00
TRINITY_sp|Q28Gftma7	Translation machine	57.80	0.00
TRINITY_sp|Q6ZQ6Ppip5k2	Inositol hexakispho	57.80	0.00
TRINITY_sp|P4984GSK3B	Glycogen synthase k	57.80	0.00
TRINITY_sp|Q7KQ6PF14_036	DNA primase small s	57.80	0.00
TRINITY_sp|P9731Csrp1	Cysteine and glycin	57.80	0.00
TRINITY_sp|Q5ZK9SPAST	Spastin OS=Gallus g	57.80	0.00
TRINITY_sp|Q3ZC6CRIPT	Cysteine-rich PDZ-b	57.80	0.00
TRINITY_sp|O3496ytsJ	Probable NAD-depend	57.80	0.00
TRINITY_sp|Q9D26Ak7	Adenylate kinase 7	57.80	0.00
TRINITY_sp|Q8VX9ENT1	Equilibrative nucle	57.80	0.00

TRINITY_sp|Q9401CCT2	T-complex protein 1	57.80	0.00
TRINITY_sp|P052(Su(var)2	Heterochromatin pro	57.80	0.00
TRINITY_sp|O3412clpP2	ATP-dependent Clp p	57.80	0.00
TRINITY_sp|O2266CYN	Cyanate hydratase O	57.80	0.00
TRINITY_sp|Q5411mmsdh	Probable methylmal	57.80	0.00
TRINITY_sp|P0DL(DRC1	Dynein regulatory c	57.80	0.00
TRINITY_sp|Q8TE7DTD1	D-tyrosyl-tRNA(Tyr)	57.80	0.00
TRINITY_sp|Q4741pdxH	Pyridoxine/pyridoxa	57.80	0.00
TRINITY_sp|Q6551MCSU3	Molybdenum cofactor	57.80	0.00
TRINITY_sp|Q851(Os03g079	Probable GTP-bindin	57.80	0.00
TRINITY_sp|Q8H01RH42	DEAD-box ATP-depend	57.80	0.00
TRINITY_sp|Q8031ergic3	Endoplasmic reticul	57.80	0.00
TRINITY_sp|Q8DG6gatB	Aspartyl/glutamyl-t	57.80	0.00
TRINITY_sp|O2416PPXI	Protoporphyrinogen	57.80	0.00
TRINITY_sp|B3CL1rplT	50S ribosomal prote	57.80	0.00
TRINITY_sp|Q1LZ1SNRNP35	U11/U12 small nucle	57.80	0.00
TRINITY_sp|Q72M6ppa	Inorganic pyrophosp	57.70	0.00
TRINITY_sp|Q0WN1CHC1	Clathrin heavy chai	57.70	0.00
TRINITY_sp|Q9UR1rmt1	Protein arginine N-	57.70	0.00
TRINITY_sp|Q6P64dnajb6	DnaJ homolog subfam	57.70	0.00
TRINITY_sp|Q8LPMAt3g1995	E3 ubiquitin-protei	57.70	0.00
TRINITY_sp|Q55B1nek2	Probable serine/thr	57.70	0.00
TRINITY_sp|P0864R	Ras-like protein 3	57.70	0.00
TRINITY_sp|Q9VT1RpL10Ab	60S ribosomal prote	57.70	0.00
TRINITY_sp|Q1526RAB35	Ras-related protein	57.70	0.00
TRINITY_sp|Q54Q1erkB	Extracellular signa	57.70	0.00
TRINITY_sp|Q2W11rpmG	50S ribosomal prote	57.70	0.00
TRINITY_sp|Q7U01glpX	Fructose-1,6-bispho	57.70	0.00
TRINITY_sp|Q5411ddx42	Probable ATP-depend	57.70	0.00
TRINITY_sp|Q6S0(kif6	Kinesin-related pro	57.70	0.00
TRINITY_sp|Q54GVDDB_G026	Coiled-coil domain-	57.70	0.00
TRINITY_sp|P5511gale	UDP-glucose 4-epime	57.70	0.00
TRINITY_sp|Q9W79cpsf2	Cleavage and polyad	57.70	0.00
TRINITY_sp|Q9625PSAT1	Phosphoserine amino	57.70	0.00
TRINITY_sp|Q8L71ALY2	THO complex subunit	57.70	0.00
TRINITY_sp|Q54JIoxct1	Probable succinyl-C	57.70	0.00
TRINITY_sp|Q5NV1TXNRD1	Thioredoxin reducta	57.70	0.00
TRINITY_sp|Q429(PGM1	2,3-bisphosphoglyce	57.70	0.00
TRINITY_sp|F4IA(CSS3	Starch synthase 3,	57.70	0.00
TRINITY_sp|O4291eso1	N-acetyltransferase	57.70	0.00
TRINITY_sp|P9342Os05g015	Histidine--tRNA lig	57.70	0.00
TRINITY_sp|Q6K51CDKG-1	Cyclin-dependent ki	57.70	0.00
TRINITY_sp|Q55B1pcta	Ethanolamine-phosph	57.70	0.00
TRINITY_sp|P6296RAC1	Ras-related C3 botu	57.70	0.00
TRINITY_sp|A8I91CFAP45	Cilia- and flagella	57.70	0.00
TRINITY_sp|Q54P1DDB_G026	Stromal cell-derive	57.70	0.00
TRINITY_sp|Q54N(cyb5r1	NADH-cytochrome b5	57.60	0.00
TRINITY_sp|A6TU1mnmA	tRNA-specific 2-thi	57.60	0.00
TRINITY_sp|Q9VL1SmE	Probable small nucl	57.60	0.00
TRINITY_sp|Q9DG6RPLP0	60S acidic ribosoma	57.60	0.00
TRINITY_sp|Q9NU2MDN1	Midasin OS=Homo sap	57.60	0.00
TRINITY_sp|P4646Vps4b	Vacuolar protein so	57.60	0.00
TRINITY_sp|P3184-	RNA-directed DNA po	57.60	0.00
TRINITY_sp|Q54W(cdenr	Density-regulated p	57.60	0.00
TRINITY_sp|Q1261DNF2	Phospholipid-transp	57.60	0.00
TRINITY_sp|Q54F1xdh	Xanthine dehydrogen	57.60	0.00

TRINITY_sp|Q5ZJKCTD7	BTB/POZ domain-cont	57.60	0.00
TRINITY_sp|Q8S1\CML1	Calmodulin-like pro	57.60	0.00
TRINITY_sp|P297(-	60S acidic ribosoma	57.60	0.00
TRINITY_sp|O655\FBA5	Fructose-bisphospha	57.60	0.00
TRINITY_sp|O426\ncrc-2	Serine/threonine-pr	57.60	0.00
TRINITY_sp|B3DX\IaroC	Chorismate synthase	57.60	0.00
TRINITY_sp|Q9C6\DCP5	Protein decapping 5	57.60	0.00
TRINITY_sp|Q94B\PIGA	Phosphatidylinosito	57.60	0.00
TRINITY_sp|Q56Z\NAVPL1	Pyrophosphate-energ	57.60	0.00
TRINITY_sp|Q8DI\fusA	Elongation factor G	57.50	0.00
TRINITY_sp|Q23M\Tt116a	Probable beta-tubul	57.50	0.00
TRINITY_sp|Q9VK\Bug22	Cilia- and flagella	57.50	0.00
TRINITY_sp|P109(-	Actin, cytoplasmic	57.50	0.00
TRINITY_sp|Q1ZX\Iechsl	Probable enoyl-CoA	57.50	0.00
TRINITY_sp|Q99J\Adi1	1,2-dihydroxy-3-ket	57.50	0.00
TRINITY_sp|Q91X\Erlin1	Erlin-1 OS=Mus musc	57.50	0.00
TRINITY_sp|P168\gpaA	Guanine nucleotide-	57.50	0.00
TRINITY_sp|Q54Q\Cuba3	NEDD8-activating en	57.50	0.00
TRINITY_sp|O946\tad2	tRNA-specific adeno	57.50	0.00
TRINITY_sp|Q8N1\CFAP52	Cilia- and flagella	57.50	0.00
TRINITY_sp|P0DJ\RPL4	60S ribosomal prote	57.50	0.00
TRINITY_sp|Q5XF\Atp13a3	Probable cation-tra	57.50	0.00
TRINITY_sp|Q1LY\setd1ba	Histone-lysine N-me	57.50	0.00
TRINITY_sp|Q84N\POLIB	DNA polymerase I B,	57.50	0.00
TRINITY_sp|Q337\EOs10g051	Electron transfer f	57.50	0.00
TRINITY_sp|F5A8\DAB1	Dynein assembly fac	57.50	0.00
TRINITY_sp|Q8LP\ABCB2	ABC transporter B f	57.50	0.00
TRINITY_sp|A4R0\FMSH3	DNA mismatch repair	57.50	0.00
TRINITY_sp|Q9Y4\MYO5A	Unconventional myos	57.50	0.00
TRINITY_sp|Q93V\FCYP97A3	Protein LUTEIN DEFI	57.50	0.00
TRINITY_sp|O810\NRPB5A	DNA-directed RNA po	57.50	0.00
TRINITY_sp|Q9AS\PNSL5	Photosynthetic NDH	57.50	0.00
TRINITY_sp|Q9SZ\At4g318(-	Probable protein ph	57.50	0.00
TRINITY_sp|Q55G\repD	TFIIH basal transcr	57.50	0.00
TRINITY_sp|Q54N\pold1	DNA polymerase delt	57.40	0.00
TRINITY_sp|Q32P\FCF1	rRNA-processing pro	57.40	0.00
TRINITY_sp|A6WV\Oant_00(-	Putative pterin-4-a	57.40	0.00
TRINITY_sp|Q9FK\COX15	Cytochrome c oxidas	57.40	0.00
TRINITY_sp|Q9LR\POLD1	DNA polymerase delt	57.40	0.00
TRINITY_sp|Q6GQ\Cdc14a	Dual specificity pr	57.40	0.00
TRINITY_sp|A2Y5\SNAT1	Serotonin N-acetylt	57.40	0.00
TRINITY_sp|Q54X\pah	Phenylalanine-4-hyd	57.40	0.00
TRINITY_sp|D2K6\ISLT2	Sodium/sulfate cotr	57.40	0.00
TRINITY_sp|Q54Y\((DDB_G02(-	Adenylate kinase is	57.40	0.00
TRINITY_sp|Q9FQ\SPPI	Sucrose-phosphatase	57.40	0.00
TRINITY_sp|O813\((PAP11	Probable plastid-li	57.40	0.00
TRINITY_sp|Q9C9\At1g527(-	Probable histone H2	57.40	0.00
TRINITY_sp|P151\efbA	Elongation factor 2	57.40	0.00

TRINITY_sp|Q500VPIGM	GPI mannosyltransfe	57.40	0.00
TRINITY_sp|P0DJ1RPL7A	60S ribosomal prote	57.40	0.00
TRINITY_sp|Q8CXIdnaJ	Chaperone protein D	57.40	0.00
TRINITY_sp|Q9Y0JctxB	Cortexillin-2 OS=Po	57.40	0.00
TRINITY_sp|Q6P8JCaps1	Calcyphosin-like pr	57.40	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	57.40	0.00
TRINITY_sp|Q9SRVAPK3	Adenylyl-sulfate ki	57.40	0.00
TRINITY_sp|P935JCYP51	Obtusifoliol 14-alp	57.40	0.00
TRINITY_sp|P976JOploh	5-oxoprolinase OS=R	57.40	0.00
TRINITY_sp|Q9R0JLgmn	Legumain OS=Rattus	57.40	0.00
TRINITY_sp|P145JSrp54	Signal recognition	57.40	0.00
TRINITY_sp|O760JCDKL5	Cyclin-dependent ki	57.40	0.00
TRINITY_sp|P737Jslr1251	Peptidyl-prolyl cis	57.40	0.00
TRINITY_sp|Q5ZJHDDX10	Probable ATP-depend	57.40	0.00
TRINITY_sp|Q6AZJlmp21	Mitochondrial inner	57.40	0.00
TRINITY_sp|Q54MJnadsyn1	Glutamine-dependent	57.40	0.00
TRINITY_sp|Q55FJaatA	Aspartate aminotran	57.40	0.00
TRINITY_sp|P552JCGS1	Cystathionine gamma	57.40	0.00
TRINITY_sp|Q84KJABCA2	ABC transporter A f	57.40	0.00
TRINITY_sp|A1A4JATP9B	Probable phospholip	57.40	0
TRINITY_sp|Q8TFJATP8B4	Probable phospholip	57.40	0.00
TRINITY_sp|O808JAt2g458J	UPF0187 protein At2	57.40	0.00
TRINITY_sp|O440J(PYK	Pyruvate kinase OS=	57.40	0.00
TRINITY_sp|P275JCAB8	Chlorophyll a-b bin	57.40	0.00
TRINITY_sp|Q5UQJMIMI_R5J	Probable ubiquitin-	57.30	0.00
TRINITY_sp|P415JICL1	Isocitrate lyase OS	57.30	0.00
TRINITY_sp|Q239Jcopb	Coatomer subunit be	57.30	0.00
TRINITY_sp|Q9Y3JUBE2J1	Ubiquitin-conjugati	57.30	0.00
TRINITY_sp|Q54SJrc11	Probable RNA 3'-ter	57.30	0.00
TRINITY_sp|Q66GJCLPX3	CLP protease regula	57.30	0.00
TRINITY_sp|Q4R5JNADSYN1	Glutamine-dependent	57.30	0.00
TRINITY_sp|Q9FMIHDA6	Histone deacetylase	57.30	0.00
TRINITY_sp|Q9SQJLTA2	Dihydrolipoyllysine	57.30	0.00
TRINITY_sp|Q9M5JLPD1	Dihydrolipoyl dehyd	57.30	0.00
TRINITY_sp|P129JPEPD	Xaa-Pro dipeptidase	57.30	0.00
TRINITY_sp|Q8T6J(abch2	ABC transporter H f	57.30	0.00
TRINITY_sp|Q9LEJNAC2	PsbD mRNA maturatio	57.30	0.00
TRINITY_sp|Q9FEC(OHP2	Light-harvesting co	57.30	0.00
TRINITY_sp|O658J(CDA1	Cytidine deaminase	57.30	0.00
TRINITY_sp|Q96MJ(PACRG	Parkin coregulated	57.30	0.00
TRINITY_sp|P341JmvpA	Major vault protein	57.30	0.00
TRINITY_sp|Q9LMJTYRAAT2	Arogenate dehydroge	57.30	0.00
TRINITY_sp|P581J(coaE	Dephospho-CoA kinas	57.30	0.00
TRINITY_sp|Q940J(TMN1	Transmembrane 9 sup	57.30	0.00
TRINITY_sp|B1HMJrpsM	30S ribosomal prote	57.30	0.00
TRINITY_sp|Q428JDCUP	Uroporphyrinogen de	57.30	0.00
TRINITY_sp|Q54RIDDB_G02J	Probable serine/thr	57.30	0.00
TRINITY_sp|O221JGCP1	Probable tRNA N6-ad	57.30	0.00
TRINITY_sp|P546Japm2	AP-2 complex subuni	57.30	0.00
TRINITY_sp|P0C8JNCCRP1	Probable serine/thr	57.30	0.00
TRINITY_sp|Q55EIDDB_G02J	(NKAP family protein	57.30	0.00
TRINITY_sp|Q8RVJESPY	Probable UDP-N-acet	57.30	0.00
TRINITY_sp|A8IQJCCDC39	Coiled-coil domain-	57.30	0.00
TRINITY_sp|Q427J-	Stearoyl-[acyl-carr	57.30	0.00
TRINITY_sp|Q9M9J(CRTISO	Prolycopene isomera	57.30	0.00
TRINITY_sp|O653J-	Actin OS=Coleochaet	57.30	0.00

TRINITY_sp|Q9LH7RHM3	Trifunctional UDP-g	57.20	0.00
TRINITY_sp|Q9FY6RPS15C	40S ribosomal prote	57.20	0.00
TRINITY_sp|Q8LDICYP19-4	Peptidyl-prolyl cis	57.20	0.00
TRINITY_sp|Q55G5pakC	Serine/threonine-pr	57.20	0.00
TRINITY_sp|O5985gpx1	Glutathione peroxid	57.20	0.00
TRINITY_sp|Q9SLMAMAP1A	Methionine aminopep	57.20	0.00
TRINITY_sp|Q9P2ICHD7	Chromodomain-helica	57.20	0.00
TRINITY_sp|Q2386race	Rho-related protein	57.20	0.00
TRINITY_sp|P3751ychF	Ribosome-binding AT	57.20	0.00
TRINITY_sp|Q8BGIWdr92	WD repeat-containin	57.20	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	57.20	0.00
TRINITY_sp|F4I6MPOLIA	DNA polymerase I A,	57.20	0.00
TRINITY_sp|O6531-	Actin OS=Coleochaet	57.20	0.00
TRINITY_sp|Q8LKI1ALB3.2	Inner membrane ALBI	57.20	0.00
TRINITY_sp|Q9LZICP12-2	Calvin cycle protei	57.10	0.00
TRINITY_sp|P4285ZBP14	14 kDa zinc-binding	57.10	0.00
TRINITY_sp|Q633IcoaE	Dephospho-CoA kinas	57.10	0.00
TRINITY_sp|B1AR1Cisd3	CDGSH iron-sulfur d	57.10	0.00
TRINITY_sp|O227(CB5LP	Cytochrome B5-like	57.10	0.00
TRINITY_sp|O6527FOLD4	Bifunctional protei	57.10	0.00
TRINITY_sp|P4234MTOR	Serine/threonine-pr	57.10	0.00
TRINITY_sp|P0CR5SLU7	Pre-mRNA-splicing f	57.10	0.00
TRINITY_sp|Q8BR1Man2a2	Alpha-mannosidase 2	57.10	0.00
TRINITY_sp|Q96R1IFT140	Intraflagellar tran	57.10	0.00
TRINITY_sp|P1187-	High mobility group	57.10	0.00
TRINITY_sp|Q94A1SEC22	25.3 kDa vesicle tr	57.10	0.00
TRINITY_sp|Q553Iserp	Probable stress-ass	57.10	0.00
TRINITY_sp|Q3MHPMSMB6	Proteasome subunit	57.10	0.00
TRINITY_sp|Q3MHPMSMB6	Proteasome subunit	57.10	0.00
TRINITY_sp|Q9WU1Prodh	Proline dehydrogena	57.10	0.00
TRINITY_sp|O6481At2g2309	Uncharacterized pro	57.10	0.00
TRINITY_sp|Q0969SPAC2F7	Putative peptide ch	57.10	0.00
TRINITY_sp|P2976-	60S acidic ribosoma	57.10	0.00
TRINITY_sp|O8257RPL21	60S ribosomal prote	57.10	0.00
TRINITY_sp|Q4229At3g0209	Probable mitochondr	57.10	0.00
TRINITY_sp|Q1071CCP2	Cysteine proteinase	57.10	0.00
TRINITY_sp|Q1JQ7AP3S2	AP-3 complex subuni	57.10	0.00
TRINITY_sp|P3017ybiA	N-glycosidase YbiA	57.10	0.00
TRINITY_sp|Q9WY7TM_0508	Uncharacterized pro	57.10	0.00
TRINITY_sp|Q9CZ1Skiv212	Superkiller viralic	57.10	0
TRINITY_sp|Q9XF5PEX7	Peroxisome biogenes	57.10	0.00
TRINITY_sp|O0414At4g1899	Cyclic phosphodiect	57.10	0.00
TRINITY_sp|O6716gap	Glyceraldehyde-3-ph	57.10	0.00
TRINITY_sp|Q9M08IBI1	Aspartate--tRNA lig	57.10	0.00
TRINITY_sp|Q1I51ung	Uracil-DNA glycosyl	57.10	0.00
TRINITY_sp|O2413CHLD	Magnesium-chelatase	57.10	0.00
TRINITY_sp|P1861NRPB1	DNA-directed RNA po	57.10	0
TRINITY_sp|Q84M2ABCA1	ABC transporter A f	57.10	0.00
TRINITY_sp|Q0808CHSP70	Stromal 70 kDa heat	57.10	0.00
TRINITY_sp|Q8T13kif5	Kinesin-related pro	57.10	0.00
TRINITY_sp|P8014-	Extracellular serin	57.00	0.00
TRINITY_sp|Q9M21ABCG17	ABC transporter G f	57.00	0.00
TRINITY_sp|Q54GFmdhA	Probable malate deh	57.00	0.00
TRINITY_sp|Q9D11Hddc3	Guanosine-3',5'-bis	57.00	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	57.00	0.00
TRINITY_sp|Q9BW9NUDT9	ADP-ribose pyrophos	57.00	0.00

TRINITY_sp|Q9D0IRfc5	Replication factor	57.00	0.00
TRINITY_sp|O2432-	Vacuolar-processing	57.00	0.00
TRINITY_sp|Q6Z1YchF1	Obg-like ATPase 1 O	57.00	0.00
TRINITY_sp|Q54M2cdc20	Anaphase-promoting	57.00	0.00
TRINITY_sp|Q8WU4PPIL4	Peptidyl-prolyl cis	57.00	0.00
TRINITY_sp|Q1KVUrp112	50S ribosomal prote	57.00	0.00
TRINITY_sp|O7566GCAT	2-amino-3-ketobuty	57.00	0.00
TRINITY_sp|Q6NR4mcts1-b	Malignant T-cell-am	57.00	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	57.00	0.00
TRINITY_sp|A7MB4RQCD1	Cell differentiatio	57.00	0.00
TRINITY_sp|Q9FK2UBC33	Probable ubiquitin-	57.00	0.00
TRINITY_sp|Q32L5TRAPPC6F	Trafficking protein	57.00	0.00
TRINITY_sp|P5255MYBL1	Myb-related protein	57.00	0.00
TRINITY_sp|P7452slr1419	Uncharacterized Suf	57.00	0.00
TRINITY_sp|O0241-	Dynein light chain	57.00	0.00
TRINITY_sp|Q8LS4FYPP	Phytochrome-associa	57.00	0.00
TRINITY_sp|O1538NVL	Nuclear valosin-con	57.00	0.00
TRINITY_sp|Q66J7unc119b-	Protein unc-119 hom	57.00	0.00
TRINITY_sp|Q54Q4adkA	Adenylate kinase OS	57.00	0.00
TRINITY_sp|Q9SZ5GPX7	Putative glutathion	57.00	0.00
TRINITY_sp|Q8T13kif5	Kinesin-related pro	57.00	0.00
TRINITY_sp|Q2156M28.5	NHP2-like protein 1	56.90	0.00
TRINITY_sp|Q2945LIPF	Gastric triacylglyc	56.90	0.00
TRINITY_sp|P0007-	Cytochrome c OS=Tet	56.90	0.00
TRINITY_sp|P9WQ2treY	Putative maltooligo	56.90	0.00
TRINITY_sp|O5992SOD1	Superoxide dismutas	56.90	0.00
TRINITY_sp|Q1DR0CIMG_071	Mitotic-spindle org	56.90	0.00
TRINITY_sp|O4400PYK	Pyruvate kinase OS=	56.90	0.00
TRINITY_sp|Q54Y7gacA	Rho GTPase-activati	56.90	0.00
TRINITY_sp|Q86J4rab5A	Ras-related protein	56.90	0.00
TRINITY_sp|Q0197RAB2A	Ras-related protein	56.90	0.00
TRINITY_sp|Q8L7UBSL1	Serine/threonine-pr	56.90	0.00
TRINITY_sp|P4275ELI3	Mannitol dehydrogen	56.90	0.00
TRINITY_sp|A5DJ0HTA2	Histone H2A.2 OS=Me	56.90	0.00
TRINITY_sp|Q1013fep1	Iron-sensing transc	56.90	0.00
TRINITY_sp|Q9ZR4U2AF65B	Splicing factor U2a	56.90	0.00
TRINITY_sp|P3185tabA	Protein TabA OS=Pse	56.90	0.00
TRINITY_sp|B9G27Os09g024	Auxin transport pro	56.90	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	56.90	0.00
TRINITY_sp|Q9SN2ATL7	RING-H2 finger prot	56.90	0.00
TRINITY_sp|A8HY4IFT43	Intraflagellar tran	56.90	0.00
TRINITY_sp|Q8G2EipurD	Phosphoribosylamine	56.90	0.00
TRINITY_sp|Q2200pde-4	Probable 3',5'-cycl	56.90	0.00
TRINITY_sp|Q9MA4NOP5-2	Probable nucleolar	56.90	0.00
TRINITY_sp|Q3925SKP1A	SKP1-like protein 1	56.90	0.00
TRINITY_sp|P4280HEMA1	Glutamyl-tRNA reduc	56.90	0.00
TRINITY_sp|Q8L77DIT2	Dicarboxylate trans	56.90	0.00
TRINITY_sp|A5VJ4dnaJ	Chaperone protein D	56.90	0.00
TRINITY_sp|Q9CA4HIR2	Hypersensitive-indu	56.90	0.00
TRINITY_sp|Q6H64FTSH7	ATP-dependent zinc	56.90	0.00
TRINITY_sp|Q9FJ2CYP65	Peptidyl-prolyl cis	56.80	0.00
TRINITY_sp|O0062PIR	Pirin OS=Homo sapie	56.80	0.00
TRINITY_sp|Q93W4SAG21	Protein SENESENCE-	56.80	0.00
TRINITY_sp|Q9SZE4t4g2912	Probable 3-hydroxyi	56.80	0.00
TRINITY_sp|P6180rpl-12	60S ribosomal prote	56.80	0.00
TRINITY_sp|Q2KJ4AFG3L2	AFG3-like protein 2	56.80	0.00

TRINITY_sp|P341(myoD	Myosin ID heavy cha	56.80	0.00
TRINITY_sp|Q86AIDDB_G02	Probable acetyl-CoA	56.80	0.00
TRINITY_sp|Q58DIALAD	Delta-aminolevulini	56.80	0.00
TRINITY_sp|P537(GFA1	Glutamine--fructose	56.80	0.00
TRINITY_sp|Q10GMSI1	Histone-binding pro	56.80	0.00
TRINITY_sp|P258(UBC1	Ubiquitin-conjugati	56.80	0.00
TRINITY_sp|Q944(seld	Selenide, water dik	56.80	0.00
TRINITY_sp|Q8W5(FTSH8	ATP-dependent zinc	56.80	0.00
TRINITY_sp|Q551IDDB_G02	WD repeat-containin	56.80	0.00
TRINITY_sp|B0TG(secA	Protein translocase	56.80	0.00
TRINITY_sp|Q7XKI(TRX-X	Thioredoxin X, chlo	56.80	0.00
TRINITY_sp|Q58DIGPN2	GPN-loop GTPase 2 O	56.80	0.00
TRINITY_sp|Q9FM(PEX5	Peroxisome biogenes	56.80	0.00
TRINITY_sp|P239(VMA16	V-type proton ATPas	56.80	0.00
TRINITY_sp|Q9FQ(XRN3	5'-3' exoribonuclea	56.80	0.00
TRINITY_sp|D0NV(PITG_16	Adenylosuccinate sy	56.80	0.00
TRINITY_sp|P109(-	Retrovirus-related	56.80	0.00
TRINITY_sp|P775(yfcG	Disulfide-bond oxid	56.80	0.00
TRINITY_sp|Q6PF(Cdc14b	Dual specificity pr	56.70	0.00
TRINITY_sp|Q498(ismarcal1	SWI/SNF-related mat	56.70	0.00
TRINITY_sp|O091(Hgd	Homogentisate 1,2-d	56.70	0.00
TRINITY_sp|A0LY(rplT	50S ribosomal prote	56.70	0.00
TRINITY_sp|Q54T(DDB_G02	Maf-like protein DD	56.70	0.00
TRINITY_sp|Q551(mettl1	tRNA (guanine-N(7)-	56.70	0.00
TRINITY_sp|Q54R(trappc2	Trafficking protein	56.70	0.00
TRINITY_sp|Q5F3(ABCC1	Multidrug resistanc	56.70	0.00
TRINITY_sp|Q86AIDDB_G02	Probable myosin lig	56.70	0.00
TRINITY_sp|Q8ST(abcC10	ABC transporter C f	56.70	0.00
TRINITY_sp|Q55G(mcft	Probable mitochondr	56.70	0.00
TRINITY_sp|P271(cora	Coronin-A OS=Dictyo	56.70	0.00
TRINITY_sp|O487(HO1	Heme oxygenase 1, c	56.70	0.00
TRINITY_sp|E9Q9(Rab12	Rab-like protein 2A	56.70	0.00
TRINITY_sp|O574(fech	Ferrochelataase, mit	56.70	0.00
TRINITY_sp|Q9C5(DPL1	Sphingosine-1-phosp	56.70	0.00
TRINITY_sp|O810(NRPB5A	DNA-directed RNA po	56.70	0.00
TRINITY_sp|Q869(pakB	Serine/threonine-pr	56.70	0.00
TRINITY_sp|Q9FG(MNS4	Alpha-mannosidase I	56.70	0.00
TRINITY_sp|Q9LV(GLT1	Glutamate synthase	56.70	0.00
TRINITY_sp|Q3SZ(SNRPD2	Small nuclear ribon	56.70	0.00
TRINITY_sp|P304(PPIF	Peptidyl-prolyl cis	56.70	0.00
TRINITY_sp|Q9ZW(TIM10	Mitochondrial impor	56.70	0.00
TRINITY_sp|A1CK(get3	ATPase get3 OS=Aspe	56.70	0.00
TRINITY_sp|Q109(CUTA1	Protein CutA 1, chl	56.70	0.00
TRINITY_sp|Q54N(chprT	Hypoxanthine-guanin	56.70	0.00
TRINITY_sp|O049(-	Alpha-glucosidase O	56.70	0.00
TRINITY_sp|P123(CAB1R	Chlorophyll a-b bin	56.70	0.00
TRINITY_sp|Q80V(-	Probable peptide ch	56.60	0.00
TRINITY_sp|P469(dad1	Dolichyl-diphosphoo	56.60	0.00
TRINITY_sp|Q54C(vrtpR	Probable adenosylco	56.60	0.00
TRINITY_sp|Q54L(anapc11	Anaphase-promoting	56.60	0.00
TRINITY_sp|Q2KJ(AFG3L2	AFG3-like protein 2	56.60	0.00
TRINITY_sp|Q6CQ(TAR1-A	Protein TAR1 OS=Klu	56.60	0.00
TRINITY_sp|Q554(act17	Actin-17 OS=Dictyos	56.60	0.00
TRINITY_sp|Q23F(TTLL3C	Tubulin glycyclase 3	56.60	0.00
TRINITY_sp|Q0D5(SAP16	Zinc finger AN1 and	56.60	0.00
TRINITY_sp|P391(citZ	Citrate synthase 2	56.60	0.00

TRINITY_sp|Q9SGUMGL	Methionine gamma-ly	56.60	0.00
TRINITY_sp|Q9SSEADT2	Arogenate dehydrata	56.60	0.00
TRINITY_sp|Q3B8sdhb	Succinate dehydroge	56.60	0.00
TRINITY_sp|Q9FMIPYD2	Dihydropyrimidinase	56.60	0.00
TRINITY_sp|Q9SIIHPS3A	40S ribosomal prote	56.60	0.00
TRINITY_sp|P4968RPS30A	40S ribosomal prote	56.60	0.00
TRINITY_sp|Q8T8IabcD2	ABC transporter D f	56.60	0.00
TRINITY_sp|Q9QZMUbqln2	Ubiquilin-2 OS=Mus	56.60	0.00
TRINITY_sp|Q9JMTxnrD1	Thioredoxin reducta	56.60	0.00
TRINITY_sp|Q9SE4Os09g05	(Ribulose-phosphate	56.60	0.00
TRINITY_sp|Q7SDMrgt-1	tRNA(His) guanylylt	56.60	0.00
TRINITY_sp|P2752CAB8	Chlorophyll a-b bin	56.60	0.00
TRINITY_sp|Q1KV\psbK	Photosystem II reac	56.50	0.00
TRINITY_sp|Q6GL4mcm4	DNA replication lic	56.50	0.00
TRINITY_sp|Q8T2ImasA	Malate synthase OS=	56.50	0.00
TRINITY_sp|Q3956ODA4	Dynein beta chain,	56.50	0.00
TRINITY_sp|Q54YHsnfA	5'-AMP-activated se	56.50	0.00
TRINITY_sp|Q54JCpurL	Phosphoribosylformy	56.50	0.00
TRINITY_sp|Q9H0(SLC25A31	ADP/ATP translocase	56.50	0.00
TRINITY_sp|Q9C8MMSRB1	Peptide methionine	56.50	0.00
TRINITY_sp|Q7KQIARF1	ADP-ribosylation fa	56.50	0.00
TRINITY_sp|O2397GPXHA-1	Glutathione peroxid	56.50	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	56.50	0.00
TRINITY_sp|Q54QFrab32A	Ras-related protein	56.50	0.00
TRINITY_sp|Q9SG7RPS19A	40S ribosomal prote	56.50	0.00
TRINITY_sp|Q6MECasnS	Asparagine--tRNA li	56.50	0.00
TRINITY_sp|P2227RAS2	Ras-like protein 2	56.50	0.00
TRINITY_sp|B8B9FRPL10A	60S ribosomal prote	56.50	0.00
TRINITY_sp|O0463THRRS	Threonine--tRNA lig	56.50	0.00
TRINITY_sp|Q54Tlube2m	NEDD8-conjugating e	56.50	0.00
TRINITY_sp|O2365AK2	Aspartokinase 2, ch	56.50	0.00
TRINITY_sp|P0725URA2	Protein URA2 OS=Sac	56.50	0.00
TRINITY_sp|Q76NMERD2	ER lumen protein-re	56.50	0.00
TRINITY_sp|Q9C92NUG2	Nuclear/nucleolar G	56.50	0.00
TRINITY_sp|P537(GFA1	Glutamine--fructose	56.50	0.00
TRINITY_sp|Q4R63AGBL2	Cytosolic carboxype	56.50	0.00
TRINITY_sp|Q86K9trappc3	Trafficking protein	56.40	0.00
TRINITY_sp|Q9175gsk3b	Glycogen synthase k	56.40	0.00
TRINITY_sp|O0463THRRS	Threonine--tRNA lig	56.40	0.00
TRINITY_sp|P4252erka	Extracellular signa	56.40	0.00
TRINITY_sp|Q553\mcee	Methylmalonyl-CoA e	56.40	0.00
TRINITY_sp|Q6UX7C16orf89	UPF0764 protein C16	56.40	0.00
TRINITY_sp|P3473BMH2	Protein BMH2 OS=Sac	56.40	0.00
TRINITY_sp|Q29AIGA17800	Leishmanolysin-like	56.40	0.00
TRINITY_sp|Q964I-	Actin, cytoplasmic	56.40	0.00
TRINITY_sp|Q2365RPL32	60S ribosomal prote	56.40	0.00
TRINITY_sp|A9A5\guaB	Inosine-5'-monophos	56.40	0.00
TRINITY_sp|Q8I5IproRS	Proline--tRNA ligas	56.40	0.00
TRINITY_sp|P2079MAK	Serine/threonine-pr	56.40	0.00
TRINITY_sp|P5573SEC13	Protein SEC13 homol	56.40	0.00
TRINITY_sp|F4JA7SKI2	DExH-box ATP-depend	56.40	0.00
TRINITY_sp|P3184-	RNA-directed DNA po	56.40	0.00
TRINITY_sp|O975(TXN	Thioredoxin OS=Equu	56.40	0.00
TRINITY_sp|P5586mcm2	DNA replication lic	56.40	0.00
TRINITY_sp|Q6P5IUggt1	UDP-glucose:glycopr	56.40	0.00
TRINITY_sp|B9MQ9rp1S	50S ribosomal prote	56.40	0.00

TRINITY_sp|Q9SK7At2g3204	Folate-biopterin tr	56.40	0.00
TRINITY_sp|Q9CWF5myd3	Histone-lysine N-me	56.40	0.00
TRINITY_sp|Q9H88MOB1A	MOB kinase activato	56.40	0.00
TRINITY_sp|P2961CYCL	Cytochrome c1-2, he	56.40	0.00
TRINITY_sp|Q7DL8PBB2	Proteasome subunit	56.40	0.00
TRINITY_sp|Q8N40CARNMT1	Carnosine N-methylt	56.30	0.00
TRINITY_sp|Q7GB2ABCC5	ABC transporter C f	56.30	0.00
TRINITY_sp|Q8T15udkB	Uridine-cytidine ki	56.30	0.00
TRINITY_sp|Q54X9metS	Probable methionine	56.30	0.00
TRINITY_sp|O1410lys12	Homoisocitrate dehy	56.30	0.00
TRINITY_sp|Q54IFragA	Ras-related GTP-bin	56.30	0.00
TRINITY_sp|Q0JM1AIP1	DEAD-box ATP-depend	56.30	0.00
TRINITY_sp|P1982PRKA	Phosphoribulokinase	56.30	0.00
TRINITY_sp|O3513Emg1	Ribosomal RNA small	56.30	0.00
TRINITY_sp|B8B81OsI_2544	PHD finger protein	56.30	0.00
TRINITY_sp|Q0514Rac2	Ras-related C3 botu	56.30	0.00
TRINITY_sp|P5633-	Eukaryotic translat	56.30	0.00
TRINITY_sp|Q93Z0FKBP53	Peptidyl-prolyl cis	56.30	0.00
TRINITY_sp|Q54J7papA	Poly(A) polymerase	56.30	0.00
TRINITY_sp|O5971dph1	Diphthamide biosynt	56.30	0.00
TRINITY_sp|Q6YZ5RFC3	Replication factor	56.30	0.00
TRINITY_sp|Q91ZVSmarca5	SWI/SNF-related mat	56.30	0.00
TRINITY_sp|Q6R3MPoli	DNA polymerase iota	56.30	0.00
TRINITY_sp|Q0875myb	Transcriptional act	56.30	0.00
TRINITY_sp|O9453sua5	Threonylcarbamoyl-A	56.30	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	56.30	0.00
TRINITY_sp|Q0076glpV	Glycogen phosphoryl	56.30	0.00
TRINITY_sp|P0269PMP2	Myelin P2 protein O	56.20	0.00
TRINITY_sp|P4658POL3	DNA polymerase delt	56.20	0.00
TRINITY_sp|O7564SNRNP200	U5 small nuclear ri	56.20	0.00
TRINITY_sp|Q9P40SAR1	Small COPII coat GT	56.20	0.00
TRINITY_sp|Q96P3NEK1	Serine/threonine-pr	56.20	0.00
TRINITY_sp|Q54EVlpd	Dihydrolipoyl dehyd	56.20	0.00
TRINITY_sp|Q0047L41P1A	60S ribosomal prote	56.20	0.00
TRINITY_sp|Q9VLA5me	Probable small nucl	56.20	0.00
TRINITY_sp|Q9FJ1PABN2	Polyadenylate-bindi	56.20	0.00
TRINITY_sp|Q54U0kif3	Kinesin-related pro	56.20	0.00
TRINITY_sp|A8EZ5hisS	Histidine--tRNA lig	56.20	0.00
TRINITY_sp|Q0IM0MT4A	Metallothionein-lik	56.20	0.00
TRINITY_sp|P5467pikC	Phosphatidylinosito	56.20	0.00
TRINITY_sp|Q55D0cysA	Cystathionine gamma	56.20	0.00
TRINITY_sp|Q8W11SMU1	Suppressor of mec-8	56.20	0.00
TRINITY_sp|A2X21OsI_0062	Serine/threonine pr	56.20	0.00
TRINITY_sp|Q3ZC0OAT	Ornithine aminotran	56.20	0.00
TRINITY_sp|P7355s110875	Uncharacterized mem	56.20	0.00
TRINITY_sp|Q0110H0219H12	ATP-dependent RNA h	56.20	0.00
TRINITY_sp|Q9975ABCA3	ATP-binding cassett	56.20	0.00
TRINITY_sp|Q66I2aldh8a1	Aldehyde dehydrogen	56.20	0.00
TRINITY_sp|Q54S7sf3b3	Probable splicing f	56.20	0.00
TRINITY_sp|Q9SM0NFYC1	Nuclear transcripti	56.20	0.00
TRINITY_sp|Q9T00At4g3928	Phenylalanine--tRNA	56.20	0.00
TRINITY_sp|Q2310RPL5	60S ribosomal prote	56.20	0.00
TRINITY_sp|Q9CW8Cpsf31	Integrator complex	56.20	0.00
TRINITY_sp|A8NE0TRP-1	Tryptophan synthase	56.20	0.00
TRINITY_sp|B2IZ0ileS	Isoleucine--tRNA li	56.20	0.00
TRINITY_sp|Q4WK0ppe1	Protein phosphatase	56.20	0.00

TRINITY_sp|Q84QUPPT2	Phosphoenolpyruvate	56.20	0.00
TRINITY_sp|Q1414DHX34	Probable ATP-depend	56.20	0.00
TRINITY_sp|Q5PQ4-	Uncharacterized pro	56.20	0.00
TRINITY_sp|Q56YNSMC3	Structural maintena	56.20	0.00
TRINITY_sp|Q54F1ndufv2	NADH dehydrogenase	56.20	0.00
TRINITY_sp|Q54P9mtr	Methionine synthase	56.20	0.00
TRINITY_sp|Q704FAbcb7	ATP-binding cassett	56.20	0.00
TRINITY_sp|Q8DJ4clpB1	Chaperone protein C	56.20	0.00
TRINITY_sp|Q5F36ABCC1	Multidrug resistanc	56.20	0.00
TRINITY_sp|O7579RNASEH27	Ribonuclease H2 sub	56.10	0.00
TRINITY_sp|Q93VFATG18A	Autophagy-related p	56.10	0.00
TRINITY_sp|Q74ZCYSH1	Endoribonuclease YS	56.10	0.00
TRINITY_sp|Q96BMARL8A	ADP-ribosylation fa	56.10	0.00
TRINITY_sp|A2ZBVVATP-P1	V-type proton ATPas	56.10	0.00
TRINITY_sp|A5PKHFAH	Fumarylacetoacetase	56.10	0.00
TRINITY_sp|P5468fimA	Fimbrin OS=Dictyost	56.10	0.00
TRINITY_sp|Q9NX7DUS2	tRNA-dihydrouridine	56.10	0.00
TRINITY_sp|Q6INUttc30a	Tetratricopeptide r	56.10	0.00
TRINITY_sp|Q8VZ9FZR1	Protein FIZZY-RELAT	56.10	0.00
TRINITY_sp|Q4WI0rps21	40S ribosomal prote	56.10	0.00
TRINITY_sp|Q23FETLL3C	Tubulin glycyclase 3	56.10	0.00
TRINITY_sp|Q9XY1fcpA	Probable C-terminal	56.10	0.00
TRINITY_sp|P3411mvpA	Major vault protein	56.10	0.00
TRINITY_sp|P4262yqjG	Glutathionyl-hydroq	56.10	0.00
TRINITY_sp|Q182EdnaJ	Chaperone protein D	56.10	0.00
TRINITY_sp|Q9BLCamtA	Ammonium transporte	56.10	0.00
TRINITY_sp|P3413hmgB	3-hydroxy-3-methylg	56.10	0.00
TRINITY_sp|Q9SS1RPS24A	40S ribosomal prote	56.10	0.00
TRINITY_sp|Q5A43GAT1	Transcriptional reg	56.10	0.00
TRINITY_sp|Q0WR0FKBP20-2	Peptidyl-prolyl cis	56.10	0.00
TRINITY_sp|Q9S76HISN1A	ATP phosphoribosylt	56.10	0.00
TRINITY_sp|P4687KIN14N	Kinesin-like protei	56.10	0.00
TRINITY_sp|P1048-	Phosphatidylcholine	56.10	0.00
TRINITY_sp|Q9SJ4UEV1C	Ubiquitin-conjugati	56.10	0.00
TRINITY_sp|P791(CPSF3	Cleavage and polyad	56.10	0.00
TRINITY_sp|P1141sod1	Superoxide dismutas	56.10	0.00
TRINITY_sp|Q9LZIRABE1D	Ras-related protein	56.10	0.00
TRINITY_sp|O7564SNRNP20(U5	small nuclear ri	56.00	0.00
TRINITY_sp|Q93WISAG21	Protein SENESCENCE-	56.00	0.00
TRINITY_sp|P5657-	ES1 protein homolog	56.00	0.00
TRINITY_sp|Q6C4IDBP2	ATP-dependent RNA h	56.00	0.00
TRINITY_sp|Q387(THI1	Thiamine thiazole s	56.00	0.00
TRINITY_sp|Q3MI1PUS10	Putative tRNA pseud	56.00	0.00
TRINITY_sp|B7T1\ftsH	ATP-dependent zinc	56.00	0.00
TRINITY_sp|Q1267DNF2	Phospholipid-transp	56.00	0.00
TRINITY_sp|O9438psm1	Structural maintena	56.00	0.00
TRINITY_sp|Q9DAFPacrg	Parkin coregulated	56.00	0.00
TRINITY_sp|Q3957YPTC1	GTP-binding protein	56.00	0.00
TRINITY_sp|Q75M3ML3	Protein MEI2-like 3	56.00	0.00
TRINITY_sp|Q3958-	5-methyltetrahydrop	56.00	0.00
TRINITY_sp|Q0992yakc	Aldo-keto reductase	56.00	0.00
TRINITY_sp|Q6BV1PMP3	Plasma membrane pro	56.00	0.00
TRINITY_sp|Q1ZXHgxcdD	Guanine exchange fa	56.00	0.00
TRINITY_sp|Q54M2bkda	2-oxoisovalerate de	56.00	0.00
TRINITY_sp|Q8LH(Os07g01(DDR	DRGK domain-contai	56.00	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	56.00	0.00

TRINITY_sp|P529(-	Pyruvate dehydrogen	56.00	0.00
TRINITY_sp|F4IYNDEX1	Protein DEFECTIVE I	56.00	0.00
TRINITY_sp|Q0PGAKR4C9	Aldo-keto reductase	56.00	0.00
TRINITY_sp|O489(POLD1	DNA polymerase delt	56.00	0.00
TRINITY_sp|Q8RWNAPRT1	Nicotinate phosphor	56.00	0.00
TRINITY_sp|Q0564dnaJ	Chaperone protein D	56.00	0.00
TRINITY_sp|O2214GCP1	Probable tRNA N6-ad	56.00	0.00
TRINITY_sp|Q23FETLL3C	Tubulin glycyclase 3	56.00	0.00
TRINITY_sp|Q9SW(SYNC1	Asparagine--tRNA li	56.00	0.00
TRINITY_sp|Q8W4ICYP71	Peptidyl-prolyl cis	56.00	0.00
TRINITY_sp|A4QVITIF1	ATP-dependent RNA h	56.00	0.00
TRINITY_sp|F4K5RVE2	Protein REVEILLE 2	56.00	0.00
TRINITY_sp|Q5W9IUSP	UDP-sugar pyrophosp	56.00	0.00
TRINITY_sp|P162(F9	Coagulation factor	55.90	0.00
TRINITY_sp|Q6ZWUbe2d2b	Ubiquitin-conjugati	55.90	0.00
TRINITY_sp|Q946(-	DNA polymerase alph	55.90	0.00
TRINITY_sp|Q54U(dhka	Hybrid signal trans	55.90	0.00
TRINITY_sp|Q86C(tor	Target of rapamycin	55.90	0.00
TRINITY_sp|Q54R(DDB_G02(	Probable iron/ascor	55.90	0.00
TRINITY_sp|P5467pikC	Phosphatidylinosito	55.90	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	55.90	0.00
TRINITY_sp|P252(NFYB	Nuclear transcripti	55.90	0.00
TRINITY_sp|O665(aq_141	Uncharacterized HIT	55.90	0.00
TRINITY_sp|Q9DAFpacrg	Parkin coregulated	55.90	0.00
TRINITY_sp|P484(CNAG_004	Actin OS=Cryptococc	55.90	0.00
TRINITY_sp|P412(Abca2	ATP-binding cassett	55.90	0.00
TRINITY_sp|Q86Klap2a1-1	AP-2 complex subuni	55.90	0.00
TRINITY_sp|Q0P5IRBM42	RNA-binding protein	55.90	0.00
TRINITY_sp|Q452(hbdA	3-hydroxybutyryl-Co	55.90	0.00
TRINITY_sp|Q653(SPS1	Solanesyl-diphospha	55.90	0.00
TRINITY_sp|Q557(sll10608	Ycf49-like protein	55.90	0.00
TRINITY_sp|Q54VIrio1	Serine/threonine-pr	55.90	0.00
TRINITY_sp|Q94IIGGPS	Geranylgeranyl pyro	55.90	0.00
TRINITY_sp|Q2QPVGK1	Guanylate kinase 1	55.90	0.00
TRINITY_sp|Q405(AOX2	Ubiquinol oxidase 2	55.90	0.00
TRINITY_sp|P328(IMP3	U3 small nucleolar	55.90	0.00
TRINITY_sp|P932(-	Zeaxanthin epoxidas	55.90	0.00
TRINITY_sp|Q5R4IXRN2	5'-3' exoribonuclea	55.90	0.00
TRINITY_sp|Q8PFI(dusA	tRNA-dihydrouridine	55.90	0.00
TRINITY_sp|Q9FMUMPT3	Mitochondrial phosp	55.90	0.00
TRINITY_sp|O181(ogt-1	UDP-N-acetylglucosa	55.90	0.00
TRINITY_sp|P402(CKB1	Casein kinase II su	55.90	0.00
TRINITY_sp|Q93V(RPS1	30S ribosomal prote	55.90	0.00
TRINITY_sp|Q54X(ap1b1	AP-1 complex subuni	55.90	0.00
TRINITY_sp|Q8DIH(hemC	Porphobilinogen dea	55.90	0.00
TRINITY_sp|Q6P8(Caps1	Calcyphosin-like pr	55.90	0.00
TRINITY_sp|Q9FR(AMI1	Amidase 1 OS=Arabid	55.90	0.00
TRINITY_sp|Q550(rheb	GTP-binding protein	55.90	0.00
TRINITY_sp|Q5R6(RPF1	Ribosome production	55.90	0.00
TRINITY_sp|Q8H1(PYD3	Beta-ureidopropiona	55.90	0.00
TRINITY_sp|G0S8(CTHT_002	Eukaryotic translat	55.90	0.00
TRINITY_sp|O045(SNL4	Paired amphipathic	55.90	0.00
TRINITY_sp|Q336(CDKE-1	Cyclin-dependent ki	55.90	0.00
TRINITY_sp|Q2QM(BSL2	Serine/threonine-pr	55.90	0.00
TRINITY_sp|P281(RABD2A	Ras-related protein	55.90	0.00
TRINITY_sp|Q9SH(PSAF	Photosystem I react	55.80	0.00

TRINITY_sp|P4094Arf102F	ADP-ribosylation fa	55.80	0.00
TRINITY_sp|Q55G\pakC	Serine/threonine-pr	55.80	0.00
TRINITY_sp|O741\UBC1	Ubiquitin-conjugati	55.80	0.00
TRINITY_sp|Q6NP\HRD1B	ERAD-associated E3	55.80	0.00
TRINITY_sp|Q5TA\DCAF8	DDB1- and CUL4-asso	55.80	0.00
TRINITY_sp|P519\Nek1	Serine/threonine-pr	55.80	0.00
TRINITY_sp|O744\cdps1	Aspartate--tRNA lig	55.80	0.00
TRINITY_sp|Q23H\CFAP206	Cilia- and flagella	55.80	0.00
TRINITY_sp|O611\svkA	Serine/threonine-pr	55.80	0.00
TRINITY_sp|Q9SY\BRR2A	DExH-box ATP-depend	55.80	0.00
TRINITY_sp|Q54K\mcca	Methylcrotonoyl-CoA	55.80	0.00
TRINITY_sp|P425\erka	Extracellular signa	55.80	0.00
TRINITY_sp|Q8DJ\clpB1	Chaperone protein C	55.80	0.00
TRINITY_sp|P0C8\CCRP1	Probable serine/thr	55.80	0.00
TRINITY_sp|B0TE\efp	Elongation factor P	55.80	0.00
TRINITY_sp|P548\hgsA	Hydroxymethylglutar	55.80	0.00
TRINITY_sp|Q54J\purB	Adenylosuccinate ly	55.80	0.00
TRINITY_sp|Q8UV\brix1	Ribosome biogenesis	55.80	0.00
TRINITY_sp|A4S6\OSTLU_41	Lon protease homolo	55.80	0.00
TRINITY_sp|O221\GCP1	Probable tRNA N6-ad	55.80	0.00
TRINITY_sp|Q8VZ\IGEP	Probable glutamyl e	55.80	0.00
TRINITY_sp|Q9C7\VLACS3	Long chain acyl-CoA	55.80	0.00
TRINITY_sp|Q9UR\plg7	Putative phospholip	55.80	0.00
TRINITY_sp|O760\CDKL5	Cyclin-dependent ki	55.80	0.00
TRINITY_sp|O230\ECA2	Calcium-transportin	55.80	0.00
TRINITY_sp|P527\-	Glutamine--tRNA lig	55.80	0.00
TRINITY_sp|Q631\Dnah1	Dynein heavy chain	55.80	0.00
TRINITY_sp|Q3E9\CPK34	Calcium-dependent p	55.80	0.00
TRINITY_sp|Q557\fdpp3-1	Dipeptidyl peptidas	55.80	0.00
TRINITY_sp|P426\-	14-3-3 protein 1 OS	55.70	0.00
TRINITY_sp|Q86C\tor	Target of rapamycin	55.70	0.00
TRINITY_sp|Q9VY\Coq5	2-methoxy-6-polypre	55.70	0.00
TRINITY_sp|Q6PB\crp135	60S ribosomal prote	55.70	0.00
TRINITY_sp|Q953\MANBA	Beta-mannosidase OS	55.70	0.00
TRINITY_sp|Q54N\pex12	Putative peroxisome	55.70	0.00
TRINITY_sp|Q54I\HDDB_G02	WASH complex subuni	55.70	0.00
TRINITY_sp|O499\-	14-3-3-like protein	55.70	0.00
TRINITY_sp|Q8LG\ABCC8	ABC transporter C f	55.70	0.00
TRINITY_sp|Q9ZE\ogt	Methylated-DNA--pro	55.70	0.00
TRINITY_sp|B0TC\crp1Q	50S ribosomal prote	55.70	0.00
TRINITY_sp|Q56Y\PLR1	Pyridoxal reductase	55.70	0.00
TRINITY_sp|Q9FX\RFC2	Replication factor	55.70	0.00
TRINITY_sp|Q3UM\Spata5	Spermatogenesis-ass	55.70	0.00
TRINITY_sp|Q54E\sptB	Serine palmitoyltra	55.70	0.00
TRINITY_sp|Q6P8\Alg8	Probable dolichyl p	55.70	0.00
TRINITY_sp|O942\nop2	25S rRNA (cytosine-	55.70	0.00
TRINITY_sp|Q8RC\psuG	Pseudouridine-5'-ph	55.70	0.00
TRINITY_sp|Q9NW\POLR3B	DNA-directed RNA po	55.70	0.00
TRINITY_sp|O154\MPPED1	Metallophosphoester	55.70	0.00
TRINITY_sp|Q021\PAT1	Anthranilate phosph	55.70	0.00
TRINITY_sp|Q94B\ISPH	4-hydroxy-3-methylb	55.70	0.00
TRINITY_sp|A0AV\UBA6	Ubiquitin-like modi	55.70	0.00
TRINITY_sp|Q54L\fvps13A	Putative vacuolar p	55.70	0.00
TRINITY_sp|Q8H0\At5g234	Katanin p80 WD40 re	55.70	0.00
TRINITY_sp|Q6NV\CDPF1	Cysteine-rich DPF m	55.70	0.00
TRINITY_sp|Q5XI\Galk2	N-acetylgalactosami	55.70	0.00

TRINITY_sp|Q9FJ7TOP1B	DNA topoisomerase 1	55.70	0.00
TRINITY_sp|Q86ZCklp1	Kinesin heavy chain	55.70	0.00
TRINITY_sp|O8603bdhA	D-beta-hydroxybutyr	55.70	0.00
TRINITY_sp|Q963CSPY	Probable UDP-N-acet	55.70	0.00
TRINITY_sp|Q2669-	Thioredoxin peroxid	55.60	0.00
TRINITY_sp|A5D7CDDX52	Probable ATP-depend	55.60	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	55.60	0.00
TRINITY_sp|Q9ZQIMBR1	E3 ubiquitin-protei	55.60	0.00
TRINITY_sp|Q9LDUDWF5	7-dehydrocholestero	55.60	0.00
TRINITY_sp|Q54X7DDB_G027	DEP domain-containi	55.60	0.00
TRINITY_sp|A8EXCmnmG	tRNA uridine 5-carb	55.60	0.00
TRINITY_sp|Q94K7At3g5814	Phenylalanine--tRNA	55.60	0.00
TRINITY_sp|Q9FF6UBC22	Ubiquitin-conjugati	55.60	0.00
TRINITY_sp|Q9SB5AP4M	AP-4 complex subuni	55.60	0.00
TRINITY_sp|Q54DIGcvT	Aminomethyltransfer	55.60	0.00
TRINITY_sp|Q9449ubcB	Ubiquitin conjugati	55.60	0.00
TRINITY_sp|Q9NPIUBE2T	Ubiquitin-conjugati	55.60	0.00
TRINITY_sp|Q9WV6Mok	MAPK/MAK/MRK overla	55.60	0.00
TRINITY_sp|O141Clys12	Homoisocitrate dehy	55.60	0.00
TRINITY_sp|Q5Z87Os06g056	Probable inositol o	55.60	0.00
TRINITY_sp|P5347CYIA	Actin, cytoskeletal	55.60	0.00
TRINITY_sp|Q54E9rpc19	DNA-directed RNA po	55.60	0.00
TRINITY_sp|Q0VD4VPS4B	Vacuolar protein so	55.60	0.00
TRINITY_sp|O7535VPS4B	Vacuolar protein so	55.60	0.00
TRINITY_sp|Q9UQC(MOK	MAPK/MAK/MRK overla	55.60	0.00
TRINITY_sp|Q9261GCN1	eIF-2-alpha kinase	55.60	0.00
TRINITY_sp|P1395-	G2/mitotic-specific	55.60	0.00
TRINITY_sp|P529C(-	14-3-3-like protein	55.60	0.00
TRINITY_sp|Q23MTt116a	Probable beta-tubul	55.60	0.00
TRINITY_sp|Q9SB5AP4M	AP-4 complex subuni	55.60	0.00
TRINITY_sp|Q75M3ML3	Protein MEI2-like 3	55.60	0.00
TRINITY_sp|P1419AAC4	AAC-rich mRNA clone	55.60	0.00
TRINITY_sp|Q10M7V2	Guanylate kinase 2,	55.60	0.00
TRINITY_sp|Q54G7nsa2	Ribosome biogenesis	55.60	0.00
TRINITY_sp|Q54S7sf3b3	Probable splicing f	55.60	0.00
TRINITY_sp|Q9SBIABC1	Protein ABC transpo	55.60	0.00
TRINITY_sp|Q2756thyB	Thymidine kinase 1	55.60	0.00
TRINITY_sp|Q9SYMRHM1	Trifunctional UDP-g	55.60	0.00
TRINITY_sp|Q9FLMNRPB12	DNA-directed RNA po	55.60	0.00
TRINITY_sp|Q9P77rpa2	Probable DNA-direct	55.60	0.00
TRINITY_sp|Q9FSIMD1	Malate dehydrogenas	55.60	0.00
TRINITY_sp|Q5VQ6Os06g014	Translation factor	55.60	0.00
TRINITY_sp|P5488P5CSB	Delta-1-pyrroline-5	55.60	0.00
TRINITY_sp|Q3V0Cdnah12	Dynein heavy chain	55.60	0.00
TRINITY_sp|Q9ZQIMBR1	E3 ubiquitin-protei	55.60	0.00
TRINITY_sp|Q9D7EAcad8	Isobutyryl-CoA dehy	55.60	0.00
TRINITY_sp|Q7X87GATA	Glutamyl-tRNA(Gln)	55.60	0.00
TRINITY_sp|Q54T(rio2	Serine/threonine-pr	55.60	0.00
TRINITY_sp|O5985gpx1	Glutathione peroxid	55.60	0.00
TRINITY_sp|Q9C6VABC14	ABC transporter G f	55.60	0.00
TRINITY_sp|P4273CLPB1	Chaperone protein C	55.60	0.00
TRINITY_sp|Q8NBRDH13	Retinol dehydrogena	55.50	0.00
TRINITY_sp|D4B0VARB_0207	Probable glucan end	55.50	0.00
TRINITY_sp|P0396rasD	Ras-like protein ra	55.50	0.00
TRINITY_sp|Q6312Abcc2	Canalicular multisp	55.50	0.00
TRINITY_sp|P372Cdis3	Exosome complex exo	55.50	0.00

TRINITY_sp|O2260	DEGP1	Protease Do-like 1,	55.50	0.00
TRINITY_sp|P4993	Ctsh	Pro-cathepsin H OS=	55.50	0.00
TRINITY_sp|Q8BW7	Kdm4a	Lysine-specific dem	55.50	0.00
TRINITY_sp|Q8BU1	Txn14b	Thioredoxin-like pr	55.50	0.00
TRINITY_sp|Q6ZHF	Os02g07	Putative D-cysteine	55.50	0.00
TRINITY_sp|P9192	-	ADP-ribosylation fa	55.50	0.00
TRINITY_sp|P3289	IMP3	U3 small nucleolar	55.50	0.00
TRINITY_sp|Q4362	-	Glutathione reducta	55.50	0.00
TRINITY_sp|Q0076	glpV	Glycogen phosphoryl	55.50	0.00
TRINITY_sp|Q7SY1	qtrt1	Queuine tRNA-ribosy	55.50	0.00
TRINITY_sp|P2479	ATP1A2	Sodium/potassium-tr	55.50	0.00
TRINITY_sp|A8IE1	PRMT1	Protein arginine N-	55.50	0.00
TRINITY_sp|P3125	UBA2	Ubiquitin-activatin	55.50	0
TRINITY_sp|O6508	PBC1	Proteasome subunit	55.50	0.00
TRINITY_sp|Q9612	PYURF	Protein preY, mitoc	55.40	0.00
TRINITY_sp|P4039	RIC1	Ras-related protein	55.40	0.00
TRINITY_sp|P4061	F01G4.6	Phosphate carrier p	55.40	0.00
TRINITY_sp|P3659	rpb6	DNA-directed RNA po	55.40	0.00
TRINITY_sp|Q9175	gsk3b	Glycogen synthase k	55.40	0.00
TRINITY_sp|P1325	PCT1	Choline-phosphate c	55.40	0.00
TRINITY_sp|Q54X6	brk1	Protein BRICK1 OS=D	55.40	0.00
TRINITY_sp|Q5521	ccchl	Probable cytochrome	55.40	0.00
TRINITY_sp|P5514	-	Glutaredoxin OS=Ric	55.40	0.00
TRINITY_sp|P1763	fgg	Fibrinogen gamma ch	55.40	0.00
TRINITY_sp|Q7T31	ccdc25	Coiled-coil domain-	55.40	0.00
TRINITY_sp|P3411	mvpA	Major vault protein	55.40	0.00
TRINITY_sp|Q0596	GRP10	Glycine-rich RNA-bi	55.40	0.00
TRINITY_sp|Q5RG1	gnptab	N-acetylglucosamine	55.40	0.00
TRINITY_sp|P1286	-	Triosephosphate iso	55.40	0.00
TRINITY_sp|Q8LPI	FZR3	Protein FIZZY-RELAT	55.40	0.00
TRINITY_sp|P1147	PSBP	Oxygen-evolving enh	55.40	0.00
TRINITY_sp|B6JK1	acsA	Acetyl-coenzyme A s	55.40	0.00
TRINITY_sp|A4111	ttc26	Intraflagellar tran	55.40	0.00
TRINITY_sp|A2XY1	PRMT6.1	Probable protein ar	55.40	0.00
TRINITY_sp|Q54R1	DDB_G028	Delta-1-pyrroline-5	55.40	0.00
TRINITY_sp|B9RA1	RCOM_15	Probable aspartyl a	55.40	0.00
TRINITY_sp|Q1JP1	farsa	Phenylalanine--tRNA	55.40	0.00
TRINITY_sp|P0AF1	mog	Molybdopterin adeny	55.40	0.00
TRINITY_sp|Q9LY1	FKBP19	Peptidyl-prolyl cis	55.40	0.00
TRINITY_sp|O6771	asd	Aspartate-semialdeh	55.40	0.00
TRINITY_sp|O0083	repB	TFIIH basal transcr	55.40	0.00
TRINITY_sp|Q1343	SF3B2	Splicing factor 3B	55.40	0.00
TRINITY_sp|Q5RF1	ALDH2	Aldehyde dehydrogen	55.40	0.00
TRINITY_sp|Q2QM1	MCCA	Methylcrotonoyl-CoA	55.40	0.00
TRINITY_sp|P3343	SOD1	Superoxide dismutas	55.40	0.00
TRINITY_sp|O0448	UCH2	Ubiquitin carboxyl-	55.40	0.00
TRINITY_sp|Q9ZR1	RH28	DEAD-box ATP-depend	55.40	0.00
TRINITY_sp|P4595	ARP	DNA-(apurinic or ap	55.40	0.00
TRINITY_sp|P0DJ1	RPL18A	60S ribosomal prote	55.30	0.00
TRINITY_sp|Q0209	rad3	Protein kinase rad3	55.30	0.00
TRINITY_sp|Q23M1	Tt116a	Probable beta-tubul	55.30	0.00
TRINITY_sp|Q9LZ1	IRABE1D	Ras-related protein	55.30	0.00
TRINITY_sp|Q2194	R11F4.1	Probable glycerol k	55.30	0.00
TRINITY_sp|Q9US1	klp3	Kinesin-like protei	55.30	0.00
TRINITY_sp|Q9SZ1	At4g2912	Probable 3-hydroxyi	55.30	0.00
TRINITY_sp|Q86A1	cpsf3	Cleavage and polyad	55.30	0.00

TRINITY_sp|P0C8MCCR1	Probable serine/thr	55.30	0.00
TRINITY_sp|Q940FSRK2E	Serine/threonine-pr	55.30	0.00
TRINITY_sp|Q554&slr0537	Uncharacterized sug	55.30	0.00
TRINITY_sp|Q54DCcomG	Aldehyde dehydrogen	55.30	0.00
TRINITY_sp|Q8WX>DNAH7	Dynein heavy chain	55.30	0.00
TRINITY_sp|A5N6MdnaJ	Chaperone protein D	55.30	0.00
TRINITY_sp|Q6S0(kif6	Kinesin-related pro	55.30	0.00
TRINITY_sp|Q9LJIM3KE1	MAP3K epsilon prote	55.30	0.00
TRINITY_sp|O236&At1g298&	Glycine--tRNA ligas	55.30	0.00
TRINITY_sp|Q9FX&STT3B	Dolichyl-diphosphoo	55.30	0.00
TRINITY_sp|P056&CTSZ	Cathepsin Z OS=Bos	55.30	0.00
TRINITY_sp|Q55B&nod2	Superoxide dismutas	55.30	0.00
TRINITY_sp|O353&Abcc1	Multidrug resistanc	55.30	0.00
TRINITY_sp|Q39V&mutS	DNA mismatch repair	55.30	0.00
TRINITY_sp|Q917&gsk3b	Glycogen synthase k	55.30	0.00
TRINITY_sp|A2E3(ALG5D	Dolichyl-phosphate	55.20	0.00
TRINITY_sp|Q9VD&CG6353	Protein archease-li	55.20	0.00
TRINITY_sp|Q54N&der12	Probable derlin-2 h	55.20	0.00
TRINITY_sp|Q55G&ChLim	Calponin homology a	55.20	0.00
TRINITY_sp|Q9SZ&HISN4	Imidazole glycerol	55.20	0.00
TRINITY_sp|Q91VIN&dufs1	NADH-ubiquinone oxi	55.20	0.00
TRINITY_sp|Q3MF&FrpsQ	30S ribosomal prote	55.20	0.00
TRINITY_sp|P395&DRS2	Probable phospholip	55.20	0.00
TRINITY_sp|P265&At2g306&	Histone H1.2 OS=Ara	55.20	0.00
TRINITY_sp|Q9FGI&PUB50	Putative U-box doma	55.20	0.00
TRINITY_sp|Q112(&PARP2	Poly [ADP-ribose] p	55.20	0.00
TRINITY_sp|Q54I&indrB	Probable serine/thr	55.20	0.00
TRINITY_sp|F4IH&SYD	Chromatin structure	55.20	0.00
TRINITY_sp|Q097&pan2	PAB-dependent poly(	55.20	0.00
TRINITY_sp|Q9Y8&ubc15	Ubiquitin-conjugati	55.20	0.00
TRINITY_sp|P266&VARS	Valine--tRNA ligase	55.20	0.00
TRINITY_sp|Q8W4&ICYP71	Peptidyl-prolyl cis	55.20	0.00
TRINITY_sp|Q27I&KIN12D	Kinesin-like protei	55.20	0.00
TRINITY_sp|P283&acuE	Malate synthase, gl	55.20	0.00
TRINITY_sp|Q54N&gpn3	GPN-loop GTPase 3 O	55.20	0.00
TRINITY_sp|Q84W&SHM7	Serine hydroxymethy	55.20	0.00
TRINITY_sp|Q52Q&AIL6	AP2-like ethylene-r	55.20	0.00
TRINITY_sp|Q6PB&rps3a	40S ribosomal prote	55.20	0.00
TRINITY_sp|Q9LY&AK1	Aspartokinase 1, ch	55.20	0.00
TRINITY_sp|P243&al-3	Geranylgeranyl pyro	55.20	0.00
TRINITY_sp|Q9SZ&FABCG9	ABC transporter G f	55.20	0.00
TRINITY_sp|Q102&SPAC56F&	Eukaryotic translat	55.20	0.00
TRINITY_sp|A2Y9M&OsI_021(	Soluble starch synt	55.20	0.00
TRINITY_sp|Q0VD(IMP4	U3 small nucleolar	55.20	0.00
TRINITY_sp|P566&KNOX1	Homeobox protein kn	55.20	0.00
TRINITY_sp|Q8VC&Acsf2	Acyl-CoA synthetase	55.20	0.00
TRINITY_sp|F4HY&At1g486&	DExH-box ATP-depend	55.20	0.00
TRINITY_sp|Q8WX>DNAH7	Dynein heavy chain	55.20	0.00
TRINITY_sp|P872(&RPL34A	60S ribosomal prote	55.20	0.00
TRINITY_sp|O947&ALG2	Alpha-1,3/1,6-manno	55.20	0.00
TRINITY_sp|Q9Y8(&TOP2	DNA topoisomerase 2	55.10	0.00
TRINITY_sp|A6Q4&dnaJ	Chaperone protein D	55.10	0.00
TRINITY_sp|F4IG&BCHC2	BEACH domain-contai	55.10	0.00
TRINITY_sp|F4IS(&At2g320(	DNA topoisomerase 3	55.10	0.00
TRINITY_sp|Q920I&Mlycd	Malonyl-CoA decarbo	55.10	0.00
TRINITY_sp|Q101(&SPAC26A&	Hydrolase C26A3.11	55.10	0.00

TRINITY_sp|Q86W7SLC26A11	Sodium-independent	55.10	0.00
TRINITY_sp|Q92S7FubiE	Ubiquinone/menaquin	55.10	0.00
TRINITY_sp|Q54W7fgna1	Glucosamine 6-phosp	55.10	0.00
TRINITY_sp|Q5501DDB_G027	Probable serine/thr	55.10	0.00
TRINITY_sp|P4252erka	Extracellular signa	55.10	0.00
TRINITY_sp|Q54W7metap1	Methionine aminopep	55.10	0.00
TRINITY_sp|Q55E7gfm1	Elongation factor G	55.10	0.00
TRINITY_sp|Q9XII7ISCA	Iron-sulfur assembl	55.10	0.00
TRINITY_sp|Q54J7abcC3	ABC transporter C f	55.10	0.00
TRINITY_sp|Q9FI7AGD9	Probable ADP-ribosy	55.10	0.00
TRINITY_sp|Q54N7gpn3	GPN-loop GTPase 3 O	55.10	0.00
TRINITY_sp|Q54T7DDB_G028	Coiled-coil domain-	55.10	0.00
TRINITY_sp|Q1032SPAC17G8	Inositol phosphocer	55.10	0.00
TRINITY_sp|Q8WX7DNAH7	Dynein heavy chain	55.10	0.00
TRINITY_sp|Q54U7abcC12	ABC transporter C f	55.10	0.00
TRINITY_sp|Q1EC7tlk2	Serine/threonine-pr	55.10	0.00
TRINITY_sp|Q6TU7mala	NADP-dependent mali	55.10	0.00
TRINITY_sp|Q56Y7NADK1	NAD(H) kinase 1 OS=	55.10	0.00
TRINITY_sp|Q9C57PFK7	ATP-dependent 6-pho	55.10	0.00
TRINITY_sp|Q5PN7AMSH3	AMSH-like ubiquitin	55.10	0.00
TRINITY_sp|A8IR7CHLREDR7	Ribosome biogenesis	55.10	0.00
TRINITY_sp|Q4457nifS1	Cysteine desulfuras	55.10	0.00
TRINITY_sp|Q5577slr0074	UPF0051 protein slr	55.10	0.00
TRINITY_sp|Q9M07MABCB9	ABC transporter B f	55.10	0.00
TRINITY_sp|Q9SG7Atlg7255	Phenylalanine--tRNA	55.10	0.00
TRINITY_sp|Q8C57Cwc22	Pre-mRNA-splicing f	55.10	0.00
TRINITY_sp|P9307RH21	DEAD-box ATP-depend	55.10	0.00
TRINITY_sp|Q2QP7VGK1	Guanylate kinase 1	55.10	0.00
TRINITY_sp|Q8RW7CCB3	Protein COFACTOR AS	55.10	0.00
TRINITY_sp|Q8BI7Dyrk4	Dual specificity ty	55.10	0.00
TRINITY_sp|P5347ACT7	Actin-7 OS=Arabidop	55.10	0.00
TRINITY_sp|Q9DB7Mcts1	Malignant T-cell-am	55.10	0.00
TRINITY_sp|Q0717Suox	Sulfite oxidase, mi	55.10	0.00
TRINITY_sp|Q94LV7HOS66	Homeobox protein kn	55.10	0.00
TRINITY_sp|Q9VH7Coq2	4-hydroxybenzoate p	55.10	0.00
TRINITY_sp|Q55F7DDB_G026	Uncharacterized pro	55.00	0.00
TRINITY_sp|Q54R7mkkA	Mitogen-activated p	55.00	0.00
TRINITY_sp|Q55B7ddx49	Probable ATP-depend	55.00	0.00
TRINITY_sp|Q8L37FZR2	Protein FIZZY-RELAT	55.00	0.00
TRINITY_sp|Q54Q7yipf5	Protein YIPF5 homol	55.00	0.00
TRINITY_sp|Q52J7VIP2	Probable NOT transc	55.00	0.00
TRINITY_sp|Q55F7rab6	Ras-related protein	55.00	0.00
TRINITY_sp|Q9Y27UBE2D4	Ubiquitin-conjugati	55.00	0.00
TRINITY_sp|O4217apoa1	Apolipoprotein A-I	55.00	0.00
TRINITY_sp|P0277FN1	Fibronectin OS=Homo	55.00	0.00
TRINITY_sp|P3417myoD	Myosin ID heavy cha	55.00	0.00
TRINITY_sp|Q93W7NIFU1	NifU-like protein 1	55.00	0.00
TRINITY_sp|Q54P7pwp2	Periodic tryptophan	55.00	0.00
TRINITY_sp|P2007pyr1-3	Protein PYR1-3 OS=D	55.00	0.00
TRINITY_sp|Q6NL7ABCC2	ABC transporter D f	55.00	0.00
TRINITY_sp|Q54I7mycbp	C-Myc-binding prote	55.00	0.00
TRINITY_sp|Q2RA7CPK25	Calcium-dependent p	55.00	0.00
TRINITY_sp|Q5547aslB	Acyl-CoA synthetase	55.00	0.00
TRINITY_sp|O1397crn1	Coronin-like protei	55.00	0.00
TRINITY_sp|Q0DH7FTSH8	ATP-dependent zinc	55.00	0.00
TRINITY_sp|Q6ST7HCF101	Fe-S cluster assemb	55.00	0.00

TRINITY_sp|Q8L7FHHSK	Homoserine kinase O	55.00	0.00
TRINITY_sp|Q1LZ9IDI1	Isopentenyl-diphosp	55.00	0.00
TRINITY_sp|F4KI7At5g108	(Protein RRC1-like O	55.00	0.00
TRINITY_sp|Q4291-	Glucose-6-phosphate	55.00	0.00
TRINITY_sp|A5D8Msbds	Ribosome maturation	55.00	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	55.00	0.00
TRINITY_sp|Q54GFctdspl2	CTD small phosphata	55.00	0.00
TRINITY_sp|P0257-	Actin-1 OS=Acantham	55.00	0.00
TRINITY_sp|F4IU9UPF2	Regulator of nonsen	55.00	0.00
TRINITY_sp|B0S6Ueral1	GTPase Era, mitoch	55.00	0.00
TRINITY_sp|Q4239CPK12	Calcium-dependent p	55.00	0.00
TRINITY_sp|A8J66SULTR2	Proton/sulfate cotr	55.00	0.00
TRINITY_sp|A5H06DUR1,2	Urea amidolyase OS=	55.00	0.00
TRINITY_sp|P3644ALATS	Alanine--tRNA ligas	55.00	0.00
TRINITY_sp|Q9SGUMGL	Methionine gamma-ly	55.00	0.00
TRINITY_sp|Q9STIVPS29	Vacuolar protein so	55.00	0.00
TRINITY_sp|A4FV7PPIE	Peptidyl-prolyl cis	55.00	0.00
TRINITY_sp|O049(UMK3	UMP-CMP kinase 3 OS	54.90	0.00
TRINITY_sp|Q86J6trmt61a	tRNA (adenine(58)-N	54.90	0.00
TRINITY_sp|Q8JI3-	Type-4 ice-structur	54.90	0.00
TRINITY_sp|Q9KVIlysa	Diaminopimelate dec	54.90	0.00
TRINITY_sp|Q66K9cuta	Protein CutA homolo	54.90	0.00
TRINITY_sp|Q1339TARBP1	Probable methyltran	54.90	0.00
TRINITY_sp|Q9FIVDEGP10	Protease Do-like 10	54.90	0.00
TRINITY_sp|Q9C57TIF3H1	Eukaryotic translat	54.90	0.00
TRINITY_sp|O2214GCP1	Probable tRNA N6-ad	54.90	0.00
TRINITY_sp|B0R07si:dkey-	von Willebrand fact	54.90	0.00
TRINITY_sp|Q9TVIcdk-9	Probable cyclin-dep	54.90	0.00
TRINITY_sp|Q7KWNiunH	Inosine-uridine-pre	54.90	0.00
TRINITY_sp|Q7YZMerf3	Eukaryotic peptide	54.90	0.00
TRINITY_sp|Q96N6ZMAT2	Zinc finger matrin-	54.90	0.00
TRINITY_sp|Q0JCI7ZEP	Zeaxanthin epoxidas	54.90	0.00
TRINITY_sp|Q94BUAt1g7181	Uncharacterized aar	54.90	0.00
TRINITY_sp|P197(MIB	Myosin heavy chain	54.90	0.00
TRINITY_sp|Q2KJ6CDC5L	Cell division cycle	54.90	0.00
TRINITY_sp|Q9ZS8OMR1	Threonine dehydrata	54.90	0.00
TRINITY_sp|Q32L9CNN3	Calponin-3 OS=Bos t	54.90	0.00
TRINITY_sp|P0C03RUB3	Ubiquitin-like prot	54.90	0.00
TRINITY_sp|Q9AT6RPL23A	60S ribosomal prote	54.90	0.00
TRINITY_sp|Q8RC7psuG	Pseudouridine-5'-ph	54.90	0.00
TRINITY_sp|Q7DM7PAS1	Peptidyl-prolyl cis	54.90	0.00
TRINITY_sp|M1CZ6EBP1	ERBB-3 BINDING PROT	54.90	0.00
TRINITY_sp|Q8W5FKIN7D	Kinesin-like protei	54.90	0.00
TRINITY_sp|O8092AGD7	ADP-ribosylation fa	54.90	0.00
TRINITY_sp|Q0VF7kctd7	BTB/POZ domain-cont	54.90	0.00
TRINITY_sp|Q91V7Abca7	ATP-binding cassett	54.90	0.00
TRINITY_sp|Q54JFabcC3	ABC transporter C f	54.90	0.00
TRINITY_sp|P4228Dbi	Acyl-CoA-binding pr	54.80	0.00
TRINITY_sp|Q95RCG11412	N-alpha-acetyltrans	54.80	0.00
TRINITY_sp|O8184PUMP1	Mitochondrial uncou	54.80	0.00
TRINITY_sp|P3018TOP2	DNA topoisomerase 2	54.80	0.00
TRINITY_sp|Q86B1anapc8	Anaphase-promoting	54.80	0.00
TRINITY_sp|Q0976pim1	Lon protease homolo	54.80	0.00
TRINITY_sp|Q2R2ERFC1	Replication factor	54.80	0.00
TRINITY_sp|P527(trs-1	Threonine--tRNA lig	54.80	0.00
TRINITY_sp|Q2PQ7AGL	Glycogen debranchin	54.80	0.00

TRINITY_sp|Q9ZQVU2AF35A	Splicing factor U2a	54.80	0.00
TRINITY_sp|Q54TFgpn2	GPN-loop GTPase 2 h	54.80	0.00
TRINITY_sp|Q9SIIRKP	E3 ubiquitin-protei	54.80	0.00
TRINITY_sp|P1524PCMT1	Protein-L-isoaspart	54.80	0.00
TRINITY_sp|Q9FMFDIT2-1	Dicarboxylate trans	54.80	0.00
TRINITY_sp|Q6Q47Atp2b4	Plasma membrane cal	54.80	0.00
TRINITY_sp|Q05B1shq1	Protein SHQ1 homolo	54.80	0.00
TRINITY_sp|Q6WWWUPL3	E3 ubiquitin-protei	54.80	0.00
TRINITY_sp|F4IV5CHR5	Protein CHROMATIN R	54.80	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	54.80	0.00
TRINITY_sp|Q0368BIP4	Luminal-binding pro	54.80	0.00
TRINITY_sp|Q6NY2slc25a25	Calcium-binding mit	54.80	0.00
TRINITY_sp|B3PDMtal	Transaldolase OS=Ce	54.80	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	54.80	0.00
TRINITY_sp|Q80U5Xpo1	Exportin-1 OS=Rattu	54.80	0
TRINITY_sp|P2837SMARCA1	Probable global tra	54.80	0.00
TRINITY_sp|Q5DM5IFT172	Intraflagellar tran	54.80	0.00
TRINITY_sp|Q56X5AOX4	Ubiquinol oxidase 4	54.80	0.00
TRINITY_sp|Q4086EMB8	Embryogenesis-assoc	54.80	0.00
TRINITY_sp|Q84S7NOL	Chlorophyll(ide) b	54.80	0.00
TRINITY_sp|Q7F2ECSB	DNA excision repair	54.80	0.00
TRINITY_sp|Q9BX1GTPBP2	GTP-binding protein	54.80	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	54.80	0.00
TRINITY_sp|Q28Gftma7	Translation machine	54.70	0.00
TRINITY_sp|Q9M57PEAMT	Phosphoethanolamine	54.70	0.00
TRINITY_sp|Q9UPVCEP164	Centrosomal protein	54.70	0.00
TRINITY_sp|Q5SI1TTHA1564	DNA base-flipping p	54.70	0.00
TRINITY_sp|Q54I5mycbp	C-Myc-binding prote	54.70	0.00
TRINITY_sp|Q0157facA	Acetyl-coenzyme A s	54.70	0.00
TRINITY_sp|Q54D1DDB_G025	Down syndrome criti	54.70	0.00
TRINITY_sp|Q86A5vamp7B	Vesicle-associated	54.70	0.00
TRINITY_sp|O8198-	Serine--tRNA ligase	54.70	0.00
TRINITY_sp|Q6K10CAX3	Vacuolar cation/pro	54.70	0.00
TRINITY_sp|P3211PRDX2	Peroxiredoxin-2 OS=	54.70	0.00
TRINITY_sp|Q8H10NBP35	Cytosolic Fe-S clus	54.70	0.00
TRINITY_sp|P3120pab1	Polyadenylate-bindi	54.70	0.00
TRINITY_sp|Q9P77SPBC1703	Probable mitochondr	54.70	0.00
TRINITY_sp|Q9UVMRE11	Double-strand break	54.70	0.00
TRINITY_sp|P1705crtD	Hydroxyneurosporene	54.70	0.00
TRINITY_sp|Q9401CCT2	T-complex protein 1	54.70	0.00
TRINITY_sp|Q9C81FAS4	ATP-dependent RNA h	54.70	0.00
TRINITY_sp|P0787Acaa1b	3-ketoacyl-CoA thio	54.70	0.00
TRINITY_sp|O3514Copb2	Coatomer subunit be	54.70	0.00
TRINITY_sp|Q9SYMTPS1	Alpha,alpha-trehalo	54.70	0.00
TRINITY_sp|Q54YIileS	Probable isoleucine	54.70	0
TRINITY_sp|P3435ced-7	ABC transporter ced	54.70	0.00
TRINITY_sp|P1506rasG	Ras-like protein ra	54.70	0.00
TRINITY_sp|Q67X0CBSDUF1	DUF21 domain-contai	54.70	0.00
TRINITY_sp|P4023hhp2	Casein kinase I hom	54.70	0.00
TRINITY_sp|O7564SNRNP200	U5 small nuclear ri	54.70	0
TRINITY_sp|P4898-	Beta-galactosidase	54.60	0.00
TRINITY_sp|Q1414MORC3	MORC family CW-type	54.60	0.00
TRINITY_sp|O8095PGPS1	CDP-diacylglycerol-	54.60	0.00
TRINITY_sp|Q9295BRF1	Transcription facto	54.60	0.00
TRINITY_sp|Q93Y0UBP9	Ubiquitin carboxyl-	54.60	0.00
TRINITY_sp|Q5520cct8	T-complex protein 1	54.60	0.00

TRINITY_sp|Q4P5|DBP4	ATP-dependent RNA h	54.60	0.00
TRINITY_sp|Q9D3|Pus10	Putative tRNA pseud	54.60	0.00
TRINITY_sp|Q8H1|RH14	DEAD-box ATP-depend	54.60	0.00
TRINITY_sp|Q9LVI|TOP3A	DNA topoisomerase 3	54.60	0.00
TRINITY_sp|Q9CY|Wbscr22	Probable 18S rRNA (	54.60	0.00
TRINITY_sp|P513|ycf65	Probable 30S riboso	54.60	0.00
TRINITY_sp|Q2VY|hslV	ATP-dependent prote	54.60	0.00
TRINITY_sp|O601|SPBC16G	Uncharacterized pro	54.60	0.00
TRINITY_sp|B4M3|GJ19011	NFU1 iron-sulfur cl	54.60	0.00
TRINITY_sp|Q949|EGY1	Probable zinc metal	54.60	0.00
TRINITY_sp|Q55E|udkA	Uridine-cytidine ki	54.60	0.00
TRINITY_sp|Q9LUV|RH9	DEAD-box ATP-depend	54.60	0.00
TRINITY_sp|Q8W1|KIN14F	Kinesin-like protei	54.60	0.00
TRINITY_sp|Q9LD|ALAAT2	Alanine aminotransf	54.60	0.00
TRINITY_sp|P200|ATP2B1	Plasma membrane cal	54.50	0.00
TRINITY_sp|Q9EQ|Dpys	Dihydropyrimidinase	54.50	0.00
TRINITY_sp|Q8L6|SIN2	Short integuments 2	54.50	0.00
TRINITY_sp|P531|INO80	Putative DNA helica	54.50	0.00
TRINITY_sp|A0JN|KIF3C	Kinesin-like protei	54.50	0.00
TRINITY_sp|P163|Galphao	G protein alpha o s	54.50	0.00
TRINITY_sp|P130|acpB	F-actin-capping pro	54.50	0.00
TRINITY_sp|P433|snf	U1 small nuclear ri	54.50	0.00
TRINITY_sp|P607|RAC3	Ras-related C3 botu	54.50	0.00
TRINITY_sp|P026|FGB	Fibrinogen beta cha	54.50	0.00
TRINITY_sp|P428|LDJ2	DnaJ protein homolo	54.50	0.00
TRINITY_sp|Q7ZV|sirt2	NAD-dependent prote	54.50	0.00
TRINITY_sp|B1Y8|nuoA	NADH-quinone oxidor	54.50	0.00
TRINITY_sp|P0AF|ribC	Riboflavin synthase	54.50	0.00
TRINITY_sp|Q54B|idhB	Isocitrate dehydrog	54.50	0.00
TRINITY_sp|Q9W6|ube2ia	SUMO-conjugating en	54.50	0.00
TRINITY_sp|Q9C8|ABCC11	ABC transporter C f	54.50	0.00
TRINITY_sp|Q84V|FAD12	Delta(12)-acyl-lipi	54.50	0.00
TRINITY_sp|Q9WV|Cpq	Carboxypeptidase Q	54.50	0.00
TRINITY_sp|Q8L3|KAS	3-oxoacyl-[acyl-car	54.50	0.00
TRINITY_sp|Q8YN|gcvP	Glycine dehydrogena	54.50	0.00
TRINITY_sp|O803|RPL3	50S ribosomal prote	54.50	0.00
TRINITY_sp|P378|FES1	Cytochrome b-cl com	54.50	0.00
TRINITY_sp|Q099|yakc	Aldo-keto reductase	54.50	0.00
TRINITY_sp|Q9XZI-	Peroxisomal catalas	54.50	0.00
TRINITY_sp|Q6RF|rps-21	40S ribosomal prote	54.50	0.00
TRINITY_sp|Q243|Iswi	Chromatin-remodelin	54.50	0.00
TRINITY_sp|B0U6|rpsI	30S ribosomal prote	54.50	0.00
TRINITY_sp|Q3KQ|nubp1-A	Cytosolic Fe-S clus	54.50	0.00
TRINITY_sp|P539|Rab2a	Ras-related protein	54.50	0.00
TRINITY_sp|A7YW|HAL	Histidine ammonia-l	54.50	0.00
TRINITY_sp|Q86A|guaD	Guanine deaminase O	54.50	0.00
TRINITY_sp|Q9CA|YDA	Mitogen-activated p	54.50	0.00
TRINITY_sp|O748|esf1	Pre-rRNA-processing	54.50	0.00
TRINITY_sp|Q149|SHPRH	E3 ubiquitin-protei	54.50	0.00
TRINITY_sp|Q8RW|At3g266	Probable magnesium	54.50	0.00
TRINITY_sp|Q407|-	Putative glucose-6-	54.50	0.00
TRINITY_sp|P340|pkaC	cAMP-dependent prot	54.50	0.00
TRINITY_sp|Q9SQ|AMT1-3	Ammonium transporte	54.50	0.00
TRINITY_sp|Q631|Dnah1	Dynein heavy chain	54.50	0.00
TRINITY_sp|A2YQ|OsI_276	Pre-mRNA-splicing f	54.50	0.00
TRINITY_sp|Q395|ODA2	Dynein gamma chain,	54.50	0.00

TRINITY_sp|A6GY>dapF	Diaminopimelate epi	54.50	0.00
TRINITY_sp|P0DJ1RPL27	60S ribosomal prote	54.40	0.00
TRINITY_sp|Q631&Abcc2	Canalicular multisp	54.40	0.00
TRINITY_sp|Q54H&drkA	Probable serine/thr	54.40	0.00
TRINITY_sp|O763&dco	Discs overgrown pro	54.40	0.00
TRINITY_sp|Q6DJ&cars2	Probable cysteine--	54.40	0.00
TRINITY_sp|Q182&rap-1	Ras-related protein	54.40	0.00
TRINITY_sp|Q86K(DDB_G02	Probable GH family	54.40	0.00
TRINITY_sp|Q390&CKL11	Casein kinase 1-lik	54.40	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	54.40	0.00
TRINITY_sp|O075&yhdW	Putative glyceropho	54.40	0.00
TRINITY_sp|P361&-	Endoplasmin homolog	54.40	0.00
TRINITY_sp|Q99J&Mlycd	Malonyl-CoA decarbo	54.40	0.00
TRINITY_sp|B2GU&Man1b1	Endoplasmic reticul	54.40	0.00
TRINITY_sp|P103&ND6	NADH-ubiquinone oxi	54.40	0.00
TRINITY_sp|P072&URA2	Protein URA2 OS=Sac	54.40	0.00
TRINITY_sp|Q8WX&DNAH7	Dynein heavy chain	54.40	0.00
TRINITY_sp|P068&Myb	Transcriptional act	54.40	0.00
TRINITY_sp|P0DO&PpSQ1_0	(3-sulfolactaldehyde	54.40	0.00
TRINITY_sp|Q6FC&ACIAD12	Adenine deaminase O	54.40	0.00
TRINITY_sp|O750(mcm7	DNA replication lic	54.40	0.00
TRINITY_sp|Q55G(cpnD	Copine-D OS=Dictyos	54.40	0.00
TRINITY_sp|O5001PARP2	Poly [ADP-ribose] p	54.40	0.00
TRINITY_sp|Q8WX&DNAH7	Dynein heavy chain	54.40	0.00
TRINITY_sp|Q6CQ&TAR1-A	Protein TAR1 OS=Klu	54.40	0.00
TRINITY_sp|P5581sgaA	Serine--glyoxylate	54.40	0.00
TRINITY_sp|P118&-	High mobility group	54.40	0.00
TRINITY_sp|Q9HC&XAB2	Pre-mRNA-splicing f	54.40	0.00
TRINITY_sp|Q9UE&FTSJ1	Putative tRNA (cyti	54.40	0.00
TRINITY_sp|P048&-	Actin, cytoplasmic	54.40	0.00
TRINITY_sp|Q7NH&mnme	tRNA modification G	54.40	0.00
TRINITY_sp|Q55F&acrA	Adenylate cyclase,	54.40	0.00
TRINITY_sp|Q5FW1Tmem2	Transmembrane prote	54.40	0.00
TRINITY_sp|A8JF&CFAP65	Cilia- and flagella	54.40	0.00
TRINITY_sp|Q7SD&ccp-1	Cytochrome c peroxi	54.40	0.00
TRINITY_sp|P519&Nek1	Serine/threonine-pr	54.40	0.00
TRINITY_sp|O489&TATB	Sec-independent pro	54.40	0.00
TRINITY_sp|P785&FCA1	Cytosine deaminase	54.40	0.00
TRINITY_sp|Q5X3&mdnaJ	Chaperone protein D	54.40	0.00
TRINITY_sp|Q9VW&h(1)G01	Probable isocitrate	54.30	0.00
TRINITY_sp|P469&RPE1	Ribulose-phosphate	54.30	0.00
TRINITY_sp|Q131&PRKAA1	5'-AMP-activated pr	54.30	0.00
TRINITY_sp|Q54I&arpA	Centractin OS=Dicty	54.30	0.00
TRINITY_sp|Q32P&DYNLRB2	Dynein light chain	54.30	0.00
TRINITY_sp|P619&DCAF7	DDB1- and CUL4-asso	54.30	0.00
TRINITY_sp|Q007&glpV	Glycogen phosphoryl	54.30	0.00
TRINITY_sp|O308&HD_0322	RutC family protein	54.30	0.00
TRINITY_sp|O952&MBD4	Methyl-CpG-binding	54.30	0.00
TRINITY_sp|Q997&ABCA3	ATP-binding cassett	54.30	0.00
TRINITY_sp|Q9FM&RD21B	Probable cysteine p	54.30	0.00
TRINITY_sp|Q6C5&ERT1-1	Transcription activ	54.30	0.00
TRINITY_sp|P347&ARF	ADP-ribosylation fa	54.30	0.00
TRINITY_sp|P2961CDKA-2	Cyclin-dependent ki	54.30	0.00
TRINITY_sp|Q1ZX&fah	Fumarylacetoacetase	54.30	0.00
TRINITY_sp|O627&SCP2	Non-specific lipid-	54.30	0.00
TRINITY_sp|Q5ZK&METTL14	N6-adenosine-methyl	54.30	0.00

TRINITY_sp|D2GXMAGBL5	Cytosolic carboxype	54.30	0.00
TRINITY_sp|Q8YPVlysS	Lysine--tRNA ligase	54.30	0.00
TRINITY_sp|P3409pkac	cAMP-dependent prot	54.30	0.00
TRINITY_sp|Q338EGCN5	Histone acetyltrans	54.30	0.00
TRINITY_sp|O2324D2HGDH	D-2-hydroxyglutarat	54.30	0.00
TRINITY_sp|Q8WX9DNAH7	Dynein heavy chain	54.30	0.00
TRINITY_sp|Q5548slr0537	Uncharacterized sug	54.20	0.00
TRINITY_sp|P3410pkgC	Protein kinase 3 OS	54.20	0.00
TRINITY_sp|P0110(V-MYB	Transforming protei	54.20	0.00
TRINITY_sp|P0569sacC	Levanase OS=Bacillu	54.20	0.00
TRINITY_sp|Q8BV0Dpp9	Dipeptidyl peptidas	54.20	0.00
TRINITY_sp|Q7ZV9pitrm1	Presequence proteas	54.20	0.00
TRINITY_sp|Q9LI8RBG4	Glycine-rich RNA-bi	54.20	0.00
TRINITY_sp|Q68J4LIPE	Hormone-sensitive l	54.20	0.00
TRINITY_sp|Q9UT2nnt1	Protein N-methyltra	54.20	0.00
TRINITY_sp|Q54U0kif3	Kinesin-related pro	54.20	0.00
TRINITY_sp|O0417TAF10	Transcription initi	54.20	0.00
TRINITY_sp|P5490PROC1	Pyrroline-5-carboxy	54.20	0.00
TRINITY_sp|A0BQIGSPATT00	Probable protein ph	54.20	0.00
TRINITY_sp|O0469NOP5-1	Probable nucleolar	54.20	0.00
TRINITY_sp|Q9XY9spsA	Spermidine synthase	54.20	0.00
TRINITY_sp|P4281ATPK1	Serine/threonine-pr	54.20	0.00
TRINITY_sp|A8XJvcst-1	Serine/threonine-pr	54.20	0.00
TRINITY_sp|Q9LTFNMT1	Glycylpeptide N-tet	54.20	0.00
TRINITY_sp|P9WQ1treS	Trehalose synthase/	54.20	0.00
TRINITY_sp|Q54PVdph1	Diphthamide biosynt	54.20	0.00
TRINITY_sp|Q54M0gpt	Probable alanine am	54.20	0.00
TRINITY_sp|Q9NKVmfEA	Peroxisomal multifu	54.20	0.00
TRINITY_sp|Q9XF8LHCB5	Chlorophyll a-b bin	54.20	0.00
TRINITY_sp|Q5560rps30-1	40S ribosomal prote	54.20	0.00
TRINITY_sp|Q86JIsec11	Signal peptidase co	54.20	0.00
TRINITY_sp|P5460pkbA	RAC family serine/t	54.20	0.00
TRINITY_sp|Q5VQ0CPK2	Calcium-dependent p	54.20	0.00
TRINITY_sp|Q56J0RPL35A	60S ribosomal prote	54.20	0.00
TRINITY_sp|P4079Rac1	Ras-related protein	54.20	0.00
TRINITY_sp|Q67X0GLB3	Two-on-two hemoglob	54.20	0.00
TRINITY_sp|Q4301Os06g020	Asparagine syntheta	54.20	0.00
TRINITY_sp|Q9M27OVAL	Methionine--tRNA li	54.20	0.00
TRINITY_sp|Q8VY0PFK5	ATP-dependent 6-pho	54.20	0.00
TRINITY_sp|Q68R0IFT81	Intraflagellar tran	54.20	0.00
TRINITY_sp|Q8TA8RP9	Retinitis pigmentos	54.20	0.00
TRINITY_sp|Q9S70ISPL12	Squamosa promoter-b	54.20	0.00
TRINITY_sp|O4980(-	Glyoxysomal fatty a	54.20	0.00
TRINITY_sp|Q8L30FZR2	Protein FIZZY-RELAT	54.20	0.00
TRINITY_sp|P7274typA	GTP-binding protein	54.20	0.00
TRINITY_sp|Q9LJIPREP1	Presequence proteas	54.20	0.00
TRINITY_sp|W4VS0(-	Acetylcholinesteras	54.20	0.00
TRINITY_sp|P1098Act87E	Actin-87E OS=Drosop	54.20	0.00

TRINITY_sp|Q6I57SPL9	Squamosa promoter-b	54.20	0.00
TRINITY_sp|Q9I4FPA1195	N(G),N(G)-dimethyla	54.20	0.00
TRINITY_sp|Q5ZJ2FOPNL	LisH domain-contain	54.10	0.00
TRINITY_sp|Q54I2polr3b	DNA-directed RNA po	54.10	0.00
TRINITY_sp|A7HC6mutS	DNA mismatch repair	54.10	0.00
TRINITY_sp|Q8L32FZR2	Protein FIZZY-RELAT	54.10	0.00
TRINITY_sp|Q9UD3DNAJB4	DnaJ homolog subfam	54.10	0.00
TRINITY_sp|F4HW6POL2A	DNA polymerase epsi	54.10	0.00
TRINITY_sp|P7287dus2	tRNA-dihydrouridine	54.10	0.00
TRINITY_sp|P9191ola-1	Obg-like ATPase 1 O	54.10	0.00
TRINITY_sp|Q84JFAt2g3927	Probable adenylate	54.10	0.00
TRINITY_sp|Q8TD2CHD6	Chromodomain-helica	54.10	0.00
TRINITY_sp|O6084EIF5B	Eukaryotic translat	54.10	0.00
TRINITY_sp|Q8W4IDDL	FHA domain-containi	54.10	0.00
TRINITY_sp|P0025-	Ferredoxin-1 OS=Des	54.10	0.00
TRINITY_sp|Q8CIECopa	Coatomer subunit al	54.10	0.00
TRINITY_sp|Q949UPHL6	Myb family transcri	54.10	0.00
TRINITY_sp|P2366PREP	Prolyl endopeptidas	54.10	0.00
TRINITY_sp|Q1JP3farsa	Phenylalanine--tRNA	54.10	0.00
TRINITY_sp|Q9LN2TIM17-1	Mitochondrial impor	54.10	0.00
TRINITY_sp|Q54JIoxt1	Probable succinyl-C	54.10	0.00
TRINITY_sp|P2864CLKR27	3-oxoacyl-[acyl-car	54.10	0.00
TRINITY_sp|Q10R1Os03g015	DEAD-box ATP-depend	54.10	0.00
TRINITY_sp|B3Q16thim	Hydroxyethylthiazol	54.10	0.00
TRINITY_sp|Q0J03Os09g053	Pantothenate kinase	54.10	0.00
TRINITY_sp|O6057EIF4E2	Eukaryotic translat	54.10	0.00
TRINITY_sp|Q54KMrab11B	Ras-related protein	54.10	0.00
TRINITY_sp|Q964F-	Actin, cytoplasmic	54.10	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	54.10	0.00
TRINITY_sp|Q5XG2usp44-b	Ubiquitin carboxyl-	54.10	0.00
TRINITY_sp|Q0576THY-1	Bifunctional dihydr	54.10	0.00
TRINITY_sp|B6SE7MAA3	Probable helicase M	54.10	0.00
TRINITY_sp|Q9ZR6FH	Frataxin, mitochond	54.10	0.00
TRINITY_sp|Q680FAt4g3997	Haloacid dehalogena	54.10	0.00
TRINITY_sp|Q9XI7LACS2	Long chain acyl-CoA	54.00	0.00
TRINITY_sp|O9497TRIM37	E3 ubiquitin-protei	54.00	0.00
TRINITY_sp|P3036cdc25-1-M-phase inducer pho		54.00	0.00
TRINITY_sp|Q8WU7PPIL4	Peptidyl-prolyl cis	54.00	0.00
TRINITY_sp|Q9H0FINTS2	Integrator complex	54.00	0.00
TRINITY_sp|Q9VF6CG5038	Transmembrane and T	54.00	0.00
TRINITY_sp|B3RMI TRIADDR7	CDGSH iron-sulfur d	54.00	0.00
TRINITY_sp|P5584-	Probable 60S riboso	54.00	0.00
TRINITY_sp|F4JY6TCX7	Protein tesmin/TSO1	54.00	0.00
TRINITY_sp|Q8037sepsecs	O-phosphoseryl-tRNA	54.00	0.00
TRINITY_sp|Q6MD3tgt	Queuine tRNA-ribosy	54.00	0.00
TRINITY_sp|Q45F7-	Serine/threonine-pr	54.00	0.00
TRINITY_sp|O7722cata	Catalase-A OS=Dicty	54.00	0.00
TRINITY_sp|Q9FM6PI4KB1	Phosphatidylinosito	54.00	0.00
TRINITY_sp|P1608NIA1	Nitrate reductase [	54.00	0.00
TRINITY_sp|Q9W27CG15309	Protein yippee-like	54.00	0.00
TRINITY_sp|Q0886H1-I	Histone H1-I OS=Vol	54.00	0.00
TRINITY_sp|Q7YSVcanA	Calcineurin subunit	54.00	0.00
TRINITY_sp|Q552FpkgA	Probable serine/thr	54.00	0.00
TRINITY_sp|P5467patB	Probable plasma mem	54.00	0.00
TRINITY_sp|Q0862PUDP	Pseudouridine-5'-ph	54.00	0.00
TRINITY_sp|F1NTI ascc3	Activating signal c	54.00	0.00

TRINITY_sp|P4622-	Triosephosphate iso	54.00	0.00
TRINITY_sp|Q9261EDEM1	ER degradation-enha	54.00	0.00
TRINITY_sp|Q0445-	Glycine--tRNA ligas	54.00	0.00
TRINITY_sp|Q5KY4GK2103	UPF0317 protein GK2	54.00	0.00
TRINITY_sp|P8057aro-8	Phospho-2-dehydro-3	54.00	0.00
TRINITY_sp|Q9C4MgyaR	Glyoxylate reductas	54.00	0.00
TRINITY_sp|Q1469BMS1	Ribosome biogenesis	54.00	0.00
TRINITY_sp|P286(SYNPCC7	Uncharacterized pro	54.00	0.00
TRINITY_sp|P9364LON1	Lon protease homolo	54.00	0.00
TRINITY_sp|P8223RRF	Ribosome-recycling	54.00	0.00
TRINITY_sp|Q9LF9SMC5	Structural maintena	54.00	0.00
TRINITY_sp|Q6RCHIFT74	Intraflagellar tran	54.00	0.00
TRINITY_sp|Q9BV(KIFC3	Kinesin-like protei	54.00	0.00
TRINITY_sp|Q0WU(SBT6.1	Subtilisin-like pro	54.00	0.00
TRINITY_sp|Q2HJIDPH6	Diphthine--ammonia	54.00	0.00
TRINITY_sp|P2752LHCA4	Chlorophyll a-b bin	54.00	0.00
TRINITY_sp|P0DJ2RPL29	60S ribosomal prote	54.00	0.00
TRINITY_sp|O7012Abcb11	Bile salt export pu	53.90	0.00
TRINITY_sp|P2079rab8B	Ras-related protein	53.90	0.00
TRINITY_sp|P1959-	Probable reverse tr	53.90	0.00
TRINITY_sp|O8184PUMP1	Mitochondrial uncou	53.90	0.00
TRINITY_sp|Q9D84Tex9	Testis-expressed se	53.90	0.00
TRINITY_sp|Q96G2IMP4	U3 small nucleolar	53.90	0.00
TRINITY_sp|P2157VPS1	Vacuolar protein so	53.90	0.00
TRINITY_sp|Q8VDEAlg12	Dol-P-Man:Man(7)Glc	53.90	0.00
TRINITY_sp|P4779Gsr	Glutathione reducta	53.90	0.00
TRINITY_sp|Q54C7pdhA	Pyruvate dehydrogen	53.90	0.00
TRINITY_sp|Q4054NPK1	Mitogen-activated p	53.90	0.00
TRINITY_sp|Q3T0(CPROSC	Proline synthase co	53.90	0.00
TRINITY_sp|Q5E9IEIF2S2	Eukaryotic translat	53.90	0.00
TRINITY_sp|O2441RPN8A	26S proteasome non-	53.90	0.00
TRINITY_sp|O6112svkA	Serine/threonine-pr	53.90	0.00
TRINITY_sp|P5039GDI2	Rab GDP dissociatio	53.90	0.00
TRINITY_sp|Q9C81FAS4	ATP-dependent RNA h	53.90	0.00
TRINITY_sp|Q4253BCCP1	Biotin carboxyl car	53.90	0.00
TRINITY_sp|Q93Y1Atlg279	Probable pre-mRNA-s	53.90	0.00
TRINITY_sp|Q6128Abcd2	ATP-binding cassett	53.90	0.00
TRINITY_sp|Q74H5dnaJ	Chaperone protein D	53.90	0.00
TRINITY_sp|Q86AIDDB_G02	Probable myosin lig	53.90	0.00
TRINITY_sp|Q55D6dr1	Protein Dr1 homolog	53.90	0.00
TRINITY_sp|Q2PG(CSR	Serine racemase OS=	53.90	0.00
TRINITY_sp|Q9ZU3QPT	Nicotinate-nucleoti	53.90	0.00
TRINITY_sp|Q9M83SEC	Probable UDP-N-acet	53.90	0.00
TRINITY_sp|P7135HI_0568	Uncharacterized pro	53.90	0.00
TRINITY_sp|P1761PRKACA	cAMP-dependent prot	53.80	0.00
TRINITY_sp|P1243-	Actin A OS=Trypanos	53.80	0.00
TRINITY_sp|Q5PQ4-	Uncharacterized pro	53.80	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	53.80	0.00
TRINITY_sp|P5467pikB	Phosphatidylinosito	53.80	0.00
TRINITY_sp|P5195NEK3	Serine/threonine-pr	53.80	0.00
TRINITY_sp|Q0WQILTA3	Dihydrolipoyllysine	53.80	0.00
TRINITY_sp|Q3J58rplC	50S ribosomal prote	53.80	0.00
TRINITY_sp|F4JA7SKI2	DExH-box ATP-depend	53.80	0.00
TRINITY_sp|Q8R75prs	Ribose-phosphate py	53.80	0.00
TRINITY_sp|Q9FHIABC7	ABC transporter B f	53.80	0.00
TRINITY_sp|Q9P2FKIF17	Kinesin-like protei	53.80	0.00

TRINITY_sp|Q10P|ADIPOR3	Heptahelical transm	53.80	0.00
TRINITY_sp|Q9M8|FTSHI3	Probable inactive A	53.80	0.00
TRINITY_sp|Q2QP|VGK1	Guanylate kinase 1	53.80	0.00
TRINITY_sp|Q3SZ|IWDR18	WD repeat-containin	53.80	0.00
TRINITY_sp|Q6FR|GSP1	GTP-binding nuclear	53.80	0.00
TRINITY_sp|O7474|SPBC170	4,5-DOPA dioxygenas	53.80	0.00
TRINITY_sp|P132|LCP1	Digestive cysteine	53.80	0.00
TRINITY_sp|Q54E|EpnA	Epsin OS=Dictyostel	53.80	0.00
TRINITY_sp|P9374|NUDT23	Nudix hydrolase 23,	53.80	0.00
TRINITY_sp|P5481|cdc-48.1	Transitional endopl	53.80	0.00
TRINITY_sp|Q420|ABCC2	ABC transporter C f	53.80	0.00
TRINITY_sp|O4852|POLD2	DNA polymerase delt	53.80	0.00
TRINITY_sp|Q6ZR|DNAH12	Dynein heavy chain	53.80	0.00
TRINITY_sp|Q2TE|PCS2	Glutathione gamma-g	53.80	0.00
TRINITY_sp|A2RV|CdpH6	Diphthine--ammonia	53.80	0.00
TRINITY_sp|Q54W|metap1	Methionine aminopep	53.80	0.00
TRINITY_sp|Q8VY|ESP3	Pre-mRNA-splicing f	53.80	0.00
TRINITY_sp|Q1PD|SCL28	Serine/arginine-ric	53.80	0.00
TRINITY_sp|Q7XT|Os04g011	tRNA-dihydrouridine	53.80	0.00
TRINITY_sp|Q55E|nat10	RNA cytidine acetyl	53.80	0.00
TRINITY_sp|Q5F3|EFTUD2	116 kDa U5 small nu	53.80	0.00
TRINITY_sp|A8HM|FAP9	Intraflagellar tran	53.80	0.00
TRINITY_sp|P567|PSMD2	26S proteasome non-	53.80	0.00
TRINITY_sp|Q8NK|scon-3	E3 ubiquitin ligase	53.80	0.00
TRINITY_sp|Q7TM|Narf1	Cytosolic Fe-S clus	53.80	0.00
TRINITY_sp|Q2RB|Os11g011	Clathrin heavy chai	53.80	0.00
TRINITY_sp|A2XU|CDKG-2	Cyclin-dependent ki	53.70	0.00
TRINITY_sp|Q9SF|TIM14-2	Mitochondrial impor	53.70	0.00
TRINITY_sp|Q024|Sfri_36	Uncharacterized pro	53.70	0.00
TRINITY_sp|P0AB|elbB	Glyoxalase ElbB OS=	53.70	0.00
TRINITY_sp|Q9FK|LSM5	Sm-like protein LSM	53.70	0.00
TRINITY_sp|P092|-	Tubulin beta-1 chai	53.70	0.00
TRINITY_sp|P044|-	Calmodulin OS=Triti	53.70	0.00
TRINITY_sp|P322|rasS	Ras-like protein ra	53.70	0.00
TRINITY_sp|O808|MTACP2	Acyl carrier protei	53.70	0.00
TRINITY_sp|Q2RK|rsgA	Putative ribosome b	53.70	0.00
TRINITY_sp|Q6T3|Spata20	Spermatogenesis-ass	53.70	0.00
TRINITY_sp|Q9H4|WNK1	Serine/threonine-pr	53.70	0.00
TRINITY_sp|Q099|yakc	Aldo-keto reductase	53.70	0.00
TRINITY_sp|Q64J|PIMT2	Protein-L-isoaspart	53.70	0.00
TRINITY_sp|Q8HX|MUT	Methylmalonyl-CoA m	53.70	0.00
TRINITY_sp|Q479|-	L-sorbose 1-dehydro	53.70	0.00
TRINITY_sp|Q9C5|TIF3E1	Eukaryotic translat	53.70	0.00
TRINITY_sp|Q8EJ|vprpC	2-methylcitrate syn	53.70	0.00
TRINITY_sp|P356|RPL7A-1	60S ribosomal prote	53.70	0.00
TRINITY_sp|Q9HC|CPNE5	Copine-5 OS=Homo sa	53.70	0.00
TRINITY_sp|P629|RAC1	Ras-related C3 botu	53.70	0.00
TRINITY_sp|Q395|-	Dynein 18 kDa light	53.70	0.00
TRINITY_sp|Q9Y6|ARL5A	ADP-ribosylation fa	53.70	0.00
TRINITY_sp|Q5N8|ISPD	2-C-methyl-D-erythr	53.70	0.00
TRINITY_sp|D3ZA|Chd6	Chromodomain-helica	53.70	0.00
TRINITY_sp|Q8S2|ISPE	4-diphosphocytidyl-	53.70	0.00
TRINITY_sp|B8NY|Ibx1B	Probable exo-1,4-be	53.70	0.00
TRINITY_sp|P087|ND5	NADH-ubiquinone oxi	53.70	0.00
TRINITY_sp|Q86I|dst1	Serine/threonine-pr	53.70	0.00
TRINITY_sp|Q150|EFTUD2	116 kDa U5 small nu	53.70	0.00

TRINITY_sp|P5242GPDH	Glycerol-3-phosphat	53.70	0.00
TRINITY_sp|Q5539dfa1	Diflavin flavoprote	53.70	0.00
TRINITY_sp|A2XVIOsI_0160	DEAD-box ATP-depend	53.70	0.00
TRINITY_sp|C0SU7JMJ16	Putative lysine-spe	53.70	0.00
TRINITY_sp|P8716trz2	Ribonuclease Z 2, m	53.70	0.00
TRINITY_sp|Q94AN0OP	Organellar oligopep	53.60	0.00
TRINITY_sp|Q6Q19CYP57	Peptidyl-prolyl cis	53.60	0.00
TRINITY_sp|Q99K9Gak	Cyclin-G-associated	53.60	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	53.60	0.00
TRINITY_sp|Q6DG9supt4h1	Transcription elong	53.60	0.00
TRINITY_sp|Q9H59DHX35	Probable ATP-depend	53.60	0.00
TRINITY_sp|A71P9rp10	50S ribosomal prote	53.60	0.00
TRINITY_sp|O1839Rab6	Ras-related protein	53.60	0.00
TRINITY_sp|Q0320ced-10	Ras-related protein	53.60	0.00
TRINITY_sp|O0490UMK3	UMP-CMP kinase 3 OS	53.60	0.00
TRINITY_sp|Q9I8IMYO6	Unconventional myos	53.60	0.00
TRINITY_sp|Q84K1PP5	Serine/threonine-pr	53.60	0.00
TRINITY_sp|Q91X9DCXR	L-xylulose reductas	53.60	0.00
TRINITY_sp|Q9ZV9PAHX	Phytanoyl-CoA dioxy	53.60	0.00
TRINITY_sp|P7429gpx1	Hydroperoxy fatty a	53.60	0.00
TRINITY_sp|Q6I59CDKC-1	Cyclin-dependent ki	53.60	0.00
TRINITY_sp|Q7VG9rlmN	Dual-specificity RN	53.60	0.00
TRINITY_sp|P6009RPL7C	60S ribosomal prote	53.60	0.00
TRINITY_sp|O1411SPAC31G9	Uncharacterized AAA	53.60	0.00
TRINITY_sp|Q9LZ9ABCC14	ABC transporter C f	53.60	0.00
TRINITY_sp|Q54Q9DG1039	Probable ubiquitin	53.60	0.00
TRINITY_sp|Q9SJTGC1	Epimerase family pr	53.60	0.00
TRINITY_sp|Q9M89GLPK	Glycerol kinase OS=	53.60	0.00
TRINITY_sp|Q9M29HRH52	DEAD-box ATP-depend	53.60	0.00
TRINITY_sp|Q9SC9FKBP13	Peptidyl-prolyl cis	53.60	0.00
TRINITY_sp|Q9CA9IERF013	Ethylene-responsive	53.60	0.00
TRINITY_sp|Q6V59Znf474	Zinc finger protein	53.60	0.00
TRINITY_sp|Q5F39EFTUD2	116 kDa U5 small nu	53.60	0.00
TRINITY_sp|Q6FP9ICL1	Isocitrate lyase OS	53.60	0.00
TRINITY_sp|P2839RPA2	DNA-directed RNA po	53.60	0
TRINITY_sp|Q9FP9UBP12	Ubiquitin carboxyl-	53.60	0.00
TRINITY_sp|Q8W49VHA-a3	V-type proton ATPas	53.60	0.00
TRINITY_sp|Q0WV9MCM4	DNA replication lic	53.60	0.00
TRINITY_sp|C6E59rnhB	Ribonuclease HII OS	53.60	0.00
TRINITY_sp|Q5VQ9IOs01g017	DEAD-box ATP-depend	53.60	0.00
TRINITY_sp|P5199Nek1	Serine/threonine-pr	53.60	0.00
TRINITY_sp|A8JG9LIP1	Lipoyl synthase, mi	53.60	0.00
TRINITY_sp|Q8519GRXS7	Monothiol glutaredo	53.60	0.00
TRINITY_sp|Q9P29IDNAH1	Dynein heavy chain	53.60	0.00
TRINITY_sp|Q9ZV9At2g3871	Uncharacterized pro	53.50	0.00
TRINITY_sp|Q8BP9Fra10ac1	Protein FRA10AC1 ho	53.50	0.00
TRINITY_sp|Q6CU9SMP3	GPI mannosyltransfe	53.50	0.00
TRINITY_sp|Q9LP9RPN6	26S proteasome non-	53.50	0.00
TRINITY_sp|Q9UB9EMBD2	Methyl-CpG-binding	53.50	0.00
TRINITY_sp|B0T69EmnmG	tRNA uridine 5-carb	53.50	0.00
TRINITY_sp|Q1PF9CPK19	Calcium-dependent p	53.50	0.00
TRINITY_sp|Q68E9lagb15	Cytosolic carboxype	53.50	0.00
TRINITY_sp|P0519PRKACB	cAMP-dependent prot	53.50	0.00
TRINITY_sp|Q9239trp1	Multifunctional try	53.50	0.00
TRINITY_sp|B8AR9SRT1	NAD-dependent prote	53.50	0.00
TRINITY_sp|P4099Arf102F	ADP-ribosylation fa	53.50	0.00

TRINITY_sp|Q0PI1NAXE	NAD(P)H-hydrate epi	53.50	0.00
TRINITY_sp|P3894cat2	4-hydroxybutyrate c	53.50	0.00
TRINITY_sp|O8304pip	Probable proline im	53.50	0.00
TRINITY_sp|P5467patB	Probable plasma mem	53.50	0.00
TRINITY_sp|Q9SSAAt1g7296	Protein ROOT HAIR D	53.50	0.00
TRINITY_sp|Q80Z1Arl5a	ADP-ribosylation fa	53.50	0.00
TRINITY_sp|Q9SX2At1g6865	GDT1-like protein 5	53.50	0.00
TRINITY_sp|P4252erkA	Extracellular signa	53.50	0.00
TRINITY_sp|Q5971kata	Catalase OS=Pseudom	53.50	0.00
TRINITY_sp|Q4UJ1TA09515	U1 small nuclear ri	53.50	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	53.50	0.00
TRINITY_sp|P3283GSP1	GTP-binding nuclear	53.50	0.00
TRINITY_sp|Q9SF4PAH1	Phosphatidate phosph	53.50	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	53.50	0.00
TRINITY_sp|Q84V1STT7	Serine/threonine-pr	53.50	0.00
TRINITY_sp|Q16K1king-tuk	Protein king tubby	53.50	0.00
TRINITY_sp|B1KU6fabZ	3-hydroxyacyl-[acyl	53.50	0.00
TRINITY_sp|Q8BP7Fra10ac1	Protein FRA10AC1 ho	53.50	0.00
TRINITY_sp|Q9SR7TAF12	Transcription initi	53.50	0.00
TRINITY_sp|Q3960IDA4	28 kDa inner dynein	53.50	0.00
TRINITY_sp|A9CR6RAD25	Probable DNA repair	53.50	0.00
TRINITY_sp|Q55C7vps26	Vacuolar protein so	53.40	0.00
TRINITY_sp|Q29R1TBC1D31	TBC1 domain family	53.40	0.00
TRINITY_sp|Q9Y51PCYT1B	Choline-phosphate c	53.40	0.00
TRINITY_sp|Q8GW6COX11	Cytochrome c oxidas	53.40	0.00
TRINITY_sp|Q9C50At4g1783	Acetylornithine dea	53.40	0.00
TRINITY_sp|Q9FP1EDR1	Serine/threonine-pr	53.40	0.00
TRINITY_sp|O6480ACA7	Putative calcium-tr	53.40	0.00
TRINITY_sp|Q54S0haao	3-hydroxyanthranila	53.40	0.00
TRINITY_sp|P4935FPS	Farnesyl pyrophosph	53.40	0.00
TRINITY_sp|Q8WX0DNAH7	Dynein heavy chain	53.40	0.00
TRINITY_sp|Q3TI0Usp39	U4/U6.U5 tri-snRNP-	53.40	0.00
TRINITY_sp|P9805c3	Complement C3 (Frag	53.40	0.00
TRINITY_sp|P4664ASP2	Aspartate aminotran	53.40	0.00
TRINITY_sp|Q0992yakc	Aldo-keto reductase	53.40	0.00
TRINITY_sp|Q8W11SYN4	Sister chromatid co	53.40	0.00
TRINITY_sp|Q7Z01-	Temptin OS=Aplysia	53.40	0.00
TRINITY_sp|Q5SN5MPK8	Mitogen-activated p	53.40	0.00
TRINITY_sp|O6306SECY	Preprotein transloc	53.40	0.00
TRINITY_sp|Q2717DHC-8	Dynein heavy chain,	53.40	0.00
TRINITY_sp|O9600MOCS2	Molybdopterin synth	53.40	0.00
TRINITY_sp|Q69T0OPR3	Putative 12-oxophyt	53.40	0.00
TRINITY_sp|Q4054NPK1	Mitogen-activated p	53.40	0.00
TRINITY_sp|Q54I5smc6	Structural maintena	53.40	0.00
TRINITY_sp|P0545SUP35	Eukaryotic peptide	53.40	0.00
TRINITY_sp|O2324EMB1027	Arginine--tRNA liga	53.40	0.00
TRINITY_sp|Q8K01Acsm2	Acyl-coenzyme A syn	53.40	0.00
TRINITY_sp|Q2RA1CCDA1	Cytochrome c-type b	53.40	0.00
TRINITY_sp|P4896Slc25a4	ADP/ATP translocase	53.40	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	53.40	0.00
TRINITY_sp|Q0J03Os09g053	Pantothenate kinase	53.40	0.00
TRINITY_sp|Q9C60At1g5805	DExH-box ATP-depend	53.40	0.00
TRINITY_sp|Q29R1CHORDC1	Cysteine and histid	53.30	0.00
TRINITY_sp|Q1456DHX8	ATP-dependent RNA h	53.30	0.00
TRINITY_sp|Q9SS1INPS1	Inositol-3-phosphat	53.30	0.00
TRINITY_sp|Q3SY6DNAAF1	Dynein assembly fac	53.30	0.00

TRINITY_sp|Q9LY5At3g5589	Protein yippee-like	53.30	0.00
TRINITY_sp|Q54J1cnrN	Phosphatidylinosito	53.30	0.00
TRINITY_sp|A0A8Mlsm14a-a	Protein LSM14 homol	53.30	0.00
TRINITY_sp|P0705NCU06606	Cytochrome b-c1 com	53.30	0.00
TRINITY_sp|Q54Kncb1	Kynurenine--oxoglut	53.30	0.00
TRINITY_sp|A2WNFOsI_0138	Glucosidase 2 subun	53.30	0.00
TRINITY_sp|Q54M1sun2	SUN domain-containi	53.30	0.00
TRINITY_sp|Q3957YPTC6	Ras-related protein	53.30	0.00
TRINITY_sp|P3416fhkC	Probable serine/thr	53.30	0.00
TRINITY_sp|P3202Scp2	Non-specific lipid-	53.30	0.00
TRINITY_sp|Q32L1STOML2	Stomatin-like prote	53.30	0.00
TRINITY_sp|Q2RK7obg	GTPase Obg OS=Moore	53.30	0.00
TRINITY_sp|Q8VY6LTD	Protein LHCP TRANSL	53.30	0.00
TRINITY_sp|Q9ST1PYRR	Riboflavin biosynth	53.30	0.00
TRINITY_sp|P3915ywlC	Threonylcarbamoyl-A	53.30	0.00
TRINITY_sp|Q6121pcca-1	Propionyl-CoA carbo	53.30	0.00
TRINITY_sp|Q9P61end4	Endocytosis protein	53.30	0.00
TRINITY_sp|P0783PETF	Ferredoxin, chlorop	53.30	0.00
TRINITY_sp|Q75K2ncsA	Calcium-binding pro	53.30	0.00
TRINITY_sp|P3783Os01g076	Aspartate aminotran	53.30	0.00
TRINITY_sp|Q54R7DDB_G028	Delta-1-pyrroline-5	53.30	0.00
TRINITY_sp|Q8691pakB	Serine/threonine-pr	53.30	0.00
TRINITY_sp|Q9EQ1Ighmbp2	DNA-binding protein	53.30	0.00
TRINITY_sp|Q7KW6serS	Serine--tRNA ligase	53.30	0.00
TRINITY_sp|Q9LU4RH35	DEAD-box ATP-depend	53.30	0.00
TRINITY_sp|Q9C77RPN8B	26S proteasome non-	53.30	0.00
TRINITY_sp|Q31L4leuS	Leucine--tRNA ligas	53.30	0.00
TRINITY_sp|Q9XFFSR30	Serine/arginine-ric	53.30	0.00
TRINITY_sp|P4245cobA	Uroporphyrinogen-II	53.30	0.00
TRINITY_sp|Q9LY6RGLG2	E3 ubiquitin-protei	53.30	0.00
TRINITY_sp|Q32P4EML3	Echinoderm microtub	53.30	0.00
TRINITY_sp|Q6C31ALG13	UDP-N-acetylglucosa	53.30	0.00
TRINITY_sp|Q6NZ1Ptpdc1	Protein tyrosine ph	53.30	0.00
TRINITY_sp|Q2HJ6FAHD1	Acylpyruvase FAHD1,	53.30	0.00
TRINITY_sp|Q5VY6ECM29	Proteasome-associat	53.30	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	53.20	0.00
TRINITY_sp|O8176At4g3179	Probable diphthine	53.20	0.00
TRINITY_sp|A4I11zfp3612	mRNA decay activato	53.20	0.00
TRINITY_sp|Q9699RAB24	Ras-related protein	53.20	0.00
TRINITY_sp|Q4166ANT-G1	ADP,ATP carrier pro	53.20	0.00
TRINITY_sp|O2276At4g0258	NADH dehydrogenase	53.20	0.00
TRINITY_sp|O1544ABCC5	Multidrug resistanc	53.20	0.00
TRINITY_sp|Q9Y71set1	Histone-lysine N-me	53.20	0.00
TRINITY_sp|P1464Pde4b	cAMP-specific 3',5'	53.20	0.00
TRINITY_sp|Q11E1rlmN	Dual-specificity RN	53.20	0.00
TRINITY_sp|Q0AW6purH	Bifunctional purine	53.20	0.00
TRINITY_sp|Q54E1dtd	D-tyrosyl-tRNA(Tyr)	53.20	0.00
TRINITY_sp|Q9FI1SPP	Stromal processing	53.20	0.00
TRINITY_sp|A2XUVCDKG-2	Cyclin-dependent ki	53.20	0.00
TRINITY_sp|Q0P51ANKRD39	Ankyrin repeat doma	53.20	0.00
TRINITY_sp|Q5R87UBA5	Ubiquitin-like modi	53.20	0.00
TRINITY_sp|Q31L4proB	Glutamate 5-kinase	53.20	0.00
TRINITY_sp|Q55F6krsB	Serine/threonine-pr	53.20	0.00
TRINITY_sp|Q8VY6ORTH2	E3 ubiquitin-protei	53.20	0.00
TRINITY_sp|O0448UCH2	Ubiquitin carboxyl-	53.20	0.00
TRINITY_sp|Q99J7Taf11	Transcription initi	53.20	0.00

TRINITY_sp|Q55AfvatF	V-type proton ATPas	53.20	0.00
TRINITY_sp|A4IFFKCTD7	BTB/POZ domain-cont	53.20	0.00
TRINITY_sp|P3124RAD16	DNA repair protein	53.20	0.00
TRINITY_sp|Q5022fmdA	Formamidase OS=Meth	53.20	0.00
TRINITY_sp|Q54Kvcdk5rap1	CDK5RAP1-like prote	53.20	0.00
TRINITY_sp|B3EM2gata	Glutamyl-tRNA(Gln)	53.20	0.00
TRINITY_sp|D2XNCFLOT2	Flotillin-like prot	53.20	0.00
TRINITY_sp|Q7KRVCG1646	Pre-mRNA-processing	53.20	0.00
TRINITY_sp|P5099ada1	AMP deaminase OS=Sc	53.20	0.00
TRINITY_sp|Q8GY8SRX	Sulfiredoxin, chlor	53.20	0.00
TRINITY_sp|Q8YH2ndvA	Beta-(1-->2)glucan	53.20	0.00
TRINITY_sp|P4937XYL1	NAD(P)H-dependent D	53.10	0.00
TRINITY_sp|Q5XTYRPL17	60S ribosomal prote	53.10	0.00
TRINITY_sp|P1366HOM2	Aspartate-semialdeh	53.10	0.00
TRINITY_sp|Q94A2DLD	D-lactate dehydroge	53.10	0.00
TRINITY_sp|Q54D7drap1	Drl-associated core	53.10	0.00
TRINITY_sp|Q54F2mroh1	Maestro heat-like r	53.10	0.00
TRINITY_sp|Q8R75prs	Ribose-phosphate py	53.10	0.00
TRINITY_sp|Q9ST7ABCA7	ABC transporter A f	53.10	0.00
TRINITY_sp|Q8LPIABCA8	ABC transporter A f	53.10	0.00
TRINITY_sp|P4963-	Ubiquitin-60S ribos	53.10	0.00
TRINITY_sp|P4121Acsl1	Long-chain-fatty-ac	53.10	0.00
TRINITY_sp|Q72BEgluQ	Glutamyl-Q tRNA(Asp	53.10	0.00
TRINITY_sp|P3421rab-6.1	Ras-related protein	53.10	0.00
TRINITY_sp|O4931At2g3322	NADH dehydrogenase	53.10	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	53.10	0.00
TRINITY_sp|Q9C77RPN8B	26S proteasome non-	53.10	0.00
TRINITY_sp|P4627-	TATA-box-binding pr	53.10	0.00
TRINITY_sp|Q9SG7ABCB10	ABC transporter B f	53.10	0.00
TRINITY_sp|Q6PIVFIGNL1	Fidgetin-like prote	53.10	0.00
TRINITY_sp|P0DJ5RPL24	60S ribosomal prote	53.10	0.00
TRINITY_sp|Q9FGIRER1	Protein RETICULATA-	53.10	0.00
TRINITY_sp|Q8RW7TMN10	Transmembrane 9 sup	53.10	0.00
TRINITY_sp|Q5M72At1g5422	Dihydrolipoyllysine	53.10	0.00
TRINITY_sp|A3DJFpckG	Phosphoenolpyruvate	53.10	0.00
TRINITY_sp|Q4R64BBS5	Bardet-Biedl syndro	53.10	0.00
TRINITY_sp|Q55A2dlpC	Dynammin-like protei	53.10	0.00
TRINITY_sp|Q9632ACX4	Acyl-coenzyme A oxi	53.10	0.00
TRINITY_sp|Q54Y8DDB_G027	DNA-binding protein	53.10	0.00
TRINITY_sp|O8084CPFTSY	Cell division prote	53.10	0.00
TRINITY_sp|D7SFHRLK10L-2	Protein SUPPRESSOR	53.10	0.00
TRINITY_sp|Q7X28clpB	Chaperone protein C	53.10	0.00
TRINITY_sp|Q014(SBE1	1,4-alpha-glucan-br	53.10	0.00
TRINITY_sp|Q9SU1PSAK	Photosystem I react	53.10	0.00
TRINITY_sp|Q56Y1At5g5877	Dehydrolipoyllysine	53.00	0.00
TRINITY_sp|A8PT(DUS3	tRNA-dihydrouridine	53.00	0.00
TRINITY_sp|Q1WC(Cript	Cysteine-rich PDZ-b	53.00	0.00
TRINITY_sp|P4548ftsZ2	Cell division prote	53.00	0.00
TRINITY_sp|A8K2(A2ML1	Alpha-2-macroglobul	53.00	0.00
TRINITY_sp|Q54I7cox19	Cytochrome c oxidas	53.00	0.00
TRINITY_sp|Q6P9(hagh	Hydroxyacylglutathi	53.00	0.00
TRINITY_sp|Q4WVfspb1	AdoMet-dependent rR	53.00	0.00
TRINITY_sp|Q8BM(Flat	Dihydrolipoyllysine	53.00	0.00
TRINITY_sp|Q9LZ5RPL36C	60S ribosomal prote	53.00	0.00
TRINITY_sp|Q86I7dst1	Serine/threonine-pr	53.00	0.00
TRINITY_sp|Q5ZIVPEO1	Twinkle protein, mi	53.00	0.00

TRINITY_sp|P52921khA	Leukotriene A-4 hyd	53.00	0.00
TRINITY_sp|Q9C5FAt5g06292	-Cys peroxiredoxin	53.00	0.00
TRINITY_sp|Q94A(STR6	Rhodanese-like doma	53.00	0.00
TRINITY_sp|Q9HG)-	Histone H2A OS=Agar	53.00	0.00
TRINITY_sp|A8J6)CFAP221	Cilia- and flagella	53.00	0.00
TRINITY_sp|Q54DEpsenB	Presenilin-B OS=Dic	53.00	0.00
TRINITY_sp|P931(PF20	Flagellar WD repeat	53.00	0.00
TRINITY_sp|O154)ABCC4	Multidrug resistanc	53.00	0.00
TRINITY_sp|A8J1)CFAP44	Cilia- and flagella	53.00	0
TRINITY_sp|Q101)SPAC26A3	Hydrolase C26A3.11	53.00	0.00
TRINITY_sp|Q396(IDA4	28 kDa inner dynein	53.00	0.00
TRINITY_sp|P0AF4yjbQ	UPF0047 protein Yjb	53.00	0.00
TRINITY_sp|Q6NYI)gpt21	Alanine aminotransf	52.90	0.00
TRINITY_sp|Q059)RAB1A	Ras-related protein	52.90	0.00
TRINITY_sp|Q9D1)Fam96b	Mitotic spindle-ass	52.90	0.00
TRINITY_sp|Q8NC)DYNC2H1	Cytoplasmic dynein	52.90	0.00
TRINITY_sp|P490)-	Cytochrome b5 OS=Ni	52.90	0.00
TRINITY_sp|Q428)GLX1	Lactoylglutathione	52.90	0.00
TRINITY_sp|Q5A5)NIK1	Histidine protein k	52.90	0.00
TRINITY_sp|Q9FF)NFXL2	NF-X1-type zinc fin	52.90	0.00
TRINITY_sp|Q6CD)BNA5	Kynureninase OS=Yar	52.90	0.00
TRINITY_sp|Q2KI)IDNAL1	Dynein light chain	52.90	0.00
TRINITY_sp|Q820)serC	Phosphoserine amino	52.90	0.00
TRINITY_sp|Q9CP)Mgst3	Microsomal glutathi	52.90	0.00
TRINITY_sp|B8G6)panC	Pantothenate synthe	52.90	0.00
TRINITY_sp|Q86H)polr1a	DNA-directed RNA po	52.90	0.00
TRINITY_sp|Q6F9)ung	Uracil-DNA glycosyl	52.90	0.00
TRINITY_sp|O948)ATP10B	Probable phospholip	52.90	0.00
TRINITY_sp|O221)GCP1	Probable tRNA N6-ad	52.90	0.00
TRINITY_sp|P736)trpS	Tryptophan--tRNA li	52.90	0.00
TRINITY_sp|P435(cpr-4	Cathepsin B-like cy	52.90	0.00
TRINITY_sp|Q1ED)nr2c2ap	Nuclear receptor 2C	52.90	0.00
TRINITY_sp|Q050)TRI1	Protein TRI1 OS=Sac	52.90	0.00
TRINITY_sp|A2YX(SPL15	Squamosa promoter-b	52.90	0.00
TRINITY_sp|Q502)cyb5r4	Cytochrome b5 reduc	52.90	0.00
TRINITY_sp|C6DI)tatD	3'-5' ssDNA/RNA exo	52.90	0.00
TRINITY_sp|F4HT)SAMC2	Probable S-adenosyl	52.90	0.00
TRINITY_sp|Q7KW)iuNH	Inosine-uridine-pre	52.90	0.00
TRINITY_sp|Q9SB)AP4M	AP-4 complex subuni	52.90	0.00
TRINITY_sp|Q6L4)DBB1	DNA damage-binding	52.90	0.00
TRINITY_sp|P427)UBC5	Ubiquitin-conjugati	52.90	0.00
TRINITY_sp|Q940)KIN13B	Kinesin-like protei	52.90	0.00
TRINITY_sp|Q54Q)impdh	Inosine-5'-monophos	52.90	0.00
TRINITY_sp|Q7G1)AAO1	Indole-3-acetaldehy	52.90	0.00
TRINITY_sp|B9MJ)mutS	DNA mismatch repair	52.90	0.00
TRINITY_sp|Q9SA)MRS2-10	Magnesium transport	52.90	0.00
TRINITY_sp|Q7DN)Cht2	Chitinase 2 OS=Oryz	52.90	0.00
TRINITY_sp|Q55CI)DDB_G02	Probable NADH dehyd	52.90	0.00
TRINITY_sp|Q2751)cyp-13A4	Putative cytochrome	52.90	0.00
TRINITY_sp|P614)thiDE	Thiamine biosynthes	52.90	0.00
TRINITY_sp|Q54V)abcC2	ABC transporter C f	52.90	0.00
TRINITY_sp|A0Q1)fdnaJ	Chaperone protein D	52.90	0.00
TRINITY_sp|P9301)rps5	30S ribosomal prote	52.90	0.00
TRINITY_sp|Q7SY)slc44a2	Choline transporter	52.90	0.00
TRINITY_sp|Q9SB(PHR1	Deoxyribodipyrimidi	52.90	0.00
TRINITY_sp|Q8L6)SEC31B	Protein transport p	52.90	0.00

TRINITY_sp|Q54IFragA	Ras-related GTP-bin	52.90	0.00
TRINITY_sp|Q9JJ5Abcb9	ATP-binding cassett	52.90	0.00
TRINITY_sp|Q1339TARBP1	Probable methyltran	52.90	0.00
TRINITY_sp|Q5SNN0s06g017	Zinc finger CCCH do	52.90	0.00
TRINITY_sp|Q2756psmA1	Proteasome subunit	52.90	0.00
TRINITY_sp|Q9Y39DHRS7	Dehydrogenase/reduc	52.90	0.00
TRINITY_sp|Q4326PCNA	Proliferating cell	52.90	0.00
TRINITY_sp|Q4054NPK1	Mitogen-activated p	52.80	0.00
TRINITY_sp|Q5A59NIK1	Histidine protein k	52.80	0.00
TRINITY_sp|P3245GBP1	Guanylate-binding p	52.80	0.00
TRINITY_sp|Q3956ODA4	Dynein beta chain,	52.80	0.00
TRINITY_sp|Q9NEVrsp-3	Probable splicing f	52.80	0.00
TRINITY_sp|Q69K5HAL3	Phosphopantothenoyl	52.80	0.00
TRINITY_sp|Q1703Cdc42	Cdc42 homolog OS=An	52.80	0.00
TRINITY_sp|Q9FKIABCA11	ABC transporter A f	52.80	0.00
TRINITY_sp|Q9NR2DYRK4	Dual specificity ty	52.80	0.00
TRINITY_sp|Q9SS9RGLG1	E3 ubiquitin-protei	52.80	0.00
TRINITY_sp|A6QR4RAB6B	Ras-related protein	52.80	0.00
TRINITY_sp|Q9C56PFK7	ATP-dependent 6-pho	52.80	0.00
TRINITY_sp|Q9LTVRD21C	Probable cysteine p	52.80	0.00
TRINITY_sp|P1511efbA	Elongation factor 2	52.80	0.00
TRINITY_sp|Q0WW2At4g3445	Coatomer subunit ga	52.80	0.00
TRINITY_sp|Q0825CRYZ	Quinone oxidoreduct	52.80	0.00
TRINITY_sp|Q7DLFPBG1	Proteasome subunit	52.80	0.00
TRINITY_sp|Q1414DHX34	Probable ATP-depend	52.80	0.00
TRINITY_sp|P2361WARS	Tryptophan--tRNA li	52.80	0.00
TRINITY_sp|Q95URab7a	Ras-related protein	52.80	0.00
TRINITY_sp|B4FHU-	15-cis-zeta-caroten	52.80	0.00
TRINITY_sp|G0SEVRLI1	Translation initiat	52.80	0.00
TRINITY_sp|Q8L35FZR2	Protein FIZZY-RELAT	52.80	0.00
TRINITY_sp|Q8CF6Aqr	Intron-binding prot	52.80	0.00
TRINITY_sp|F4IM6At2g0113	DExH-box ATP-depend	52.80	0.00
TRINITY_sp|Q9ZTNERD2	ER lumen protein-re	52.80	0.00
TRINITY_sp|Q7T37rab13	Ras-related protein	52.80	0.00
TRINITY_sp|Q9SE9-	Methylenetetrahydro	52.80	0.00
TRINITY_sp|Q54V6isca1	Iron-sulfur cluster	52.80	0.00
TRINITY_sp|O9546ZFYVE9	Zinc finger FYVE do	52.80	0.00
TRINITY_sp|Q1RJUicd	Isocitrate dehydrog	52.80	0.00
TRINITY_sp|Q54S9nvl	Putative ribosome b	52.80	0.00
TRINITY_sp|Q9FMFRD21B	Probable cysteine p	52.80	0.00
TRINITY_sp|Q9FY7BCAT5	Branched-chain-amin	52.80	0.00
TRINITY_sp|Q9LY6AK1	Aspartokinase 1, ch	52.80	0.00
TRINITY_sp|Q9WX6rbpE	Putative RNA-bindin	52.80	0.00
TRINITY_sp|Q8H16TL20.3	Thylakoid lumenal p	52.80	0.00
TRINITY_sp|P0565-	Myosin-2 heavy chai	52.80	0.00
TRINITY_sp|P5366-	Actin OS=Phaffia rh	52.80	0.00
TRINITY_sp|A8MS6LPD1	Dihydrolipoyl dehyd	52.80	0.00
TRINITY_sp|Q9SF4PAH1	Phosphatidate phosp	52.80	0.00
TRINITY_sp|Q8W13PK	Pyridoxal kinase OS	52.80	0.00
TRINITY_sp|Q9P22DNAH2	Dynein heavy chain	52.80	0.00
TRINITY_sp|Q9FIFAt5g4772	Probable acetyl-CoA	52.80	0.00
TRINITY_sp|Q6AUVXDH	Xanthine dehydrogen	52.80	0
TRINITY_sp|Q9M86DSPTP1B	Dual specificity pr	52.70	0.00
TRINITY_sp|P5337NUDT6	Nucleoside diphosph	52.70	0.00
TRINITY_sp|Q9SK6ABCC13	ABC transporter C f	52.70	0.00
TRINITY_sp|Q9ZRICAD	Probable mannitol d	52.70	0.00

TRINITY_sp|Q5U25usp47	Ubiquitin carboxyl-	52.70	0.00
TRINITY_sp|Q9M8FDJ1D	Protein DJ-1 homolo	52.70	0.00
TRINITY_sp|Q10Q4Os03g021	Putative cysteine p	52.70	0.00
TRINITY_sp|Q8BYRdh12	Retinol dehydrogena	52.70	0.00
TRINITY_sp|Q86Kfhit	Bis(5'-adenosyl)-tr	52.70	0.00
TRINITY_sp|Q0VF\kctd7	BTB/POZ domain-cont	52.70	0.00
TRINITY_sp|Q9NR3DDX21	Nucleolar RNA helic	52.70	0.00
TRINITY_sp|Q9LV(BOB1	Protein BOBBER 1 OS	52.70	0.00
TRINITY_sp|O6095lime	LIM domain-containi	52.70	0.00
TRINITY_sp|Q54Y(ctrappc5	Trafficking protein	52.70	0.00
TRINITY_sp|Q32P1MPZL1	Myelin protein zero	52.70	0.00
TRINITY_sp|O356(Abca4	Retinal-specific AT	52.70	0.00
TRINITY_sp|P094(snrnp70	U1 small nuclear ri	52.70	0.00
TRINITY_sp|P0477-	Glutamine synthetas	52.70	0.00
TRINITY_sp|Q640\tatdn1	Putative deoxyribon	52.70	0.00
TRINITY_sp|P7905rhp16	ATP-dependent helic	52.70	0.00
TRINITY_sp|Q1DD\kynU	Kynureninase OS=Myx	52.70	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	52.70	0.00
TRINITY_sp|Q3SZ7PMPCB	Mitochondrial-proce	52.70	0.00
TRINITY_sp|P4075Rac1	Ras-related protein	52.70	0.00
TRINITY_sp|Q1656CAMK4	Calcium/calmodulin-	52.70	0.00
TRINITY_sp|P2976-	60S acidic ribosoma	52.70	0.00
TRINITY_sp|Q52R(SPL	Sphingosine-1-phosp	52.70	0.00
TRINITY_sp|Q9C58RFC1	Replication factor	52.70	0.00
TRINITY_sp|P1148TUBB1	Tubulin beta chain	52.70	0.00
TRINITY_sp|Q8GY5At2g4324	CMP-sialic acid tra	52.70	0.00
TRINITY_sp|O8105NRPB8A	DNA-directed RNA po	52.70	0.00
TRINITY_sp|Q1907pho-1	Intestinal acid pho	52.70	0.00
TRINITY_sp|O9598TOP3B	DNA topoisomerase 3	52.70	0.00
TRINITY_sp|Q9LUMRAP2-2	Ethylene-responsive	52.70	0.00
TRINITY_sp|Q9NW2UCKL1	Uridine-cytidine ki	52.70	0.00
TRINITY_sp|P5435eas	Ethanolamine kinase	52.70	0.00
TRINITY_sp|Q8VY1HCC1	Protein SCO1 homolo	52.70	0.00
TRINITY_sp|O6455STR1	Thiosulfate/3-merca	52.70	0.00
TRINITY_sp|A7HT6rpmA	50S ribosomal prote	52.70	0.00
TRINITY_sp|P9655gtfB	Vancomycin aglycone	52.70	0.00
TRINITY_sp|Q0276RPL24	50S ribosomal prote	52.70	0.00
TRINITY_sp|P0DJ5RPL6	60S ribosomal prote	52.70	0.00
TRINITY_sp|Q2HJ5FAHD1	Acylpyruvase FAHD1,	52.60	0.00
TRINITY_sp|O8051CYCU4-1	Cyclin-U4-1 OS=Arab	52.60	0.00
TRINITY_sp|Q9FV7E2FC	Transcription facto	52.60	0.00
TRINITY_sp|Q6PH6hpx	Hemopexin OS=Danio	52.60	0.00
TRINITY_sp|Q54R2DDB_G028	Probable serine/thr	52.60	0.00
TRINITY_sp|Q2101kin-29	Serine/threonine-pr	52.60	0.00
TRINITY_sp|P5181PRKX	cAMP-dependent prot	52.60	0.00
TRINITY_sp|Q86A5erh	Enhancer of rudimen	52.60	0.00
TRINITY_sp|Q9UF1CNOT8	CCR4-NOT transcript	52.60	0.00
TRINITY_sp|Q7107spp2	Secreted phosphopro	52.60	0.00
TRINITY_sp|Q8RX7NDK4	Nucleoside diphosph	52.60	0.00
TRINITY_sp|Q5KW7dnaJ	Chaperone protein D	52.60	0.00
TRINITY_sp|Q23M1Tt116a	Probable beta-tubul	52.60	0.00
TRINITY_sp|Q23F1TTLL3C	Tubulin glycyclase 3	52.60	0.00
TRINITY_sp|P3866RPL24B	60S ribosomal prote	52.60	0.00
TRINITY_sp|Q86G1Cys	Crustapain OS=Panda	52.60	0.00
TRINITY_sp|A9WS6glpK	Glycerol kinase OS=	52.60	0.00
TRINITY_sp|Q99J6Rfc4	Replication factor	52.60	0.00

TRINITY_sp|Q54HFsrr	Probable serine rac	52.60	0.00
TRINITY_sp|Q86I\DDDB_G027	PH domain-contains	52.60	0.00
TRINITY_sp|Q9R1sB9d1	B9 domain-contains	52.60	0.00
TRINITY_sp|Q54FIetfa	Electron transfer f	52.60	0.00
TRINITY_sp|P470\VTC4	Vacuolar transporte	52.60	0.00
TRINITY_sp|Q54E4haox	Hydroxyacid oxidase	52.60	0.00
TRINITY_sp|Q6F3\CPK10	Calcium-dependent p	52.60	0.00
TRINITY_sp|Q6EE\CCT8	T-complex protein 1	52.60	0.00
TRINITY_sp|O2331NFYB3	Nuclear transcripti	52.60	0.00
TRINITY_sp|Q869\pakF	Serine/threonine-pr	52.60	0.00
TRINITY_sp|Q9C6\ABCG14	ABC transporter G f	52.60	0.00
TRINITY_sp|Q6EV\FBM	ATP-dependent helic	52.60	0.00
TRINITY_sp|A2C4\crnz	Ribonuclease Z OS=P	52.60	0.00
TRINITY_sp|Q5KQ\CAX2	Vacuolar cation/pro	52.60	0.00
TRINITY_sp|P1824-	Tubulin beta-1 chai	52.60	0.00
TRINITY_sp|H3JU\SGT1	Peptidyl serine alp	52.60	0.00
TRINITY_sp|O244\RABE1A	Ras-related protein	52.60	0.00
TRINITY_sp|O818\LGALDH	L-galactose dehydro	52.60	0.00
TRINITY_sp|Q8IQ\CG5021	Uncharacterized Gol	52.60	0.00
TRINITY_sp|Q9FG\KCS20	3-ketoacyl-CoA synt	52.60	0.00
TRINITY_sp|B1WV\hemE	Uroporphyrinogen de	52.60	0.00
TRINITY_sp|P286\SYNPCC70	Uncharacterized pro	52.60	0.00
TRINITY_sp|Q6ZM\KIF6	Kinesin-like protei	52.60	0.00
TRINITY_sp|Q7ZX\Inle1	Notchless protein h	52.60	0.00
TRINITY_sp|P107\sevA	Severin OS=Dictyost	52.60	0.00
TRINITY_sp|Q6DI\ublcpl	Ubiquitin-like doma	52.60	0.00
TRINITY_sp|Q6P7\mak16	Protein MAK16 homol	52.60	0.00
TRINITY_sp|Q9FL\AGD5	Probable ADP-ribosy	52.60	0.00
TRINITY_sp|Q0WL\UGGT	UDP-glucose:glycopr	52.60	0.00
TRINITY_sp|Q9UT\SPAC1093	Putative CCA tRNA n	52.50	0.00
TRINITY_sp|Q5ZI\IXRN2	5'-3' exoribonuclea	52.50	0.00
TRINITY_sp|Q9ST\ICEP2	KDEL-tailed cystein	52.50	0.00
TRINITY_sp|Q5ZI\TBCD	Tubulin-specific ch	52.50	0.00
TRINITY_sp|Q86C\tor	Target of rapamycin	52.50	0.00
TRINITY_sp|Q54Y\DDDB_G027	DNA-binding protein	52.50	0.00
TRINITY_sp|A8P5\HAMPP	Probable Xaa-Pro am	52.50	0.00
TRINITY_sp|Q9LT\At3g1280	Peroxisomal 2,4-die	52.50	0.00
TRINITY_sp|Q079\PAM18	Mitochondrial impor	52.50	0.00
TRINITY_sp|O026\HSD17B10	(3-hydroxyacyl-CoA d	52.50	0.00
TRINITY_sp|Q4IA\CYM1	Mitochondrial prese	52.50	0.00
TRINITY_sp|Q54W\ccdc94	Coiled-coil domain-	52.50	0.00
TRINITY_sp|Q86A\mcfX	Mitochondrial subst	52.50	0.00
TRINITY_sp|B4JH\IGH18624	Lateral signaling t	52.50	0.00
TRINITY_sp|Q54Q\lig3	DNA ligase 3 OS=Dic	52.50	0.00
TRINITY_sp|B1LX\apaG	Protein ApaG OS=Met	52.50	0.00
TRINITY_sp|Q5Z8\Os06g071	RNA pseudouridine s	52.50	0.00
TRINITY_sp|Q6DR\ric8b	Synembryn-B OS=Dani	52.50	0.00
TRINITY_sp|B7LS\treF	Cytoplasmic trehala	52.50	0.00
TRINITY_sp|F4KG\FBA4	Fructose-bisphospha	52.50	0.00
TRINITY_sp|Q4U4\Xirp2	Xin actin-binding r	52.50	0.00
TRINITY_sp|Q9FK\RABA1C	Ras-related protein	52.50	0.00
TRINITY_sp|Q9NE\pph-5	Serine/threonine-pr	52.50	0.00
TRINITY_sp|P511\apeA	DNA-(apurinic or ap	52.50	0.00
TRINITY_sp|Q9SK\At2g3204	Folate-biopterin tr	52.50	0.00
TRINITY_sp|O784\ycf19	Uncharacterized pro	52.50	0.00
TRINITY_sp|P0C8\CCRP1	Probable serine/thr	52.50	0.00

TRINITY_sp|P5503RPN10	26S proteasome non-	52.50	0.00
TRINITY_sp|Q54DIamdA	AMP deaminase OS=Di	52.50	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	52.50	0.00
TRINITY_sp|Q8VX3UAH	Ureidoglycolate hyd	52.50	0.00
TRINITY_sp|Q5ZK1DPH2	Diphthamide biosynt	52.50	0.00
TRINITY_sp|Q9C8(LCV2	Protein LIKE COV 2	52.50	0.00
TRINITY_sp|O949(PRPF6	Pre-mRNA-processing	52.50	0.00
TRINITY_sp|Q3TX3Psmd1	26S proteasome non-	52.50	0.00
TRINITY_sp|Q53N1Os11g013	Probable NAD kinase	52.50	0.00
TRINITY_sp|Q5ZK(SUB1	Activated RNA polym	52.50	0.00
TRINITY_sp|Q0074Mdr65	Multidrug resistanc	52.50	0.00
TRINITY_sp|Q9DA7Exosc1	Exosome complex com	52.50	0.00
TRINITY_sp|Q2HJFUSP15	Ubiquitin carboxyl-	52.50	0.00
TRINITY_sp|Q8DG3rlmN	Probable dual-speci	52.50	0.00
TRINITY_sp|Q9LY8RGLG2	E3 ubiquitin-protei	52.50	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	52.50	0.00
TRINITY_sp|P2082pol	Retrovirus-related	52.50	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	52.50	0.00
TRINITY_sp|P3412psmA7	Proteasome subunit	52.50	0.00
TRINITY_sp|Q9C5\TOP6B	DNA topoisomerase 6	52.50	0.00
TRINITY_sp|Q0VC7SAMHD1	Deoxynucleoside tri	52.50	0.00
TRINITY_sp|Q9LFFVAMP713	Vesicle-associated	52.50	0.00
TRINITY_sp|A5DQFACT1	Actin OS=Meyerozyma	52.50	0.00
TRINITY_sp|O2204ANP3	Mitogen-activated p	52.40	0.00
TRINITY_sp|Q8ML2pdeD	cGMP-dependent 3',5	52.40	0.00
TRINITY_sp|O3594Nek2	Serine/threonine-pr	52.40	0.00
TRINITY_sp|Q7ZW2alg11	GDP-Man:Man(3)GlcNA	52.40	0.00
TRINITY_sp|P1896YPK2	Serine/threonine-pr	52.40	0.00
TRINITY_sp|Q5VV4CDKAL1	Threonylcarbamoylad	52.40	0.00
TRINITY_sp|Q9MB5FKFBP	6-phosphofructo-2-k	52.40	0.00
TRINITY_sp|Q9M81DSPTP1B	Dual specificity pr	52.40	0.00
TRINITY_sp|O8188LGALDH	L-galactose dehydro	52.40	0.00
TRINITY_sp|Q0992yakc	Aldo-keto reductase	52.40	0.00
TRINITY_sp|E9PU1Abca17	ATP-binding cassett	52.40	0.00
TRINITY_sp|P2801AAT-1	Aspartate aminotran	52.40	0.00
TRINITY_sp|Q1EB3DBP4	ATP-dependent RNA h	52.40	0.00
TRINITY_sp|Q8LDFCYP23	Peptidyl-prolyl cis	52.40	0.00
TRINITY_sp|Q4047ERF4	Ethylene-responsive	52.40	0.00
TRINITY_sp|Q6PFIndor1	NADPH-dependent dif	52.40	0.00
TRINITY_sp|F4KF\At5g3984	DEXH-box ATP-depend	52.40	0.00
TRINITY_sp|B7KH1PCC7424	Nucleoid-associated	52.40	0.00
TRINITY_sp|A7YE3ttc30a	Tetratricopeptide r	52.40	0.00
TRINITY_sp|Q8SK1TIC62	Protein TIC 62, chl	52.40	0.00
TRINITY_sp|Q9ZUICKL5	Casein kinase 1-lik	52.40	0.00
TRINITY_sp|P4333At1g0976	U2 small nuclear ri	52.40	0.00
TRINITY_sp|A81C3CFAP46	Cilia- and flagella	52.40	0.00
TRINITY_sp|Q8WX3DNAH7	Dynein heavy chain	52.40	0.00
TRINITY_sp|O0858Gtpbp1	GTP-binding protein	52.40	0.00
TRINITY_sp|Q9SV(ASAT1	Acyl-CoA--sterol O-	52.40	0.00
TRINITY_sp|Q7TX1ppsB	Phthiocerol/phenolp	52.40	0.00
TRINITY_sp|Q8S61ACC1	Acetyl-CoA carboxyl	52.40	0.00
TRINITY_sp|Q0HA3Ttc21b	Tetratricopeptide r	52.40	0.00
TRINITY_sp|Q5FG3dnaJ	Chaperone protein D	52.40	0.00
TRINITY_sp|Q1K9(SPAC167	Probable E3 ubiquit	52.40	0.00
TRINITY_sp|Q8IU8CAMK1D	Calcium/calmodulin-	52.40	0.00
TRINITY_sp|Q54Y3DDB_G02	DNA-binding protein	52.40	0.00

TRINITY_sp|B6SF7MAA3	Probable helicase M	52.40	0.00
TRINITY_sp|Q7T3Ekyat3	Kynurenine--oxoglut	52.40	0.00
TRINITY_sp|Q9DBCSelo	Selenoprotein O OS=	52.40	0.00
TRINITY_sp|A2Y4EICKD-1	Cyclin-dependent ki	52.40	0.00
TRINITY_sp|Q8MYHDDB_G027	Probable serine/thr	52.30	0.00
TRINITY_sp|P868(-	Non-specific lipid-	52.30	0.00
TRINITY_sp|Q9UBSDNAJB11	DnaJ homolog subfam	52.30	0.00
TRINITY_sp|P512Eycf45	Uncharacterized pro	52.30	0.00
TRINITY_sp|Q93V1PABN1	Polyadenylate-bindi	52.30	0.00
TRINITY_sp|F4HPNIRE4	Probable serine/thr	52.30	0.00
TRINITY_sp|P465Eubc4	Ubiquitin-conjugati	52.30	0.00
TRINITY_sp|A7RP1vlg2284E	NAD(P)H-hydrate epi	52.30	0.00
TRINITY_sp|Q5ZJYGARNL3	GTPase-activating R	52.30	0.00
TRINITY_sp|P375EiaaA	Isoaspartyl peptida	52.30	0.00
TRINITY_sp|Q99JYActr3	Actin-related prote	52.30	0.00
TRINITY_sp|P0477-	Glutamine synthetas	52.30	0.00
TRINITY_sp|Q7ZV7smu1	WD40 repeat-contain	52.30	0.00
TRINITY_sp|Q1774trxr-1	Thioredoxin reducta	52.30	0.00
TRINITY_sp|P2644PARP1	Poly [ADP-ribose] p	52.30	0.00
TRINITY_sp|Q8L5YIPANK2	Pantothenate kinase	52.30	0.00
TRINITY_sp|Q08C1znrf2	E3 ubiquitin-protei	52.30	0.00
TRINITY_sp|B3EFFinfB	Translation initiat	52.30	0.00
TRINITY_sp|P0787Acox1	Peroxisomal acyl-co	52.30	0.00
TRINITY_sp|Q8L97RPL21M	50S ribosomal prote	52.30	0.00
TRINITY_sp|P364(rab2A	Ras-related protein	52.30	0.00
TRINITY_sp|P5467pata	Calcium-transportin	52.30	0.00
TRINITY_sp|Q6GN6adrm1-a	Proteasomal ubiquit	52.30	0.00
TRINITY_sp|Q96DEHDAC11	Histone deacetylase	52.30	0.00
TRINITY_sp|Q55EYube2w	Probable ubiquitin-	52.30	0.00
TRINITY_sp|P538EJJJ1	J protein JJJ1 OS=S	52.30	0.00
TRINITY_sp|P044E(-	Calmodulin OS=Triti	52.30	0.00
TRINITY_sp|P451Eetta	Energy-dependent tr	52.30	0.00
TRINITY_sp|Q9SX(CROA2	DNA replication lic	52.30	0.00
TRINITY_sp|O1544MPPED1	Metallophosphoester	52.30	0.00
TRINITY_sp|B5X8Mbrcc3	Lys-63-specific deu	52.30	0.00
TRINITY_sp|O947EALG2	Alpha-1,3/1,6-manno	52.30	0.00
TRINITY_sp|P4324Abcb1	Multidrug resistanc	52.30	0.00
TRINITY_sp|Q311EpanB	3-methyl-2-oxobutan	52.30	0.00
TRINITY_sp|O949(CRPF6	Pre-mRNA-processing	52.30	0.00
TRINITY_sp|B2RW3Cfap58	Cilia- and flagella	52.30	0.00
TRINITY_sp|A9UN(bysl	Bystin OS=Monosiga	52.30	0.00
TRINITY_sp|Q9STEALDH10A5	Betaine aldehyde de	52.30	0.00
TRINITY_sp|P124E(-	Vignain OS=Vigna mu	52.30	0.00
TRINITY_sp|Q23FEITLL3C	Tubulin glycyclase 3	52.30	0.00
TRINITY_sp|P0CA2TLL3B	Tubulin glycyclase 3	52.30	0.00
TRINITY_sp|Q6TEHfam91a1	Protein FAM91A1 OS=	52.30	0.00
TRINITY_sp|Q8TAMTTC8	Tetratricopeptide r	52.30	0.00
TRINITY_sp|C4LA(hcp	Hydroxylamine reduc	52.30	0.00
TRINITY_sp|Q55DEcas1	Cycloartenol syntha	52.30	0.00
TRINITY_sp|P598Erdh12	Retinol dehydrogena	52.30	0.00
TRINITY_sp|A7E3EPTPDC1	Protein tyrosine ph	52.30	0.00
TRINITY_sp|P142Epsak	Photosystem I react	52.30	0.00
TRINITY_sp|Q1PFHAIL1	AP2-like ethylene-r	52.30	0.00
TRINITY_sp|Q54JEogdh	2-oxoglutarate dehy	52.30	0.00
TRINITY_sp|Q9SS4SDP6	Glycerol-3-phosphat	52.30	0.00
TRINITY_sp|Q755EIPL1	Spindle assembly ch	52.30	0.00

TRINITY_sp|P2984	cysE	Serine acetyltransf	52.30	0.00
TRINITY_sp|O758	(CAPN15	Calpain-15 OS=Homo	52.20	0.00
TRINITY_sp|Q9C9F	PPF-ALP	Pyrophosphate--fruc	52.20	0.00
TRINITY_sp|Q5XF8	Atp13a3	Probable cation-tra	52.20	0.00
TRINITY_sp|P0DJ5	RPL13	60S ribosomal prote	52.20	0.00
TRINITY_sp|Q9SI1	DSK2B	Ubiquitin domain-co	52.20	0.00
TRINITY_sp|Q1729	unc-119	Protein unc-119 OS=	52.20	0.00
TRINITY_sp|O1415	SPAC4A8.UPF0047	protein C4A	52.20	0.00
TRINITY_sp|O1415	SPAC4A8.UPF0047	protein C4A	52.20	0.00
TRINITY_sp|Q6C01	COF1	Cofilin OS=Yarrowia	52.20	0.00
TRINITY_sp|B2ZX9	FSM	Chromatin assembly	52.20	0.00
TRINITY_sp|O3501	yfkJ	Low molecular weigh	52.20	0.00
TRINITY_sp|P5141	RPL26A	60S ribosomal prote	52.20	0.00
TRINITY_sp|Q54F1	nubpl	Iron-sulfur protein	52.20	0.00
TRINITY_sp|Q9Y68	ARL5A	ADP-ribosylation fa	52.20	0.00
TRINITY_sp|O0917	Amacr	Alpha-methylacyl-Co	52.20	0.00
TRINITY_sp|Q4L31	SH2450	Uncharacterized epi	52.20	0.00
TRINITY_sp|Q0U31	DDI1	DNA damage-inducibl	52.20	0.00
TRINITY_sp|Q9FK1	ABCA11	ABC transporter A f	52.20	0.00
TRINITY_sp|Q55D1	mcff	Mitoferrin OS=Dicty	52.20	0.00
TRINITY_sp|Q75S1	AFP1	Peroxiredoxin Q, ch	52.20	0.00
TRINITY_sp|Q9LM1	(SMT1	Cycloartenol-C-24-m	52.20	0.00
TRINITY_sp|O4884	RPN2A	26S proteasome non-	52.20	0.00
TRINITY_sp|Q7MA1	(ung	Uracil-DNA glycosyl	52.20	0.00
TRINITY_sp|P3411	mvpA	Major vault protein	52.20	0.00
TRINITY_sp|Q6T39	Spata20	Spermatogenesis-ass	52.20	0.00
TRINITY_sp|Q9D84	Tex9	Testis-expressed se	52.20	0.00
TRINITY_sp|Q8IZ1	INALCN	Sodium leak channel	52.20	0.00
TRINITY_sp|Q0JL4	Os01g062	Neutral ceramidase	52.20	0.00
TRINITY_sp|Q3956	ODA4	Dynein beta chain,	52.20	0.00
TRINITY_sp|P0482	tpiA	Triosephosphate iso	52.20	0.00
TRINITY_sp|P4911	(RAB2A	Ras-related protein	52.20	0.00
TRINITY_sp|C6E71	fgpsA	Glycerol-3-phosphat	52.20	0.00
TRINITY_sp|Q87A1	blh	Beta-lactamase hydr	52.20	0.00
TRINITY_sp|Q6NZ1	rbm22	Pre-mRNA-splicing f	52.20	0.00
TRINITY_sp|Q0PG1	(AKR4C9	Aldo-keto reductase	52.20	0.00
TRINITY_sp|Q9C55	RH5	DEAD-box ATP-depend	52.20	0.00
TRINITY_sp|Q5BP1	LOG2	Cytokinin riboside	52.20	0.00
TRINITY_sp|Q54S1	vallB1	Probable allantoina	52.20	0.00
TRINITY_sp|P3184	-	RNA-directed DNA po	52.20	0.00
TRINITY_sp|B5XF1	kdm8	Lysine-specific dem	52.20	0.00
TRINITY_sp|Q52N1	(RAB1A	Ras-related protein	52.20	0.00
TRINITY_sp|O2221	(NDT1	Nicotinamide adenin	52.20	0.00
TRINITY_sp|H9BF1	-	Tropinone reductase	52.20	0.00
TRINITY_sp|Q08D1	-	Probable tRNA methy	52.20	0.00
TRINITY_sp|Q4315	RPE	Ribulose-phosphate	52.20	0.00
TRINITY_sp|Q9491	FMPC1	Mitochondrial pyruv	52.20	0.00
TRINITY_sp|Q9NB1	hiw	E3 ubiquitin-protei	52.20	0.00
TRINITY_sp|Q9LS1	PBD1	Proteasome subunit	52.20	0.00
TRINITY_sp|P9051	-	Elongation factor 1	52.20	0.00
TRINITY_sp|P4595	ARP	DNA-(apurinic or ap	52.10	0.00
TRINITY_sp|Q1ZX1	fgxcDD	Guanine exchange fa	52.10	0.00
TRINITY_sp|B2RT1	MYO9A	Unconventional myos	52.10	0.00
TRINITY_sp|Q0654	GPN3	GPN-loop GTPase 3 O	52.10	0.00
TRINITY_sp|Q54J1	abcC3	ABC transporter C f	52.10	0.00
TRINITY_sp|Q99M1	Kars	Lysine--tRNA ligase	52.10	0.00

TRINITY_sp|Q55E|atxn10	Ataxin-10 homolog O	52.10	0.00
TRINITY_sp|P342|rab-6.1	Ras-related protein	52.10	0.00
TRINITY_sp|Q7T0|poc1a	POC1 centriolar pro	52.10	0.00
TRINITY_sp|Q54V|sepsecs	O-phosphoseryl-tRNA	52.10	0.00
TRINITY_sp|P412|Abca1	ATP-binding cassett	52.10	0.00
TRINITY_sp|P402|-	Histone H2A OS=Plas	52.10	0.00
TRINITY_sp|Q6ZM|KIF6	Kinesin-like protei	52.10	0.00
TRINITY_sp|Q54J|abcC3	ABC transporter C f	52.10	0.00
TRINITY_sp|Q9SFV|NLP5	Protein NLP5 OS=Ara	52.10	0.00
TRINITY_sp|Q0P5|IRBM42	RNA-binding protein	52.10	0.00
TRINITY_sp|Q54X|nt5c2	Cytosolic purine 5'	52.10	0.00
TRINITY_sp|Q2KH|MACROD1	O-acetyl-ADP-ribose	52.10	0.00
TRINITY_sp|Q54U|kif3	Kinesin-related pro	52.10	0.00
TRINITY_sp|Q9C7|BUB3.2	Mitotic checkpoint	52.10	0.00
TRINITY_sp|Q01J|CYCB2-1	Cyclin-B2-1 OS=Oryz	52.10	0.00
TRINITY_sp|Q8TC|POC1B	POC1 centriolar pro	52.10	0.00
TRINITY_sp|P0DJ|RPL23A	60S ribosomal prote	52.10	0.00
TRINITY_sp|O360|aap1	Aspartyl aminopepti	52.10	0.00
TRINITY_sp|Q1AR|treT	Trehalose synthase	52.10	0.00
TRINITY_sp|Q7X9|AERO2	Endoplasmic reticul	52.10	0.00
TRINITY_sp|P315|RHN1	Ras-related protein	52.10	0.00
TRINITY_sp|P186|NRPB1	DNA-directed RNA po	52.10	0.00
TRINITY_sp|Q6CL|DED1	ATP-dependent RNA h	52.10	0.00
TRINITY_sp|Q58E|armt1	Protein-glutamate O	52.10	0.00
TRINITY_sp|Q9S7|COX6B-1	Cytochrome c oxidas	52.10	0.00
TRINITY_sp|Q395|-	Dynein 14 kDa light	52.10	0.00
TRINITY_sp|Q5F3|mcm8	DNA helicase MCM8 O	52.10	0.00
TRINITY_sp|Q1H5|LSM2	Sm-like protein LSM	52.10	0.00
TRINITY_sp|Q8EJ|prpC	2-methylcitrate syn	52.10	0.00
TRINITY_sp|Q6FL|DBP2	ATP-dependent RNA h	52.10	0.00
TRINITY_sp|P116|ypt1	GTP-binding protein	52.10	0.00
TRINITY_sp|Q8VY|MED31	Mediator of RNA pol	52.10	0.00
TRINITY_sp|P239|menB	1,4-dihydroxy-2-nap	52.10	0.00
TRINITY_sp|Q8L7|EDD1	Glycine--tRNA ligas	52.10	0.00
TRINITY_sp|P208|pol	Retrovirus-related	52.10	0.00
TRINITY_sp|B8BK|OsI_361	DNA replication lic	52.10	0.00
TRINITY_sp|O243|SUS2	Sucrose synthase 2	52.10	0.00
TRINITY_sp|Q24J|P4H5	Prolyl 4-hydroxylas	52.10	0.00
TRINITY_sp|Q8XY|clpP	ATP-dependent Clp p	52.10	0.00
TRINITY_sp|P420|NDUFS8	NADH dehydrogenase	52.00	0.00
TRINITY_sp|Q920|DNMT1	DNA (cytosine-5)-me	52.00	0.00
TRINITY_sp|Q5DU|Cep164	Centrosomal protein	52.00	0.00
TRINITY_sp|Q5XI|Mccc2	Methylcrotonoyl-CoA	52.00	0.00
TRINITY_sp|Q9LR|BSU1	Serine/threonine-pr	52.00	0.00
TRINITY_sp|Q9HF|-	Cytochrome b5 OS=Rh	52.00	0.00
TRINITY_sp|B9DF|ISE2	DExH-box ATP-depend	52.00	0.00
TRINITY_sp|Q9LR|POLD1	DNA polymerase delt	52.00	0.00
TRINITY_sp|Q420|ABCC2	ABC transporter C f	52.00	0.00
TRINITY_sp|Q94J|HSFA4B	Heat stress transcr	52.00	0.00
TRINITY_sp|P0DJ|RPL35	60S ribosomal prote	52.00	0.00
TRINITY_sp|Q643|Sqstm1	Sequestosome-1 OS=M	52.00	0.00
TRINITY_sp|P546|pkbA	RAC family serine/t	52.00	0.00
TRINITY_sp|Q017|EXOSC10	Exosome component 1	52.00	0.00
TRINITY_sp|Q86A|polr3a	DNA-directed RNA po	52.00	0.00
TRINITY_sp|Q8C5|Cwc22	Pre-mRNA-splicing f	52.00	0.00
TRINITY_sp|Q54E|exo1	Exonuclease 1 OS=Di	52.00	0.00

TRINITY_sp|Q9FIHRPN5A	26S proteasome non-	52.00	0.00
TRINITY_sp|Q9P38SPBC13A2	Putative phosphatid	52.00	0.00
TRINITY_sp|Q9QY3Abcb11	Bile salt export pu	52.00	0.00
TRINITY_sp|Q3957YPTC6	Ras-related protein	52.00	0.00
TRINITY_sp|Q5T65CFAP58	Cilia- and flagella	52.00	0.00
TRINITY_sp|Q6DG5kctd6	BTB/POZ domain-cont	52.00	0.00
TRINITY_sp|Q8MY1DDB_G027	Probable serine/thr	52.00	0.00
TRINITY_sp|Q93Y5RPOT1	DNA-directed RNA po	52.00	0.00
TRINITY_sp|Q9AS5At5g0520	(Uncharacterized aar	52.00	0.00
TRINITY_sp|Q2371-	Elongation factor 2	52.00	0.00
TRINITY_sp|B8BK8OsI_3591	Protein KTI12 homol	52.00	0.00
TRINITY_sp|Q6WWVUPL3	E3 ubiquitin-protei	52.00	0.00
TRINITY_sp|Q8LP5LACS6	Long chain acyl-CoA	52.00	0.00
TRINITY_sp|Q9ZT5Os06g050	(Probable methionine	52.00	0.00
TRINITY_sp|O7445naa20	N-terminal acetyltr	52.00	0.00
TRINITY_sp|Q9ZT5PEL1	Protein PELOTA 1 OS	52.00	0.00
TRINITY_sp|O9655Ate1	Arginyl-tRNA--prote	52.00	0.00
TRINITY_sp|Q6410rnf12-a	E3 ubiquitin-protei	52.00	0.00
TRINITY_sp|Q9ZU5ABCG7	ABC transporter G f	52.00	0.00
TRINITY_sp|Q8H21POLH	DNA polymerase eta	52.00	0.00
TRINITY_sp|P0446(-	Calmodulin OS=Triti	52.00	0.00
TRINITY_sp|P4356RIM15	Serine/threonine-pr	51.90	0.00
TRINITY_sp|Q8BV5Mett16	Methyltransferase-1	51.90	0.00
TRINITY_sp|Q54F0dhx8	ATP-dependent RNA h	51.90	0.00
TRINITY_sp|Q5017gtpbp3	tRNA modification G	51.90	0.00
TRINITY_sp|Q5R91DARS	Aspartate--tRNA lig	51.90	0.00
TRINITY_sp|Q8LFCIDH1	Isocitrate dehydrog	51.90	0.00
TRINITY_sp|Q9CA5UEV1B	Ubiquitin-conjugati	51.90	0.00
TRINITY_sp|Q9FD5CB5-A	Cytochrome b5 isofo	51.90	0.00
TRINITY_sp|P1056MIC	Myosin IC heavy cha	51.90	0.00
TRINITY_sp|Q9SZ5GPX7	Putative glutathion	51.90	0.00
TRINITY_sp|Q91Z5Grhpr	Glyoxylate reductas	51.90	0.00
TRINITY_sp|Q9LG5CIPK1	CBL-interacting pro	51.90	0.00
TRINITY_sp|Q9ZUIETL1	Protein CHROMATIN R	51.90	0.00
TRINITY_sp|Q9UL5ACSL5	Long-chain-fatty-ac	51.90	0.00
TRINITY_sp|Q9SR5LSF2	Phosphoglucan phosp	51.90	0.00
TRINITY_sp|Q2JS5crpsP	30S ribosomal prote	51.90	0.00
TRINITY_sp|Q0995yakc	Aldo-keto reductase	51.90	0.00
TRINITY_sp|P0A15livF	High-affinity branc	51.90	0.00
TRINITY_sp|Q5F36TBCK	TBC domain-containi	51.90	0.00
TRINITY_sp|Q9H75IATP13A3	Probable cation-tra	51.90	0.00
TRINITY_sp|Q9M15ABCB21	ABC transporter B f	51.90	0.00
TRINITY_sp|Q8P55XCC3184	Macro domain-contai	51.90	0.00
TRINITY_sp|P1695FAH	Fumarylacetoacetase	51.90	0.00
TRINITY_sp|Q8R35Rbm19	Probable RNA-bindin	51.90	0.00
TRINITY_sp|Q9VK5Tor	Target of rapamycin	51.90	0.00
TRINITY_sp|Q9LE5BRIX1-1	Ribosome biogenesis	51.90	0.00
TRINITY_sp|Q10S5NLP1	Protein NLP1 OS=Ory	51.90	0.00
TRINITY_sp|Q9C55MSRB2	Peptide methionine	51.90	0.00
TRINITY_sp|Q9M05DDB1A	DNA damage-binding	51.90	0.00
TRINITY_sp|O0495UMK3	UMP-CMP kinase 3 OS	51.90	0.00
TRINITY_sp|P5115ANT18	Dihydroflavonol 4-r	51.90	0.00
TRINITY_sp|Q8I85aplg1	AP-1 complex subuni	51.90	0.00
TRINITY_sp|Q9ZQ5IACX1.2	Putative peroxisoma	51.90	0.00
TRINITY_sp|Q54N5asf1	Histone chaperone a	51.90	0.00
TRINITY_sp|Q2665-	Cathepsin L OS=Sarc	51.90	0.00

TRINITY_sp|Q6L5C0s05g057	Zinc finger CCCH do	51.90	0.00
TRINITY_sp|P0C8MCCR1	Probable serine/thr	51.90	0.00
TRINITY_sp|P5053smc4	Structural maintena	51.90	0.00
TRINITY_sp|Q9I8I-	Heat shock 70 kDa p	51.90	0.00
TRINITY_sp|C0QT1prfA	Peptide chain relea	51.90	0.00
TRINITY_sp|Q4287RBP2	DNA-directed RNA po	51.90	0
TRINITY_sp|P4069-	Aldo-keto reductase	51.90	0.00
TRINITY_sp|P0AG1purF	Amidophosphoribosyl	51.90	0.00
TRINITY_sp|Q9446dymA	Dynammin-A OS=Dictyo	51.90	0.00
TRINITY_sp|Q2N5fgroL2	60 kDa chaperonin 2	51.90	0.00
TRINITY_sp|Q9LDNUMPS1	Uridine 5'-monophos	51.90	0.00
TRINITY_sp|Q4U2\agtpbp1	Cytosolic carboxype	51.90	0.00
TRINITY_sp|Q9ZG1pikAI	Narbonolide/10-deox	51.90	0.00
TRINITY_sp|Q0259PK2	Probable serine/thr	51.90	0.00
TRINITY_sp|P0864R	Ras-like protein 3	51.90	0.00
TRINITY_sp|Q9M64CPI1	Cycloecalenol cycl	51.90	0.00
TRINITY_sp|O8098FTSH4	ATP-dependent zinc	51.90	0.00
TRINITY_sp|A4FUFRPL22L1	60S ribosomal prote	51.80	0.00
TRINITY_sp|Q55Efbub2	Putative mitotic ch	51.80	0.00
TRINITY_sp|Q9LTFNMT1	Glycylpeptide N-tet	51.80	0.00
TRINITY_sp|Q9P4\utp7	Probable U3 small n	51.80	0.00
TRINITY_sp|Q8NEFPIK3C3	Phosphatidylinosito	51.80	0.00
TRINITY_sp|Q54J4alg5	Dolichyl-phosphate	51.80	0.00
TRINITY_sp|P930(RH21	DEAD-box ATP-depend	51.80	0.00
TRINITY_sp|Q4249petM	Cytochrome b6-f com	51.80	0.00
TRINITY_sp|P5621Gfer	FAD-linked sulfhydr	51.80	0.00
TRINITY_sp|P2751CBR	Carotene biosynthes	51.80	0.00
TRINITY_sp|O1349rca-1	Myb-like DNA-bindin	51.80	0.00
TRINITY_sp|Q93V1PABN1	Polyadenylate-bindi	51.80	0.00
TRINITY_sp|P237(ltxB	Leukotoxin export A	51.80	0.00
TRINITY_sp|P0AF4yjbQ	UPF0047 protein Yjb	51.80	0.00
TRINITY_sp|Q9M02KEA3	K(+) efflux antipor	51.80	0.00
TRINITY_sp|Q9SR6DML2	DEMETER-like protei	51.80	0.00
TRINITY_sp|O8279PSP	Phosphoserine phosp	51.80	0.00
TRINITY_sp|B2I16metE	5-methyltetrahydrop	51.80	0.00
TRINITY_sp|B9SQ1RCOM_059	Probable bifunction	51.80	0.00
TRINITY_sp|Q9ZU9VAC14	Protein VAC14 homol	51.80	0.00
TRINITY_sp|P5199Nek1	Serine/threonine-pr	51.80	0.00
TRINITY_sp|P4901GPI8	GPI-anchor transami	51.80	0.00
TRINITY_sp|Q54Vfddx56	Probable ATP-depend	51.80	0.00
TRINITY_sp|Q86G\gcy-28	Receptor-type guany	51.80	0.00
TRINITY_sp|Q8LF6AMY2	Probable alpha-amyl	51.80	0.00
TRINITY_sp|O4916TIF3C1	Eukaryotic translat	51.80	0.00
TRINITY_sp|F4I19ELP2	Elongator complex p	51.80	0.00
TRINITY_sp|Q9T07LACS4	Long chain acyl-CoA	51.80	0.00
TRINITY_sp|Q3V09Dnah12	Dynein heavy chain	51.70	0.00
TRINITY_sp|Q9M77RPL29A	60S ribosomal prote	51.70	0.00
TRINITY_sp|Q7Z67HUWE1	E3 ubiquitin-protei	51.70	0.00
TRINITY_sp|Q6NW1ypel3	Protein yippee-like	51.70	0.00
TRINITY_sp|Q9C7INTF2	Nuclear transport f	51.70	0.00
TRINITY_sp|Q9YH\ncapd2	Condensin complex s	51.70	0.00
TRINITY_sp|E1BB6ZRANB3	DNA annealing helic	51.70	0.00
TRINITY_sp|Q54M7ku70	ATP-dependent DNA h	51.70	0.00
TRINITY_sp|Q4109SBEI	1,4-alpha-glucan-br	51.70	0.00
TRINITY_sp|E1VB7HELO_232	Putative glutathion	51.70	0.00
TRINITY_sp|Q0089MAPK	Mitogen-activated p	51.70	0.00

TRINITY_sp|Q0KI7CG9801	PP2C-like domain-co	51.70	0.00
TRINITY_sp|Q9FH4TAF14B	Transcription initi	51.70	0.00
TRINITY_sp|Q54S8midA	Protein arginine me	51.70	0.00
TRINITY_sp|Q8BM1Lipk	Lipase member K OS=	51.70	0.00
TRINITY_sp|P341(pkgC	Protein kinase 3 OS	51.70	0.00
TRINITY_sp|Q8H1(ALEU	Thiol protease aleu	51.70	0.00
TRINITY_sp|P981(Atp9b	Probable phospholip	51.70	0.00
TRINITY_sp|Q9SB(PHR1	Deoxyribodipyrimidi	51.70	0.00
TRINITY_sp|Q556(rexo2-1	Probable oligoribon	51.70	0.00
TRINITY_sp|Q8VZ(FZR1	Protein FIZZY-RELAT	51.70	0.00
TRINITY_sp|Q008(MAPK	Mitogen-activated p	51.70	0.00
TRINITY_sp|A7HT(rpma	50S ribosomal prote	51.70	0.00
TRINITY_sp|Q9C0(DNAH6	Dynein heavy chain	51.70	0.00
TRINITY_sp|Q942(IPDIL2-2	Protein disulfide i	51.70	0.00
TRINITY_sp|Q9JK(Myg1	UPF0160 protein MYG	51.70	0.00
TRINITY_sp|Q6GL(desil	Desumoylating isope	51.70	0.00
TRINITY_sp|O647(GLCNAC1I	UDP-N-acetylglucosa	51.70	0.00
TRINITY_sp|Q207(atad-3	ATPase family AAA d	51.70	0.00
TRINITY_sp|Q8TGM(TAR1	Protein TAR1 OS=Sac	51.70	0.00
TRINITY_sp|Q6NQ(SDG40	Protein SET DOMAIN	51.70	0.00
TRINITY_sp|Q9Y6(ARL5A	ADP-ribosylation fa	51.70	0.00
TRINITY_sp|Q8RX(PR31	U4/U6 small nuclear	51.70	0.00
TRINITY_sp|Q8LG(COL6	Zinc finger protein	51.70	0.00
TRINITY_sp|Q323(ybiA	N-glycosidase YbiA	51.70	0.00
TRINITY_sp|Q9HZ(PA3240	Putative quercetin	51.70	0.00
TRINITY_sp|Q8Y2(FRSc0270	UPF0225 protein RSc	51.70	0.00
TRINITY_sp|P0AG(trmH	tRNA (guanosine(18)	51.70	0.00
TRINITY_sp|Q6MD(clpB	Chaperone protein C	51.70	0.00
TRINITY_sp|Q6PF(jmjd6	Bifunctional argini	51.70	0.00
TRINITY_sp|Q8KA(pckG	Phosphoenolpyruvate	51.70	0.00
TRINITY_sp|Q0WW(ZEU1	Thymidylate kinase	51.70	0.00
TRINITY_sp|Q9C5(CM3	Chorismate mutase 3	51.70	0.00
TRINITY_sp|Q926(EDEM1	ER degradation-enha	51.70	0.00
TRINITY_sp|Q323(ybiA	N-glycosidase YbiA	51.70	0.00
TRINITY_sp|A8I4(FAP100	Cilia- and flagella	51.70	0.00
TRINITY_sp|Q9UB(MHDAC6	Histone deacetylase	51.70	0.00
TRINITY_sp|O748(caf1	Poly(A) ribonucleas	51.70	0.00
TRINITY_sp|Q7XK(PYRD	Dihydroorotate dehy	51.70	0.00
TRINITY_sp|Q286(ABCC2	Canalicular multisp	51.70	0.00
TRINITY_sp|Q711(CCL4	C-C motif chemokine	51.70	0.00
TRINITY_sp|P492(RPL9	60S ribosomal prote	51.60	0.00
TRINITY_sp|Q9LS(PAE1	Proteasome subunit	51.60	0.00
TRINITY_sp|Q8I7(coq-2	4-hydroxybenzoate p	51.60	0.00
TRINITY_sp|Q6NV(decr2	Peroxisomal 2,4-die	51.60	0.00
TRINITY_sp|Q9VH(GstZ2	Probable maleylacet	51.60	0.00
TRINITY_sp|Q86A(polr3a	DNA-directed RNA po	51.60	0.00
TRINITY_sp|Q7T3(dbr1	Lariat debranching	51.60	0.00
TRINITY_sp|Q7YS(vcanA	Calcineurin subunit	51.60	0.00

TRINITY_sp|O644(BMY1	Beta-amylase OS=Vig	51.60	0.00
TRINITY_sp|Q9P7Ggad8	Serine/threonine-pr	51.60	0.00
TRINITY_sp|Q9C5(ELF5A-3	Eukaryotic translat	51.60	0.00
TRINITY_sp|Q6Z54SAP12	Zinc finger A20 and	51.60	0.00
TRINITY_sp|P2317ABCBA	Phosphatidylcholine	51.60	0.00
TRINITY_sp|Q9BU7TRMO	tRNA (adenine(37)-N	51.60	0.00
TRINITY_sp|Q9FZ9SMG7L	Protein SMG7L OS=Ar	51.60	0.00
TRINITY_sp|P485(-	Cytochrome b-c1 com	51.60	0.00
TRINITY_sp|G5DB3CPP1	Protein CHAPERONE-L	51.60	0.00
TRINITY_sp|O4993TLP40	Peptidyl-prolyl cis	51.60	0.00
TRINITY_sp|Q54W8lsm1	Probable U6 snRNA-a	51.60	0.00
TRINITY_sp|Q54GIDDB_G029	PXMP2/4 family prot	51.60	0.00
TRINITY_sp|Q86A8purF	Amidophosphoribosyl	51.60	0.00
TRINITY_sp|Q54KEmccA	Methylcrotonoyl-CoA	51.60	0.00
TRINITY_sp|Q7ZV8sirt2	NAD-dependent prote	51.60	0.00
TRINITY_sp|Q9SH1UBC34	Ubiquitin-conjugati	51.60	0.00
TRINITY_sp|P0785SUOX	Sulfite oxidase OS=	51.60	0.00
TRINITY_sp|P5242PAC1	Proteasome subunit	51.60	0.00
TRINITY_sp|Q568Egtdc1	Glycosyltransferase	51.60	0.00
TRINITY_sp|Q54S7sf3b3	Probable splicing f	51.60	0.00
TRINITY_sp|Q9FI6UBC27	Ubiquitin-conjugati	51.60	0.00
TRINITY_sp|Q0189YPT1	Ras-like GTP-bindin	51.60	0.00
TRINITY_sp|Q9BZ8GTPBP4	Nucleolar GTP-bindi	51.60	0.00
TRINITY_sp|Q9C9CRPL6B	60S ribosomal prote	51.60	0.00
TRINITY_sp|Q2NC7ELI_0298	Blue-light-activate	51.60	0.00
TRINITY_sp|F4IE6RID1	Pre-mRNA-splicing f	51.60	0.00
TRINITY_sp|Q8ND8PAPD5	Non-canonical poly(	51.60	0.00
TRINITY_sp|Q0992yakc	Aldo-keto reductase	51.60	0.00
TRINITY_sp|F4KA8MCM6	DNA replication lic	51.60	0.00
TRINITY_sp|F1Q48atp9b	Probable phospholip	51.60	0.00
TRINITY_sp|P3472RAS1	Ras-like protein 1	51.60	0.00
TRINITY_sp|P1535RpS27A	Ubiquitin-40S ribos	51.60	0.00
TRINITY_sp|Q54R8mkkA	Mitogen-activated p	51.60	0.00
TRINITY_sp|Q9LX8At5g1285	Zinc finger CCCH do	51.60	0.00
TRINITY_sp|Q9C58SMC2-1	Structural maintena	51.60	0.00
TRINITY_sp|Q86A7spkA-1	Stress-activated pr	51.60	0.00
TRINITY_sp|P5188lig1	DNA ligase 1 OS=Xen	51.60	0.00
TRINITY_sp|Q5513purU	Formyltetrahydrofol	51.60	0.00
TRINITY_sp|A3QK1erlin2	Erlin-2 OS=Danio re	51.60	0.00
TRINITY_sp|B7ZC8KIF28P	Kinesin-like protei	51.50	0.00
TRINITY_sp|P0515CFI	Complement factor I	51.50	0.00
TRINITY_sp|Q3S47AHK5	Histidine kinase 5	51.50	0.00
TRINITY_sp|F1Q48atp9b	Probable phospholip	51.50	0.00
TRINITY_sp|Q9LE8GPXMC1	Probable phospholip	51.50	0.00
TRINITY_sp|P5217kpna1	Importin subunit al	51.50	0.00
TRINITY_sp|Q9XGFB'ALPH7	Serine/threonine pr	51.50	0.00
TRINITY_sp|Q54SIpemtA	Phosphatidylethanol	51.50	0.00
TRINITY_sp|Q55C8rasU	Ras-like protein ra	51.50	0.00
TRINITY_sp|P9818ATP8B2	Phospholipid-transp	51.50	0.00
TRINITY_sp|Q5XJI fip111	Pre-mRNA 3'-end-pro	51.50	0.00
TRINITY_sp|O2308ECA2	Calcium-transportin	51.50	0.00
TRINITY_sp|P2298let-60	Ras protein let-60	51.50	0.00
TRINITY_sp|A0Q38ribBA	Riboflavin biosynth	51.50	0.00
TRINITY_sp|Q8L78RPL18AA	60S ribosomal prote	51.50	0.00
TRINITY_sp|Q2KI8TDH	L-threonine 3-dehyd	51.50	0.00
TRINITY_sp|Q9FJ8UPF1	Regulator of nonsen	51.50	0.00

TRINITY_sp|Q0823REX4	RNA exonuclease 4 O	51.50	0.00
TRINITY_sp|P5255myb12	Myb-related protein	51.50	0.00
TRINITY_sp|P1422PSAG	Photosystem I react	51.50	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	51.50	0.00
TRINITY_sp|Q8C01Agps	Alkyldihydroxyaceto	51.50	0.00
TRINITY_sp|P1024MYB	Transcriptional act	51.50	0.00
TRINITY_sp|Q9PTMkcnab2	Voltage-gated potas	51.50	0.00
TRINITY_sp|B0G15mcfC	Mitochondrial subst	51.50	0.00
TRINITY_sp|Q1386EXOSC2	Exosome complex com	51.50	0.00
TRINITY_sp|P9186Mo25	Protein Mo25 OS=Dro	51.50	0.00
TRINITY_sp|P3513UBC11	Ubiquitin-conjugati	51.50	0.00
TRINITY_sp|Q8NG6TTL	Tubulin--tyrosine l	51.50	0.00
TRINITY_sp|Q6DEHfctnpp1	Ethanolamine-phosph	51.50	0.00
TRINITY_sp|B2RX1Abcc3	Canalicular multisp	51.50	0.00
TRINITY_sp|Q9ST1ABCA5	ABC transporter A f	51.50	0.00
TRINITY_sp|A8IB2CFAP77	Cilia- and flagella	51.50	0.00
TRINITY_sp|Q3896KIN10	SNF1-related protei	51.50	0.00
TRINITY_sp|Q6NMFAt5g5974	UDP-galactose/UDP-g	51.50	0.00
TRINITY_sp|Q5ZLIGPAT3	Glycerol-3-phosphat	51.50	0.00
TRINITY_sp|Q9SMFDHC1	Dynein-1-alpha heav	51.50	0
TRINITY_sp|Q641Hublcp1	Ubiquitin-like doma	51.50	0.00
TRINITY_sp|Q8NBRDH13	Retinol dehydrogena	51.50	0.00
TRINITY_sp|Q66KHube2z	Ubiquitin-conjugati	51.50	0.00
TRINITY_sp|Q8T13kif5	Kinesin-related pro	51.50	0.00
TRINITY_sp|P4679cysB	Cystathionine beta-	51.50	0.00
TRINITY_sp|O8603bdhA	D-beta-hydroxybutyr	51.50	0.00
TRINITY_sp|Q54Pfcsnk2b	Casein kinase II su	51.50	0.00
TRINITY_sp|Q01J6CYCB2-1	Cyclin-B2-1 OS=Oryz	51.50	0.00
TRINITY_sp|F4I11At1g0962	Leucine--tRNA ligas	51.50	0
TRINITY_sp|Q9C53ATX1	Histone-lysine N-me	51.50	0.00
TRINITY_sp|F4JXINRPC1	DNA-directed RNA po	51.50	0.00
TRINITY_sp|P2407-	Glu S.griseus prote	51.50	0.00
TRINITY_sp|Q9VQCG3326	Fidgetin-like prote	51.40	0.00
TRINITY_sp|P5291VPS4	Vacuolar protein so	51.40	0.00
TRINITY_sp|O3221yvgN	Glyoxal reductase O	51.40	0.00
TRINITY_sp|Q55E1vps13E	Putative vacuolar p	51.40	0.00
TRINITY_sp|Q5E96NFYA	Nuclear transcripti	51.40	0.00
TRINITY_sp|Q93Y3RPN7	26S proteasome non-	51.40	0.00
TRINITY_sp|Q3388GCN5	Histone acetyltrans	51.40	0.00
TRINITY_sp|Q9CB0RABF1	Ras-related protein	51.40	0.00
TRINITY_sp|Q9SL7TCX6	Protein tesmin/TSO1	51.40	0.00
TRINITY_sp|Q9UNFCDC14A	Dual specificity pr	51.40	0.00
TRINITY_sp|O3496ytsJ	Probable NAD-depend	51.40	0.00
TRINITY_sp|Q5888TEB	Helicase and polyme	51.40	0.00
TRINITY_sp|P0C61Dnah2	Dynein heavy chain	51.40	0.00
TRINITY_sp|Q9NR2HELLS	Lymphoid-specific h	51.40	0.00
TRINITY_sp|P2411(CDKA-1	Cyclin-dependent ki	51.40	0.00
TRINITY_sp|Q7ZU6stk3	Serine/threonine-pr	51.40	0.00
TRINITY_sp|P8329CBR2	NADH-cytochrome b5	51.40	0.00
TRINITY_sp|G5EGHlet-92	Serine/threonine-pr	51.40	0.00
TRINITY_sp|P7773yajO	Uncharacterized oxi	51.40	0.00
TRINITY_sp|Q4072RGP2	Ras-related protein	51.40	0.00
TRINITY_sp|Q9C50SUF4	Protein SUPPRESSOR	51.40	0.00
TRINITY_sp|Q0DJ6Os05g031	Coatomer subunit de	51.40	0.00
TRINITY_sp|Q1LK6gluQ	Glutamyl-Q tRNA(Asp	51.40	0.00
TRINITY_sp|B0F91GC6	Golgin candidate 6	51.40	0.00

TRINITY_sp|Q554{slr0537	Uncharacterized sug	51.40	0.00
TRINITY_sp|O649{RPT1	26S protease regula	51.40	0.00
TRINITY_sp|Q9UT{SPAC343.	Uncharacterized WD	51.40	0.00
TRINITY_sp|Q6B8{TKT	Transketolase OS=Bo	51.40	0.00
TRINITY_sp|P152{AMD1	AMP deaminase OS=Sa	51.40	0.00
TRINITY_sp|B7NT{ydiU	UPF0061 protein Ydi	51.40	0.00
TRINITY_sp|A8WK{CBG24191	Putative ATP-depend	51.40	0.00
TRINITY_sp|Q554{aslB	Acyl-CoA synthetase	51.40	0.00
TRINITY_sp|Q9XY{noxA	Superoxide-generati	51.40	0.00
TRINITY_sp|P428{MTHFR	Methylenetetrahydro	51.40	0.00
TRINITY_sp|Q007{glpV	Glycogen phosphoryl	51.40	0.00
TRINITY_sp|Q940{RBX1A	RING-box protein 1a	51.40	0.00
TRINITY_sp|Q54B{ggps1	Geranylgeranyl pyro	51.40	0.00
TRINITY_sp|Q8L8{RECQL4A	ATP-dependent DNA h	51.40	0.00
TRINITY_sp|P0CR{SEC23	Protein transport p	51.40	0.00
TRINITY_sp|Q9FL{At5g645{	Probable sphingolip	51.40	0.00
TRINITY_sp|Q54UV{DDB_G02{	Bromodomain-contain	51.40	0.00
TRINITY_sp|P933{UPP	Uracil phosphoribos	51.40	0.00
TRINITY_sp|Q7XP{Os04g06{	Kinesin-like calmod	51.40	0.00
TRINITY_sp|D2K6{SLT2	Sodium/sulfate cotr	51.40	0.00
TRINITY_sp|P0CM{CNBB373{	Pentafunctional ARO	51.40	0.00
TRINITY_sp|Q642{impact	Protein IMPACT OS=D	51.40	0.00
TRINITY_sp|Q3ZC{ANAPC11	Anaphase-promoting	51.30	0.00
TRINITY_sp|O605{CDC40	Pre-mRNA-processing	51.30	0.00
TRINITY_sp|Q8R1{Phykpl	5-phosphohydroxy-L-	51.30	0.00
TRINITY_sp|P905{-	66 kDa stress prote	51.30	0.00
TRINITY_sp|Q9FN{At5g227{	Putative SWI/SNF-re	51.30	0.00
TRINITY_sp|Q498{smarcal1	SWI/SNF-related mat	51.30	0.00
TRINITY_sp|Q8LF{IDH1	Isocitrate dehydrog	51.30	0.00
TRINITY_sp|Q54DM{alg11	GDP-Man:Man(3)GlcNA	51.30	0.00
TRINITY_sp|Q7KW{exosc3	Putative exosome co	51.30	0.00
TRINITY_sp|Q279{COPA	Coatomer subunit al	51.30	0.00
TRINITY_sp|A4IQ{namA	NADPH dehydrogenase	51.30	0.00
TRINITY_sp|Q102{rrp8	25S rRNA (adenine(6	51.30	0.00
TRINITY_sp|Q55CI{DDB_G02{	Probable NADH dehyd	51.30	0.00
TRINITY_sp|Q920{pcmt	Protein-L-isoaspart	51.30	0.00
TRINITY_sp|Q9FM{FRD21B	Probable cysteine p	51.30	0.00
TRINITY_sp|Q9QZ{Eif2ak4	eIF-2-alpha kinase	51.30	0.00
TRINITY_sp|Q9M8{EMB2768	Tyrosine--tRNA liga	51.30	0.00
TRINITY_sp|Q8GT{CCS1	Cytochrome c biogen	51.30	0.00
TRINITY_sp|Q9Y2{FSTK38L	Serine/threonine-pr	51.30	0.00
TRINITY_sp|Q84Q{PPT2	Phosphoenolpyruvate	51.30	0.00
TRINITY_sp|P078{SUOX	Sulfite oxidase OS=	51.30	0.00
TRINITY_sp|B9G2{Os09g02{	Auxin transport pro	51.30	0.00
TRINITY_sp|Q339{BGLU34	Beta-glucosidase 34	51.30	0.00
TRINITY_sp|Q89N{guaA	GMP synthase [gluta	51.30	0.00
TRINITY_sp|Q75V{dnaJ	Chaperone protein D	51.30	0.00
TRINITY_sp|F4J8{FRP5	rRNA biogenesis pro	51.30	0.00
TRINITY_sp|F4I2{CTN	Cactin OS=Arabidops	51.30	0.00
TRINITY_sp|Q55G{cdk10	Probable cyclin-dep	51.30	0.00
TRINITY_sp|O748{caf1	Poly(A) ribonucleas	51.30	0.00
TRINITY_sp|Q54P{pwp2	Periodic tryptophan	51.30	0.00
TRINITY_sp|Q0WS{ALDH22A1	Aldehyde dehydrogen	51.30	0.00
TRINITY_sp|Q9ZW{PUMP2	Mitochondrial uncou	51.20	0.00
TRINITY_sp|P623{CPK4	Calcium-dependent p	51.20	0.00
TRINITY_sp|Q9BS{TUBGCP2	Gamma-tubulin compl	51.20	0.00

TRINITY_sp|Q4WP3cym1	Mitochondrial prese	51.20	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	51.20	0.00
TRINITY_sp|P356(COPZ1	Coatomer subunit ze	51.20	0.00
TRINITY_sp|Q0922cpna-2	Copine family prote	51.20	0.00
TRINITY_sp|Q8BG(CZadh2	Prostaglandin reduc	51.20	0.00
TRINITY_sp|P4075Rac1	Ras-related protein	51.20	0.00
TRINITY_sp|O430(-	Kinesin heavy chain	51.20	0.00
TRINITY_sp|Q9ZN(SKD1	Protein SUPPRESSOR	51.20	0.00
TRINITY_sp|Q4254UBC7	Ubiquitin-conjugati	51.20	0.00
TRINITY_sp|P5348arp2	Actin-related prote	51.20	0.00
TRINITY_sp|Q9SU(AUXI1	Auxilin-related pro	51.20	0.00
TRINITY_sp|Q5XIN(Traf3ip1	TRAF3-interacting p	51.20	0.00
TRINITY_sp|Q8H8(Os03g028	Cardiolipin synthas	51.20	0.00
TRINITY_sp|Q8H0\ABCf3	ABC transporter F f	51.20	0.00
TRINITY_sp|Q8VH2Imp4	U3 small nucleolar	51.20	0.00
TRINITY_sp|Q8VZ(CBSDUF6	DUF21 domain-contai	51.20	0.00
TRINITY_sp|Q6PC5btf3l4	Transcription facto	51.20	0.00
TRINITY_sp|Q9C9(FAPUM7	Putative pumilio ho	51.20	0.00
TRINITY_sp|Q6CF2YAF9	Protein AF-9 homolo	51.20	0.00
TRINITY_sp|Q54EIgrwd1	Glutamate-rich WD r	51.20	0.00
TRINITY_sp|A9AF7recA	Protein RecA OS=Bur	51.20	0.00
TRINITY_sp|Q8H1(At4g2691	Dihydrolipoyllysine	51.20	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	51.20	0.00
TRINITY_sp|Q3921NRPB3	DNA-directed RNA po	51.20	0.00
TRINITY_sp|Q9XY5noxA	Superoxide-generati	51.20	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	51.20	0.00
TRINITY_sp|Q557fdpp3-1	Dipeptidyl peptidas	51.20	0.00
TRINITY_sp|P8391CBX1	Chromobox protein h	51.20	0.00
TRINITY_sp|Q9ZV6AXL1	NEDD8-activating en	51.20	0.00
TRINITY_sp|Q9SU7PAO5	Probable polyamine	51.20	0.00
TRINITY_sp|Q8W4fAt4g0467	tRNA wybutosine-syn	51.20	0.00
TRINITY_sp|Q6K4(MRSZP21	Serine/arginine-ric	51.20	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	51.20	0.00
TRINITY_sp|Q54U(kif3	Kinesin-related pro	51.20	0.00
TRINITY_sp|A8IQ5CCDC40	Coiled-coil domain-	51.20	0.00
TRINITY_sp|O018(rab-11.1	Ras-related protein	51.20	0.00
TRINITY_sp|Q32PELSM3	U6 snRNA-associated	51.20	0.00
TRINITY_sp|Q9M82UGT80A2	Sterol 3-beta-gluco	51.20	0.00
TRINITY_sp|O2285At2g4725	Probable pre-mRNA-s	51.20	0.00
TRINITY_sp|Q097(pld1	Phospholipase D1 OS	51.20	0.00
TRINITY_sp|O9443SPBC660	Uncharacterized RNA	51.10	0.00
TRINITY_sp|O0915Man2b1	Lysosomal alpha-man	51.10	0.00
TRINITY_sp|Q3923At5g2747	Serine--tRNA ligase	51.10	0.00
TRINITY_sp|Q7KQIARF1	ADP-ribosylation fa	51.10	0.00
TRINITY_sp|Q9LE5At5g0818	H/ACA ribonucleopro	51.10	0.00
TRINITY_sp|Q3T0(CPROSC	Proline synthase co	51.10	0.00
TRINITY_sp|Q69TYPRXIIE-1	Peroxiredoxin-2E-1,	51.10	0.00
TRINITY_sp|Q1343SF3B2	Splicing factor 3B	51.10	0.00
TRINITY_sp|Q6IP7akt2-b	RAC-beta serine/thr	51.10	0.00
TRINITY_sp|Q54F7cpnE	Copine-E OS=Dictyos	51.10	0.00
TRINITY_sp|Q9UQ(CMOK	MAPK/MAK/MRK overla	51.10	0.00
TRINITY_sp|Q54N6sfxn	Sideroflexin OS=Dic	51.10	0.00
TRINITY_sp|P4123Abca2	ATP-binding cassett	51.10	0.00
TRINITY_sp|P0CD6alg7	UDP-N-acetylglucosa	51.10	0.00
TRINITY_sp|Q93Z1CKL3	Casein kinase 1-lik	51.10	0.00
TRINITY_sp|Q1LZ7LIMD2	LIM domain-containi	51.10	0.00

TRINITY_sp|A8JF7ODA1	Outer dynein arm pr	51.10	0.00
TRINITY_sp|Q54GVDDDB_G028	Coiled-coil domain-	51.10	0.00
TRINITY_sp|Q869MDDB_G027	3-hydroxybutyryl-Co	51.10	0.00
TRINITY_sp|Q54Rfpyk	Pyruvate kinase OS=	51.10	0.00
TRINITY_sp|A2ARfPpip5k1	Inositol hexakispho	51.10	0.00
TRINITY_sp|Q9P2IWD35	WD repeat-containin	51.10	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	51.10	0.00
TRINITY_sp|A5D97SPRTN	SprT-like domain-co	51.10	0.00
TRINITY_sp|Q9UJ7TUBE1	Tubulin epsilon cha	51.10	0.00
TRINITY_sp|O0493GDHA	Glutamate dehydroge	51.10	0.00
TRINITY_sp|Q54R2yipf6	Protein YIPF6 homol	51.10	0.00
TRINITY_sp|O6488COX10	Protoheme IX farnes	51.10	0.00
TRINITY_sp|Q9SI7RPN1A	26S proteasome non-	51.10	0.00
TRINITY_sp|P290CTIV1	Acid beta-fructofur	51.10	0.00
TRINITY_sp|Q3UT7Cdk15	Cyclin-dependent ki	51.10	0.00
TRINITY_sp|O7517CNOT3	CCR4-NOT transcript	51.10	0.00
TRINITY_sp|Q9NVVRLIM	E3 ubiquitin-protei	51.10	0.00
TRINITY_sp|Q5M73TH1	Thiamine biosynthes	51.10	0.00
TRINITY_sp|O8231At2g2583	Probable transcript	51.10	0.00
TRINITY_sp|Q93YURUS6	Protein root UVB se	51.10	0.00
TRINITY_sp|P1097-	Retrovirus-related	51.10	0.00
TRINITY_sp|O6474At2g3484	Coatomer subunit ep	51.10	0.00
TRINITY_sp|Q6DG9kctd6	BTB/POZ domain-cont	51.10	0.00
TRINITY_sp|Q68E7amdh1	Probable imidazolon	51.10	0.00
TRINITY_sp|Q9BR8RIOK1	Serine/threonine-pr	51.10	0.00
TRINITY_sp|P7362sl11770	Uncharacterized pro	51.10	0.00
TRINITY_sp|O652CACX2	Acyl-coenzyme A oxi	51.10	0.00
TRINITY_sp|P5652HDAC3	Histone deacetylase	51.10	0.00
TRINITY_sp|Q9C9CSPPA	Serine protease SPP	51.10	0.00
TRINITY_sp|F4KD7DUR3	Urea-proton symport	51.10	0.00
TRINITY_sp|Q9SM7AAE3	Oxalate--CoA ligase	51.10	0.00
TRINITY_sp|P1141CRYZ	Quinone oxidoreduct	51.00	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	51.00	0.00
TRINITY_sp|Q1209TSR3	Ribosome biogenesis	51.00	0.00
TRINITY_sp|P5092upp	Uracil phosphoribos	51.00	0.00
TRINITY_sp|Q9C5VGRF12	14-3-3-like protein	51.00	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	51.00	0.00
TRINITY_sp|Q54Q9phr2aB	Serine/threonine-pr	51.00	0.00
TRINITY_sp|Q9LE7At5g0818	H/ACA ribonucleopro	51.00	0.00
TRINITY_sp|Q9JI1Stk3	Serine/threonine-pr	51.00	0.00
TRINITY_sp|Q8RX7RH8	DEAD-box ATP-depend	51.00	0.00
TRINITY_sp|Q0383MSH6	DNA mismatch repair	51.00	0.00
TRINITY_sp|Q54R7cnrB	CLPTM1-like membran	51.00	0.00
TRINITY_sp|Q9LXIHAM2	Histone acetyltrans	51.00	0.00
TRINITY_sp|P2644PARP1	Poly [ADP-ribose] p	51.00	0.00
TRINITY_sp|Q96P1NSUN5	Probable 28S rRNA (	51.00	0.00
TRINITY_sp|Q9RH7ssb2	Single-stranded DNA	51.00	0.00
TRINITY_sp|Q7ZX7kif19	Kinesin-like protei	51.00	0.00
TRINITY_sp|B0DZIAMPP	Probable Xaa-Pro am	51.00	0.00
TRINITY_sp|Q8LR7HDA18	Histone deacetylase	51.00	0.00
TRINITY_sp|Q8T27mccb	Methylcrotonoyl-CoA	51.00	0.00
TRINITY_sp|Q8AV7syf2	Pre-mRNA-splicing f	51.00	0.00
TRINITY_sp|Q8BZ7Slc25a21	Mitochondrial 2-oxo	51.00	0.00
TRINITY_sp|B3PF7dnaK	Chaperone protein D	51.00	0.00
TRINITY_sp|O0461CURT1A	Protein CURVATURE T	51.00	0.00
TRINITY_sp|Q9LZ7RPL36C	60S ribosomal prote	51.00	0.00

TRINITY_sp|P2752LHCA4	Chlorophyll a-b bin	51.00	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	51.00	0.00
TRINITY_sp|Q6AU0DBR1	Lariat debranching	51.00	0.00
TRINITY_sp|P2793AMY1.2	Alpha-amylase isozy	51.00	0.00
TRINITY_sp|B4F10hcp	Hydroxylamine reduc	51.00	0.00
TRINITY_sp|P6786CSNK2B	Casein kinase II su	51.00	0.00
TRINITY_sp|Q8MV0gbcC	Cyclic GMP-binding	51.00	0.00
TRINITY_sp|A2XF0PDC2	Pyruvate decarboxyl	51.00	0.00
TRINITY_sp|Q5SNI0s06g017	Fanconi-associated	51.00	0.00
TRINITY_sp|O8656sdaA	L-serine dehydratas	51.00	0.00
TRINITY_sp|O9443SPBC660	Uncharacterized RNA	50.90	0.00
TRINITY_sp|Q1573INPP5J	Phosphatidylinosito	50.90	0.00
TRINITY_sp|Q7NM0cry	Cryptochrome DASH O	50.90	0.00
TRINITY_sp|Q5FW4aspdh	Putative L-aspartat	50.90	0.00
TRINITY_sp|P8280Gfpt1	Glutamine--fructose	50.90	0.00
TRINITY_sp|O1847mus308	DNA polymerase thet	50.90	0.00
TRINITY_sp|Q2SR0aguA	Putative agmatine d	50.90	0.00
TRINITY_sp|Q9H52DHX35	Probable ATP-depend	50.90	0.00
TRINITY_sp|Q9SMTAAE3	Oxalate--CoA ligase	50.90	0.00
TRINITY_sp|Q86A0spkA-1	Stress-activated pr	50.90	0.00
TRINITY_sp|O5160pfkA	ATP-dependent 6-pho	50.90	0.00
TRINITY_sp|Q1036sck2	Serine/threonine-pr	50.90	0.00
TRINITY_sp|P2580UBC1	Ubiquitin-conjugati	50.90	0.00
TRINITY_sp|Q9PW0GPHN	Gephyrin OS=Gallus	50.90	0.00
TRINITY_sp|P5932Ythdf1	YTH domain-containi	50.90	0.00
TRINITY_sp|Q0WR0TSC10A	3-dehydrosphingani	50.90	0.00
TRINITY_sp|Q8696scsB	Succinate--CoA liga	50.90	0.00
TRINITY_sp|Q54P0csn5	COP9 signalosome co	50.90	0.00
TRINITY_sp|P2751CBR	Carotene biosynthes	50.90	0.00
TRINITY_sp|Q8L60RPOT1-T0	DNA-directed RNA po	50.90	0.00
TRINITY_sp|B0C07pdxH	Pyridoxine/pyridoxa	50.90	0.00
TRINITY_sp|O0754yheH	Probable multidrug	50.90	0.00
TRINITY_sp|Q4KM0cry-das0	Cryptochrome DASH O	50.90	0.00
TRINITY_sp|O2204ANP1	Mitogen-activated p	50.90	0.00
TRINITY_sp|Q8RW0TMN10	Transmembrane 9 sup	50.90	0.00
TRINITY_sp|Q9XF0DDM1	ATP-dependent DNA h	50.90	0.00
TRINITY_sp|P3404gpaD	Guanine nucleotide-	50.90	0.00
TRINITY_sp|F8RP0HOP	Hsp70-Hsp90 organiz	50.90	0.00
TRINITY_sp|P1859Atp2a3	Sarcoplasmic/endopl	50.90	0.00
TRINITY_sp|Q86A0spkA-1	Stress-activated pr	50.90	0.00
TRINITY_sp|Q5ZI0TRAPPC3	Trafficking protein	50.90	0.00
TRINITY_sp|O5487AIMP1	Aminoacyl tRNA synt	50.90	0.00
TRINITY_sp|H3JU0SGT1	Peptidyl serine alp	50.90	0.00
TRINITY_sp|P5344CTN	Caltractin OS=Naegl	50.90	0.00
TRINITY_sp|Q8LC0At5g0390	Iron-sulfur assembl	50.90	0.00
TRINITY_sp|F8WL0Kif28p	Kinesin-like protei	50.80	0.00
TRINITY_sp|Q29A0GA14342	Mitochondrial GTPas	50.80	0.00
TRINITY_sp|Q4060RGB1	Guanine nucleotide-	50.80	0.00
TRINITY_sp|Q54N0memo1	Protein MEMO1 homol	50.80	0.00
TRINITY_sp|Q9XW0acdh-11	Acyl-CoA dehydrogen	50.80	0.00
TRINITY_sp|Q54V0ctps	CTP synthase OS=Dic	50.80	0.00
TRINITY_sp|Q8UV0brix1	Ribosome biogenesis	50.80	0.00
TRINITY_sp|Q8R20Ptrh2	Peptidyl-tRNA hydro	50.80	0.00
TRINITY_sp|Q54C0csn6	COP9 signalosome co	50.80	0.00
TRINITY_sp|Q9M00MFDX1	Adrenodoxin-like pr	50.80	0.00
TRINITY_sp|Q9LK0AMT1-5	Putative ammonium t	50.80	0.00

TRINITY_sp|Q91VF	Ddx1	ATP-dependent RNA h	50.80	0.00
TRINITY_sp|Q54EY	eif2b2	Translation initiat	50.80	0.00
TRINITY_sp|Q8K3I	Tdh	L-threonine 3-dehyd	50.80	0.00
TRINITY_sp|Q6317	Dnah7	Dynein heavy chain	50.80	0
TRINITY_sp|Q1EB\	BPM5	BTB/POZ and MATH do	50.80	0.00
TRINITY_sp|Q1545	SF3A1	Splicing factor 3A	50.80	0.00
TRINITY_sp|Q9FK1	COX15	Cytochrome c oxidas	50.80	0.00
TRINITY_sp|P3414	racA	Rho-related protein	50.80	0.00
TRINITY_sp|P2161	-	Pyrophosphate-energ	50.80	0.00
TRINITY_sp|P4177	Nolc1	Nucleolar and coile	50.80	0.00
TRINITY_sp|Q5QU3	msbA	Lipid A export ATP-	50.80	0.00
TRINITY_sp|Q0922	cpna-2	Copine family prote	50.80	0.00
TRINITY_sp|Q3905	CNX1	Molybdopterin biosy	50.80	0.00
TRINITY_sp|Q8WX\	DNAH7	Dynein heavy chain	50.80	0.00
TRINITY_sp|P5467	patB	Probable plasma mem	50.80	0.00
TRINITY_sp|P3899	LYS5	Saccharopine dehydr	50.80	0.00
TRINITY_sp|Q9FV\	NAP5	Probable non-intrin	50.80	0.00
TRINITY_sp|Q8T21	sepA	Serine/threonine-pr	50.80	0.00
TRINITY_sp|O1551	POLR2D	DNA-directed RNA po	50.80	0.00
TRINITY_sp|P1512	AKR1B1	Aldose reductase OS	50.80	0.00
TRINITY_sp|Q3MG8	grpE	Protein GrpE OS=Ana	50.80	0.00
TRINITY_sp|Q9469	RAP1	Ras-related protein	50.80	0.00
TRINITY_sp|F4JN\	P4H8	Probable prolyl 4-h	50.80	0.00
TRINITY_sp|Q9P95	alxA	Alternative oxidase	50.80	0.00
TRINITY_sp|Q9C0\	DNAH6	Dynein heavy chain	50.80	0.00
TRINITY_sp|O8065	SKIP	SNW/SKI-interacting	50.80	0.00
TRINITY_sp|Q8X02	carRA	Bifunctional lycope	50.80	0.00
TRINITY_sp|P5498	carB	Phytoene desaturase	50.80	0.00
TRINITY_sp|Q56V5	FAD7	sn-2 acyl-lipid ome	50.80	0.00
TRINITY_sp|Q9C5I	At3g4742	Putative glycerol-3	50.80	0.00
TRINITY_sp|Q54IF	DDB_G028	WASH complex subuni	50.80	0.00
TRINITY_sp|O461\	(noi	Splicing factor 3A	50.80	0.00
TRINITY_sp|Q6C6\	ATM1	Iron-sulfur cluster	50.80	0.00
TRINITY_sp|O6007	ubp12	Probable ubiquitin	50.80	0.00
TRINITY_sp|Q86L\	(trap1	TNF receptor-associ	50.80	0.00
TRINITY_sp|O7603	CDKL5	Cyclin-dependent ki	50.80	0.00
TRINITY_sp|Q9HC5	XAB2	Pre-mRNA-splicing f	50.80	0.00
TRINITY_sp|Q2R0\	U2AF65A	Splicing factor U2a	50.80	0.00
TRINITY_sp|Q8BM\	Lars	Leucine--tRNA ligas	50.80	0
TRINITY_sp|Q9Z27	MBTPS1	Membrane-bound tran	50.80	0.00
TRINITY_sp|Q551H	fray2	Serine/threonine-pr	50.80	0.00
TRINITY_sp|P0257	-	Actin-1 OS=Acantham	50.80	0.00
TRINITY_sp|Q9Y37	COQ4	Ubiquinone biosynth	50.80	0.00
TRINITY_sp|P5427	Pms2	Mismatch repair end	50.70	0.00
TRINITY_sp|Q8QZ\	Fgpt	Alanine aminotransf	50.70	0.00
TRINITY_sp|Q5ZM7	PRPF19	Pre-mRNA-processing	50.70	0.00
TRINITY_sp|Q8RB\	(dnaJ	Chaperone protein D	50.70	0.00
TRINITY_sp|Q3S27	mokA	Lovastatin nonaketi	50.70	0.00
TRINITY_sp|Q86C\	(tor	Target of rapamycin	50.70	0.00
TRINITY_sp|Q6EM\	TTLL5	Tubulin polyglutamy	50.70	0.00
TRINITY_sp|Q8VY1	LSM8	Sm-like protein LSM	50.70	0.00
TRINITY_sp|Q7YS\	vcanA	Calcineurin subunit	50.70	0.00
TRINITY_sp|Q9ZV\	UBC23	Probable ubiquitin-	50.70	0.00
TRINITY_sp|Q6P3\	FNEK5	Serine/threonine-pr	50.70	0.00
TRINITY_sp|Q9V3I	Dyrk2	Dual specificity ty	50.70	0.00
TRINITY_sp|Q52K1	Srrm1	Serine/arginine rep	50.70	0.00

TRINITY_sp|Q8LB(DAPB2	4-hydroxy-tetrahydr	50.70	0.00
TRINITY_sp|O816(KIN14G	Kinesin-like protei	50.70	0.00
TRINITY_sp|Q2357dbt-1	Lipoamide acyltrans	50.70	0.00
TRINITY_sp|Q9P77vas2	AP-1 complex subuni	50.70	0.00
TRINITY_sp|Q54P5cpnC	Copine-C OS=Dictyos	50.70	0.00
TRINITY_sp|Q54I1smkA	Suppressor of Mek1	50.70	0.00
TRINITY_sp|Q9ATFADA2B	Transcriptional ada	50.70	0.00
TRINITY_sp|Q9ZT5Os06g05(	Probable methionine	50.70	0.00
TRINITY_sp|Q5587argS1	Probable arginine--	50.70	0.00
TRINITY_sp|Q0085MAPK	Mitogen-activated p	50.70	0.00
TRINITY_sp|Q5RJ(CNo110	Nucleolar protein 1	50.70	0.00
TRINITY_sp|P5519PURKE	Phosphoribosylamino	50.70	0.00
TRINITY_sp|P4329MCM7	DNA replication lic	50.70	0.00
TRINITY_sp|P1946Gclc	Glutamate--cysteine	50.70	0.00
TRINITY_sp|Q9SHERUB1	Ubiquitin-NEDD8-lik	50.70	0.00
TRINITY_sp|Q9ASUPPAN	Peter Pan-like prot	50.70	0.00
TRINITY_sp|Q54U9pgmB	Probable phosphoglu	50.70	0.00
TRINITY_sp|Q54Y2ndrA	Probable serine/thr	50.70	0.00
TRINITY_sp|P4597USP5	Ubiquitin carboxyl-	50.70	0.00
TRINITY_sp|Q6QNM-	Casein kinase I OS=	50.70	0.00
TRINITY_sp|Q8LPIALPHA-AIAP-2	complex subuni	50.70	0.00
TRINITY_sp|Q94C1At3g5212	SURP and G-patch do	50.70	0.00
TRINITY_sp|Q8T13kif5	Kinesin-related pro	50.70	0.00
TRINITY_sp|Q8VB2Clptm1	Cleft lip and palat	50.70	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	50.70	0
TRINITY_sp|B4SD2xerC	Tyrosine recombinas	50.70	0.00
TRINITY_sp|Q9H58HEATR1	HEAT repeat-contain	50.60	0.00
TRINITY_sp|P4648GDCSH	Glycine cleavage sy	50.60	0.00
TRINITY_sp|Q0VC2YTHDF2	YTH domain-containi	50.60	0.00
TRINITY_sp|Q5JLICIPK8	CBL-interacting pro	50.60	0.00
TRINITY_sp|I0IUIMCM9	DNA helicase MCM9 O	50.60	0.00
TRINITY_sp|Q2PQFAGL	Glycogen debranchin	50.60	0.00
TRINITY_sp|P3488pkc-1	Protein kinase C-li	50.60	0.00
TRINITY_sp|Q2413TH1	Negative elongation	50.60	0.00
TRINITY_sp|Q54N77tmk1	Seven transmembrane	50.60	0.00
TRINITY_sp|Q9ZPF CDC48B	Cell division contr	50.60	0.00
TRINITY_sp|Q96S1WDR24	WD repeat-containin	50.60	0.00
TRINITY_sp|Q86A9wars2	Tryptophan--tRNA li	50.60	0.00
TRINITY_sp|B3QWFfbp	Fructose-1,6-bispho	50.60	0.00
TRINITY_sp|Q75LVOs03g062	U3 snoRNP-associate	50.60	0.00
TRINITY_sp|Q4P62CYP3	Peptidyl-prolyl cis	50.60	0.00
TRINITY_sp|Q8INEAkt1	RAC serine/threonin	50.60	0.00
TRINITY_sp|Q1ZX9prlA	Proliferation-assoc	50.60	0.00
TRINITY_sp|F4HYIDCD	Bifunctional D-cyst	50.60	0.00
TRINITY_sp|Q8LHI0s07g063	Transcription elong	50.60	0.00
TRINITY_sp|P1147PSBP	Oxygen-evolving enh	50.60	0.00
TRINITY_sp|Q8L72DIT2	Dicarboxylate trans	50.60	0.00
TRINITY_sp|D2HX1MASTL	Serine/threonine-pr	50.60	0.00
TRINITY_sp|Q54H7adprh	[Protein ADP-ribosy	50.60	0.00
TRINITY_sp|Q9R17Abcc5	Multidrug resistanc	50.60	0.00
TRINITY_sp|Q8MZ9-	Physarolisin OS=Phy	50.60	0.00
TRINITY_sp|Q1473PPP2R5D	Serine/threonine-pr	50.60	0.00
TRINITY_sp|Q9NWM SMOX	Spermine oxidase OS	50.60	0.00
TRINITY_sp|P4929-	Citrate synthase, g	50.60	0.00
TRINITY_sp|Q0573YPTM2	GTP-binding protein	50.60	0.00
TRINITY_sp|Q54P\ppa1	Inorganic pyrophosp	50.60	0.00

TRINITY_sp|Q0J09TOP3B	DNA topoisomerase 3	50.60	0.00
TRINITY_sp|Q9630SPY	Probable UDP-N-acet	50.60	0.00
TRINITY_sp|Q54I4HndrB	Probable serine/thr	50.60	0.00
TRINITY_sp|Q0394IM30	Membrane-associated	50.60	0.00
TRINITY_sp|Q9SS0FAB1C	Putative 1-phosphat	50.60	0.00
TRINITY_sp|Q3895At3g2656	Probable pre-mRNA-s	50.60	0.00
TRINITY_sp|Q94K0CCT8	T-complex protein 1	50.60	0.00
TRINITY_sp|Q1DX0PAB1	Polyadenylate-bindi	50.60	0.00
TRINITY_sp|Q54K0Pelof1	Transcription elong	50.60	0.00
TRINITY_sp|Q7F80CYCA1-1	Cyclin-A1-1 OS=Oryz	50.60	0.00
TRINITY_sp|Q3894RAE1	Protein RAE1 OS=Ara	50.60	0.00
TRINITY_sp|H2QL0PDE9A	High affinity cGMP-	50.60	0.00
TRINITY_sp|Q3900ATPK2	Serine/threonine-pr	50.60	0.00
TRINITY_sp|Q54P0smc2	Structural maintena	50.50	0.00
TRINITY_sp|A6QL0SACM1L	Phosphatidylinositi	50.50	0.00
TRINITY_sp|P6120DYNLL1	Dynein light chain	50.50	0.00
TRINITY_sp|Q9LE0L2HGDH	L-2-hydroxyglutarat	50.50	0.00
TRINITY_sp|Q2NL0TKTL1	Transketolase-like	50.50	0.00
TRINITY_sp|Q8RW0ISTY17	Serine/threonine-pr	50.50	0.00
TRINITY_sp|P2780ERV1	Mitochondrial FAD-l	50.50	0.00
TRINITY_sp|Q1ZX0pXi	Probable serine/thr	50.50	0.00
TRINITY_sp|Q55F0copa	Coatomer subunit al	50.50	0.00
TRINITY_sp|Q54X0ap1b1	AP-1 complex subuni	50.50	0.00
TRINITY_sp|A8EX0mnmG	tRNA uridine 5-carb	50.50	0.00
TRINITY_sp|P4120Abca2	ATP-binding cassett	50.50	0.00
TRINITY_sp|Q9T00IHSFB2B	Heat stress transcr	50.50	0.00
TRINITY_sp|Q9M80FDJ1D	Protein DJ-1 homolo	50.50	0.00
TRINITY_sp|Q8BY0Rdh12	Retinol dehydrogena	50.50	0.00
TRINITY_sp|P1890YPK2	Serine/threonine-pr	50.50	0.00
TRINITY_sp|Q54Q0Esir2A	NAD-dependent deace	50.50	0.00
TRINITY_sp|P3120pab1	Polyadenylate-bindi	50.50	0.00
TRINITY_sp|O8240At3g4610	(Histidine--tRNA lig	50.50	0.00
TRINITY_sp|Q6310Dnah1	Dynein heavy chain	50.50	0.00
TRINITY_sp|Q9Z20Letm1	LETM1 and EF-hand d	50.50	0.00
TRINITY_sp|Q5F30HCCS	Cytochrome c-type h	50.50	0.00
TRINITY_sp|P0C80MCCRP1	Probable serine/thr	50.50	0.00
TRINITY_sp|O9330smc3	Structural maintena	50.50	0.00
TRINITY_sp|Q0160LHCA1	Chlorophyll a-b bin	50.50	0.00
TRINITY_sp|Q9SM0SRP9	Signal recognition	50.50	0.00
TRINITY_sp|Q3880NRPB11	DNA-directed RNA po	50.50	0.00
TRINITY_sp|Q8AX0slc35b1	Solute carrier fami	50.50	0.00
TRINITY_sp|Q54E0Igrwd1	Glutamate-rich WD r	50.50	0.00
TRINITY_sp|B0R00si:dkey-	von Willebrand fact	50.50	0.00
TRINITY_sp|Q9FY0HPAT3	Hydroxyproline O-ar	50.50	0.00
TRINITY_sp|P7750yfcG	Disulfide-bond oxid	50.50	0.00
TRINITY_sp|Q99J0VAcyl1	Aminoacylase-1 OS=M	50.50	0.00
TRINITY_sp|O2440UBP3	Ubiquitin carboxyl-	50.50	0.00
TRINITY_sp|F4JR0At4g1846	Probable pre-mRNA-s	50.50	0.00
TRINITY_sp|Q8BW0Dnah3	Dynein heavy chain	50.50	0.00
TRINITY_sp|P2800RPC19	DNA-directed RNA po	50.50	0.00
TRINITY_sp|Q8LC0PLP3B	Thioredoxin domain-	50.50	0.00
TRINITY_sp|Q8QZ0FTat	Tyrosine aminotrans	50.50	0.00
TRINITY_sp|O0490-	Lon protease homolo	50.50	0.00
TRINITY_sp|Q53G0USP39	U4/U6.U5 tri-snRNP-	50.50	0.00
TRINITY_sp|Q3920NTR1	Thioredoxin reducta	50.50	0.00
TRINITY_sp|F4HY0IRE3	Probable serine/thr	50.50	0.00

TRINITY_sp|Q9BW5SLC4A1AI	Kanadaptin OS=Homo	50.50	0.00
TRINITY_sp|P3642ILSA	Isoleucine--tRNA li	50.50	0.00
TRINITY_sp|B2V6EhslU	ATP-dependent prote	50.50	0.00
TRINITY_sp|Q9FR5TOR	Serine/threonine-pr	50.50	0.00
TRINITY_sp|P545(yqjZ	Uncharacterized pro	50.50	0.00
TRINITY_sp|O042(PXN	Peroxisomal nicotin	50.50	0.00
TRINITY_sp|O004(MANBA	Beta-mannosidase OS	50.50	0.00
TRINITY_sp|Q9C0(DNAH6	Dynein heavy chain	50.50	0.00
TRINITY_sp|Q9Y2(POLR3K	DNA-directed RNA po	50.50	0.00
TRINITY_sp|Q9SY(LHCA3	Photosystem I chlor	50.50	0.00
TRINITY_sp|Q54B(rfc3	Probable replicatio	50.40	0.00
TRINITY_sp|Q644(Atp7a	Copper-transporting	50.40	0.00
TRINITY_sp|Q08E(SARAF	Store-operated calc	50.40	0.00
TRINITY_sp|O322(yvgN	Glyoxal reductase O	50.40	0.00
TRINITY_sp|Q54NI DDB_G02(	Protein UXT homolog	50.40	0.00
TRINITY_sp|Q1AU(rplM	50S ribosomal prote	50.40	0.00
TRINITY_sp|Q86K(cycC	Cyclin-C OS=Dictyos	50.40	0.00
TRINITY_sp|P428(ZBP14	14 kDa zinc-binding	50.40	0.00
TRINITY_sp|Q54F(mcfW	Mitochondrial subst	50.40	0.00
TRINITY_sp|Q86K(lap2a1-1	AP-2 complex subuni	50.40	0.00
TRINITY_sp|O811(PAA1	Proteasome subunit	50.40	0.00
TRINITY_sp|Q10Q(ERV1	FAD-linked sulphydr	50.40	0.00
TRINITY_sp|P511(ANP32A	Acidic leucine-rich	50.40	0.00
TRINITY_sp|Q9PV(SNRPB	Small nuclear ribon	50.40	0.00
TRINITY_sp|Q8H0(EUEL-3	Probable UDP-arabin	50.40	0.00
TRINITY_sp|Q0II(DNAJC21	DnaJ homolog subfam	50.40	0.00
TRINITY_sp|P524(PAC1	Proteasome subunit	50.40	0.00
TRINITY_sp|Q5ZJ(YARS	Tyrosine--tRNA liga	50.40	0.00
TRINITY_sp|O887(Birc6	Baculoviral IAP rep	50.40	0.00
TRINITY_sp|P067(CMD1	Calmodulin OS=Sacch	50.40	0.00
TRINITY_sp|Q9ES(Nek7	Serine/threonine-pr	50.40	0.00
TRINITY_sp|Q9DBE(Alg2	Alpha-1,3/1,6-manno	50.40	0.00
TRINITY_sp|B0TE(purH	Bifunctional purine	50.40	0.00
TRINITY_sp|O040(Atlg0894	Phosphoglycerate mu	50.40	0.00
TRINITY_sp|Q8W4(VHA-a3	V-type proton ATPas	50.40	0.00
TRINITY_sp|Q766(REV3	DNA polymerase zeta	50.40	0.00
TRINITY_sp|Q9HZ(etfA	Electron transfer f	50.40	0.00
TRINITY_sp|Q6ZG(SPP1	Signal peptide pept	50.40	0.00
TRINITY_sp|Q9C9(RER3	Protein RETICULATA-	50.40	0.00
TRINITY_sp|Q0E0(RIBA2	Probable bifunction	50.40	0.00
TRINITY_sp|P056(CTSZ	Cathepsin Z OS=Bos	50.40	0.00
TRINITY_sp|P142(RPS24	40S ribosomal prote	50.40	0.00
TRINITY_sp|Q91Y(Uckl1	Uridine-cytidine ki	50.30	0.00
TRINITY_sp|P0CD(alg7	UDP-N-acetylglucosa	50.30	0.00
TRINITY_sp|Q47P(pamO	Phenylacetone monoo	50.30	0.00
TRINITY_sp|Q9SH(RRP44A	Exosome complex exo	50.30	0.00
TRINITY_sp|Q182(rap-1	Ras-related protein	50.30	0.00
TRINITY_sp|Q9BW(CCDC94	Coiled-coil domain-	50.30	0.00
TRINITY_sp|Q86AI DDB_G02(	Probable myosin lig	50.30	0.00
TRINITY_sp|P011(RAS1	Ras-like protein 1	50.30	0.00
TRINITY_sp|Q6ZN(AGMO	Alkylglycerol monoo	50.30	0.00
TRINITY_sp|Q99L(Hibadh	3-hydroxyisobutyrat	50.30	0.00
TRINITY_sp|Q9RX(treZ	Malto-oligosyltreha	50.30	0.00
TRINITY_sp|B1M7(prfA	Peptide chain relea	50.30	0.00
TRINITY_sp|Q17R(RAB21	Ras-related protein	50.30	0.00
TRINITY_sp|Q80W(Abcc12	Multidrug resistanc	50.30	0.00

TRINITY_sp|Q9FTMED34	Mediator of RNA pol	50.30	0.00
TRINITY_sp|B0G14ucpB	Mitochondrial subst	50.30	0.00
TRINITY_sp|Q63S2prmb	50S ribosomal prote	50.30	0.00
TRINITY_sp|P4324MSH2	DNA mismatch repair	50.30	0.00
TRINITY_sp|Q9LFXPT	Xylulose 5-phosphat	50.30	0.00
TRINITY_sp|P3745hprT	Hypoxanthine-guanin	50.30	0.00
TRINITY_sp|O8055At2g4405	6,7-dimethyl-8-ribi	50.30	0.00
TRINITY_sp|Q9XZ0culB	Cullin-2 OS=Dictyos	50.30	0.00
TRINITY_sp|Q84K4ABCA2	ABC transporter A f	50.30	0.00
TRINITY_sp|P5249UBA1	Ubiquitin-activatin	50.30	0.00
TRINITY_sp|Q4384SS3	Soluble starch synt	50.30	0.00
TRINITY_sp|P5115RAB22A	Ras-related protein	50.30	0.00
TRINITY_sp|P4039RIC1	Ras-related protein	50.30	0.00
TRINITY_sp|P4039RIC1	Ras-related protein	50.30	0.00
TRINITY_sp|Q9FG9QS	Quinolinate synthas	50.30	0.00
TRINITY_sp|Q9652CAT1	Catalase-1 OS=Arabi	50.30	0.00
TRINITY_sp|Q3905CNX1	Molybdopterin biosy	50.30	0.00
TRINITY_sp|Q6312Abcc2	Canalicular multisp	50.30	0.00
TRINITY_sp|A6N60Wdr35	WD repeat-containin	50.30	0
TRINITY_sp|P5370GFA1	Glutamine--fructose	50.30	0.00
TRINITY_sp|Q5E91BCS1L	Mitochondrial chape	50.20	0.00
TRINITY_sp|Q9VPICG13690	Ribonuclease H2 sub	50.20	0.00
TRINITY_sp|Q54KEgluD	Glutamate dehydroge	50.20	0.00
TRINITY_sp|O3221yvgN	Glyoxal reductase O	50.20	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	50.20	0.00
TRINITY_sp|Q55E1pykA	Pyridoxal kinase OS	50.20	0.00
TRINITY_sp|Q8A02asnS	Asparagine--tRNA li	50.20	0.00
TRINITY_sp|Q8BV1Mett16	Methyltransferase-1	50.20	0.00
TRINITY_sp|Q7YSVcanA	Calcineurin subunit	50.20	0.00
TRINITY_sp|O9562DUS4L	tRNA-dihydrouridine	50.20	0.00
TRINITY_sp|P1593acu-8	Acetyl-CoA hydrolas	50.20	0.00
TRINITY_sp|O8246At5g2670	Glutamate--tRNA lig	50.20	0.00
TRINITY_sp|O6112svkA	Serine/threonine-pr	50.20	0.00
TRINITY_sp|P4679cysB	Cystathionine beta-	50.20	0.00
TRINITY_sp|Q73KEserS	Serine--tRNA ligase	50.20	0.00
TRINITY_sp|Q9C55RH5	DEAD-box ATP-depend	50.20	0.00
TRINITY_sp|Q3895At3g2656	Probable pre-mRNA-s	50.20	0.00
TRINITY_sp|Q8TD5DNAH3	Dynein heavy chain	50.20	0.00
TRINITY_sp|Q8XIFdeoc	Deoxyribose-phospha	50.20	0.00
TRINITY_sp|Q8H30ILL8	IAA-amino acid hydr	50.20	0.00
TRINITY_sp|P2587RPL15	50S ribosomal prote	50.20	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	50.20	0.00
TRINITY_sp|Q54T0rio2	Serine/threonine-pr	50.20	0.00
TRINITY_sp|Q55B1nmd3	60S ribosomal expor	50.20	0.00
TRINITY_sp|P1556ade6	Phosphoribosylamino	50.20	0.00
TRINITY_sp|Q5631TM_0019	Uncharacterized oxi	50.20	0.00
TRINITY_sp|Q9Y61PARP3	Poly [ADP-ribose] p	50.20	0.00
TRINITY_sp|Q54S7wdr3	WD repeat-containin	50.20	0.00
TRINITY_sp|P7362mutS2	Endonuclease MutS2	50.20	0.00
TRINITY_sp|O0419ISA1	Isoamylase 1, chlor	50.20	0.00
TRINITY_sp|B9DH1ARIA	ARM REPEAT PROTEIN	50.20	0.00
TRINITY_sp|Q0846ADK-B	Adenylate kinase 4	50.20	0.00
TRINITY_sp|Q10M1Os03g030	DEAD-box ATP-depend	50.10	0.00
TRINITY_sp|Q1030gdi1	Probable secretory	50.10	0.00
TRINITY_sp|E1BN0ascc3	Activating signal c	50.10	0.00
TRINITY_sp|Q9Z00Txnrd2	Thioredoxin reducta	50.10	0.00

TRINITY_sp|P0477-	Glutamine synthetas	50.10	0.00
TRINITY_sp|Q54JHogdh	2-oxoglutarate dehy	50.10	0.00
TRINITY_sp|Q54GEmdhA	Probable malate deh	50.00	0.00
TRINITY_sp|Q50E)ODO1	Protein ODORANT1 OS	50.00	0.00
TRINITY_sp|Q9UR)SPAC869	Uncharacterized hem	50.00	0.00
TRINITY_sp|Q008)MAPK	Mitogen-activated p	50.00	0.00
TRINITY_sp|Q4QT)NCS1	S-norcoclaurine syn	50.00	0.00
TRINITY_sp|P407)Rac1	Ras-related protein	50.00	0.00
TRINITY_sp|P631)SNRPN	Small nuclear ribon	50.00	0.00
TRINITY_sp|Q93D)sdcbA	Putative ABC transp	50.00	0.00
TRINITY_sp|P617)aptx	Aprataxin OS=Danio	50.00	0.00
TRINITY_sp|O344)pgl	6-phosphogluconolac	50.00	0.00
TRINITY_sp|Q3UD)Wdr41	WD repeat-containin	50.00	0.00
TRINITY_sp|Q5E9)ARF3	ADP-ribosylation fa	50.00	0.00
TRINITY_sp|P505)vps34	Phosphatidylinosito	50.00	0.00
TRINITY_sp|Q8TA)SNIP1	Smad nuclear-intera	50.00	0.00
TRINITY_sp|Q103)SPBC582	Putative alanine am	50.00	0.00
TRINITY_sp|Q212)K07E3.7	Probable cation-tra	50.00	0.00
TRINITY_sp|Q6XH)roco4	Probable serine/thr	50.00	0.00
TRINITY_sp|Q9DE)latr	Serine/threonine-pr	50.00	0.00
TRINITY_sp|Q9FP)THA2	Probable low-specif	50.00	0.00
TRINITY_sp|Q55G)gtaE	GATA zinc finger do	50.00	0.00
TRINITY_sp|P2407-	Glu S.griseus prote	50.00	0.00
TRINITY_sp|P2407-	Glu S.griseus prote	50.00	0.00
TRINITY_sp|P175)RENBP	N-acylglucosamine 2	50.00	0.00
TRINITY_sp|Q220)R166.3	Uncharacterized pro	50.00	0.00
TRINITY_sp|P0CM)ARP6	Actin-like protein	50.00	0.00
TRINITY_sp|P176)FMO2	Dimethylaniline mon	50.00	0.00
TRINITY_sp|Q6AX)Sae1	SUMO-activating enz	50.00	0.00
TRINITY_sp|P0DJ)STRA13	Centromere protein	50.00	0.00
TRINITY_sp|B1I1)lrpmD	50S ribosomal prote	50.00	0.00
TRINITY_sp|Q65N)topB	DNA topoisomerase 3	50.00	0.00
TRINITY_sp|Q278)DYH1B	Cytoplasmic dynein	50.00	0.00
TRINITY_sp|Q54U)DDB_G02	Glutathione S-trans	50.00	0.00
TRINITY_sp|Q8LF)IDH1	Isocitrate dehydrog	50.00	0.00
TRINITY_sp|B2UX)asnS	Asparagine--tRNA li	50.00	0.00
TRINITY_sp|Q9CZ)Rab32	Ras-related protein	50.00	0.00
TRINITY_sp|Q5BM)PLD	Phospholipase D OS=	50.00	0.00
TRINITY_sp|B9Q0)TGVEG_21	Anamorsin homolog O	50.00	0.00
TRINITY_sp|Q8WY)SLC7A3	Cationic amino acid	50.00	0.00
TRINITY_sp|Q9XY)fcfA	Probable C-terminal	50.00	0.00
TRINITY_sp|P454)nudA	Dynein heavy chain,	50.00	0.00
TRINITY_sp|Q0V8)EASNSD1	Asparagine syntheta	50.00	0.00
TRINITY_sp|Q53F)TP53I3	Quinone oxidoreduct	50.00	0.00
TRINITY_sp|B8CX)IdnaJ	Chaperone protein D	50.00	0.00
TRINITY_sp|Q097)SPBC12C2	Probable glutamine-	50.00	0.00
TRINITY_sp|Q59R)PIF1	ATP-dependent DNA h	50.00	0.00
TRINITY_sp|Q9BV)PBDC1	Protein PBDC1 OS=Ho	50.00	0.00
TRINITY_sp|Q5M9)rnf181	E3 ubiquitin-protei	50.00	0.00
TRINITY_sp|Q09X)Chd8	Chromodomain-helica	50.00	0.00
TRINITY_sp|Q9C7)INT2	Probable inositol t	50.00	0.00
TRINITY_sp|Q401)RAB11D	Ras-related protein	50.00	0.00
TRINITY_sp|Q4R5)MCTSB	Cathepsin B OS=Maca	50.00	0.00
TRINITY_sp|Q148)LASP1	LIM and SH3 domain	50.00	0.00
TRINITY_sp|Q7YS)vcnA	Calcineurin subunit	50.00	0.00
TRINITY_sp|Q1ZX)gxcDD	Guanine exchange fa	50.00	0.00

TRINITY_sp|F4JY{TCX7	Protein tesmin/TSO1	50.00	0.00
TRINITY_sp|Q9UKIMRTO4	mRNA turnover prote	50.00	0.00
TRINITY_sp|Q145{DHX8	ATP-dependent RNA h	50.00	0.00
TRINITY_sp|Q294{MAN2B1	Lysosomal alpha-man	50.00	0.00
TRINITY_sp|Q9XF{DDM1	ATP-dependent DNA h	50.00	0.00
TRINITY_sp|Q54W{bzipF	Probable basic-leuc	50.00	0.00
TRINITY_sp|Q94K{PAP2	Plastid lipid-assoc	50.00	0.00
TRINITY_sp|P277{TRP1	Multifunctional try	50.00	0.00
TRINITY_sp|Q099{nth1	Endonuclease III ho	50.00	0.00
TRINITY_sp|Q86C{tor	Target of rapamycin	50.00	0.00
TRINITY_sp|Q99P{Lpin3	Phosphatidate phosp	50.00	0.00
TRINITY_sp|Q9SN{ATL59	E3 ubiquitin-protei	50.00	0.00
TRINITY_sp|A8I9{CFAP45	Cilia- and flagella	50.00	0.00
TRINITY_sp|Q9D8{Dnajb4	DnaJ homolog subfam	50.00	0.00
TRINITY_sp|Q3ZB{-	UPF0235 protein C15	50.00	0.00
TRINITY_sp|Q6DB{At5g0582	Probable sugar phos	50.00	0.00
TRINITY_sp|Q005{CDKL1	Cyclin-dependent ki	50.00	0.00
TRINITY_sp|Q93V{ATG18A	Autophagy-related p	50.00	0.00
TRINITY_sp|P267{bvgS	Virulence sensor pr	50.00	0.00
TRINITY_sp|P512{ycf36	Uncharacterized pro	50.00	0.00
TRINITY_sp|Q54Q{UDB_G02{	Probable zinc trans	50.00	0.00
TRINITY_sp|Q9FG{GCP3	Gamma-tubulin compl	50.00	0.00
TRINITY_sp|A2YX{SPL15	Squamosa promoter-b	50.00	0.00
TRINITY_sp|Q8VZ{RMR2	Receptor homology r	50.00	0.00
TRINITY_sp|Q9NZ{EIF2AK3	Eukaryotic translat	50.00	0.00
TRINITY_sp|Q9Y3{EXOSC1	Exosome complex com	50.00	0.00
TRINITY_sp|Q135{SQSTM1	Sequestosome-1 OS=H	50.00	0.00
TRINITY_sp|Q104{gsk3	Protein kinase gsk3	50.00	0.00
TRINITY_sp|P368{YPTV2	GTP-binding protein	50.00	0.00
TRINITY_sp|Q9NW{RBM28	RNA-binding protein	50.00	0.00
TRINITY_sp|Q926{NUP205	Nuclear pore comple	50.00	0.00
TRINITY_sp|Q203{ppt-1	Palmitoyl-protein t	50.00	0.00
TRINITY_sp|B1XL{HglgC	Glucose-1-phosphate	50.00	0.00
TRINITY_sp|P980{c3	Complement C3 (Frag	50.00	0.00
TRINITY_sp|O154{ABCC4	Multidrug resistanc	50.00	0.00
TRINITY_sp|A5H0{DUR1,2	Urea amidolyase OS=	50.00	0.00
TRINITY_sp|Q8BW{Dnah3	Dynein heavy chain	50.00	0.00
TRINITY_sp|Q9HZ{HefB	Electron transfer f	50.00	0.00
TRINITY_sp|P929{MDAR5	Monodehydroascorbat	50.00	0.00
TRINITY_sp|Q93V{RPS1	30S ribosomal prote	50.00	0.00
TRINITY_sp|A3KM{RANBP10	Ran-binding protein	50.00	0.00
TRINITY_sp|P929{RANBP1C	Ran-binding protein	50.00	0.00
TRINITY_sp|P943{ycgL	Uncharacterized pro	50.00	0.00
TRINITY_sp|Q3SZ{PTRHD1	Putative peptidyl-t	50.00	0.00
TRINITY_sp|Q9ZR{MLH1	DNA mismatch repair	50.00	0.00
TRINITY_sp|Q54F{neif2b4	Translation initiat	50.00	0.00
TRINITY_sp|P052{(Su(var)2	Heterochromatin pro	50.00	0.00
TRINITY_sp|P919{-	ADP-ribosylation fa	50.00	0.00
TRINITY_sp|Q9C5{HISN8	Histidinol dehydrog	50.00	0.00
TRINITY_sp|Q7Z7{TMED4	Transmembrane emp24	50.00	0.00
TRINITY_sp|O597{gyp1	GTPase-activating p	50.00	0.00
TRINITY_sp|Q5RB{PRCP	Lysosomal Pro-X car	50.00	0.00
TRINITY_sp|Q54S{vps15	Probable serine/thr	50.00	0.00
TRINITY_sp|Q9NEV{rsp-3	Probable splicing f	50.00	0.00
TRINITY_sp|Q9NI{PEK	Eukaryotic translat	50.00	0.00
TRINITY_sp|A2BD{Mocs3	Adenylyltransferase	50.00	0.00

TRINITY_sp|Q839fhpt	Hypoxanthine-guanin	50.00	0.00
TRINITY_sp|O597fgyp1	GTPase-activating p	50.00	0.00
TRINITY_sp|Q395fYPTC6	Ras-related protein	50.00	0.00
TRINITY_sp|O044zSRP14	Signal recognition	50.00	0.00
TRINITY_sp|Q8GW4BIOF	8-amino-7-oxonono	50.00	0.00
TRINITY_sp|O137fssr1	SWI/SNF and RSC com	50.00	0.00
TRINITY_sp|P762fmsrC	Free methionine-R-s	50.00	0.00
TRINITY_sp|Q3T0MRANBP1	Ran-specific GTPase	50.00	0.00
TRINITY_sp|Q9JWfcrsmI	Ribosomal RNA small	50.00	0.00
TRINITY_sp|Q69ZfHbs11	HBS1-like protein O	50.00	0.00
TRINITY_sp|Q9ZVfRRP4	Exosome complex com	50.00	0.00
TRINITY_sp|O087fAmpd3	AMP deaminase 3 OS=	50.00	0.00
TRINITY_sp|Q9C0fDNAH6	Dynein heavy chain	50.00	0.00
TRINITY_sp|Q9P2fHIFT80	Intraflagellar tran	50.00	0.00
TRINITY_sp|O807fMCM5	DNA replication lic	50.00	0.00
TRINITY_sp|P451fcan	Carbonic anhydrase	50.00	0.00
TRINITY_sp|Q0JGfPSB28	Photosystem II reac	50.00	0.00
TRINITY_sp|Q93WfLhcb4	Chlorophyll a-b bin	50.00	0.00
TRINITY_sp|Q9FTfTPT	Triose phosphate/ph	50.00	0.00
TRINITY_sp|Q8YMfftsH	ATP-dependent zinc	50.00	0.00
TRINITY_sp|Q6DDfTbcl1d31	TBC1 domain family	50.00	0.00
TRINITY_sp|Q27YfURSP5	Flagellar radial sp	50.00	0.00
TRINITY_sp|A7MVfVIBHAR_(UPF0061 protein VIB		50.00	0.00
TRINITY_sp|Q54Xfpah	Phenylalanine-4-hyd	50.00	0.00
TRINITY_sp|Q5U3fkatn11	Katanin p60 ATPase-	50.00	0.00
TRINITY_sp|Q2KHfMACROD1	O-acetyl-ADP-ribose	50.00	0.00
TRINITY_sp|Q2TBfVZNHIT2	Zinc finger HIT dom	50.00	0.00
TRINITY_sp|Q027fMAP3K10	Mitogen-activated p	50.00	0.00
TRINITY_sp|P628fRAP1A	Ras-related protein	50.00	0.00
TRINITY_sp|Q9FFfABCG28	ABC transporter G f	50.00	0.00
TRINITY_sp|B8J8fEglgA	Glycogen synthase O	50.00	0.00
TRINITY_sp|Q7SCfcrps-25	40S ribosomal prote	50.00	0.00
TRINITY_sp|Q9VXfCG6762	Putative sulfiredox	50.00	0.00
TRINITY_sp|A7E3fPTPDC1	Protein tyrosine ph	50.00	0.00
TRINITY_sp|Q93VfAt3g026fWAT1-related protei		50.00	0.00
TRINITY_sp|P623fCPK4	Calcium-dependent p	50.00	0.00
TRINITY_sp|Q54FfmcfW	Mitochondrial subst	50.00	0.00
TRINITY_sp|F4I3fNRPA2	DNA-directed RNA po	50.00	0.00
TRINITY_sp|Q9H1fKIF13A	Kinesin-like protei	50.00	0.00
TRINITY_sp|P0C7fIUMAG_111	Putative DEAH-box A	50.00	0.00
TRINITY_sp|Q9ZQfACX1.2	Putative peroxisoma	50.00	0.00
TRINITY_sp|O440fPYK	Pyruvate kinase OS=	50.00	0.00
TRINITY_sp|Q653fOs06g06f	Probable alpha-gluc	50.00	0.00
TRINITY_sp|Q9CQf-	Uncharacterized pro	50.00	0.00
TRINITY_sp|P078fCel	Bile salt-activated	50.00	0.00
TRINITY_sp|Q9FPfUBP24	Ubiquitin carboxyl-	50.00	0.00
TRINITY_sp|Q213fgst-4	Glutathione S-trans	50.00	0.00
TRINITY_sp|Q9S7fACL5	Thermospermine synt	50.00	0.00
TRINITY_sp|Q9DEfBAZ2B	Bromodomain adjacen	50.00	0.00
TRINITY_sp|Q8MLfzpded	cGMP-dependent 3',5	50.00	0.00
TRINITY_sp|P505fsck1	Serine/threonine-pr	50.00	0.00
TRINITY_sp|Q95PfdhkC	Hybrid signal trans	50.00	0.00
TRINITY_sp|P126fBCKDHA	2-oxoisovalerate de	49.90	0.00
TRINITY_sp|Q54Pfabcc8	ABC transporter C f	49.90	0.00
TRINITY_sp|Q9LRFGL01	Peroxisomal (S)-2-h	49.90	0.00
TRINITY_sp|Q9LIFBAM1	Beta-amylase 1, chl	49.90	0.00

TRINITY_sp|B9F67Os03g021	Probable glucan 1,3	49.90	0.00
TRINITY_sp|A0A01tkt	Transketolase OS=Ge	49.90	0.00
TRINITY_sp|Q54Y2alaS	Alanine--tRNA ligas	49.90	0.00
TRINITY_sp|Q6PFVPPIP5K1	Inositol hexakispho	49.90	0.00
TRINITY_sp|O1413elf1	mRNA export factor	49.90	0.00
TRINITY_sp|Q0508UBE3A	Ubiquitin-protein 1	49.80	0.00
TRINITY_sp|P4265-	14-3-3-like protein	49.80	0.00
TRINITY_sp|Q86K0DDB_G027	Probable GH family	49.80	0.00
TRINITY_sp|Q54N2memo1	Protein MEMO1 homol	49.80	0.00
TRINITY_sp|Q9268ALG3	Dol-P-Man:Man(5)Glc	49.80	0.00
TRINITY_sp|A5PLITMEM189	Transmembrane prote	49.80	0.00
TRINITY_sp|P5989Nek6	Serine/threonine-pr	49.80	0.00
TRINITY_sp|Q9SA2RH36	DEAD-box ATP-depend	49.80	0.00
TRINITY_sp|Q9C00DNAH6	Dynein heavy chain	49.80	0.00
TRINITY_sp|Q54WVDDB_G027	Probable serine/thr	49.80	0.00
TRINITY_sp|Q9LK0SYP32	Syntaxin-32 OS=Arab	49.80	0.00
TRINITY_sp|Q86AIDDB_G027	Probable myosin lig	49.80	0.00
TRINITY_sp|Q54Mfadk	Adenosine kinase OS	49.80	0.00
TRINITY_sp|Q8L33FZR2	Protein FIZZY-RELAT	49.80	0.00
TRINITY_sp|P4333At1g0976	U2 small nuclear ri	49.80	0.00
TRINITY_sp|Q7XK0PYRD	Dihydroorotate dehy	49.80	0.00
TRINITY_sp|A2Q0UrpSa	40S ribosomal prote	49.80	0.00
TRINITY_sp|Q84RFARI7	Probable E3 ubiquit	49.80	0.00
TRINITY_sp|Q3965PSAL	Photosystem I react	49.80	0.00
TRINITY_sp|H2E77TMT-1	Squalene methyltran	49.80	0.00
TRINITY_sp|A2YR1ARP4	Actin-related prote	49.80	0.00
TRINITY_sp|Q9U64cmfB	Conditioned medium	49.80	0.00
TRINITY_sp|P2818RABD2A	Ras-related protein	49.80	0.00
TRINITY_sp|Q6WWWUPL3	E3 ubiquitin-protei	49.80	0.00
TRINITY_sp|F4KD7DUR3	Urea-proton symport	49.80	0.00
TRINITY_sp|P5181PRKX	cAMP-dependent prot	49.80	0.00
TRINITY_sp|Q55Ganca2	Nuclear control of	49.70	0.00
TRINITY_sp|P0446-	Calmodulin OS=Triti	49.70	0.00
TRINITY_sp|Q0573YPTM2	GTP-binding protein	49.70	0.00
TRINITY_sp|P4039RIC1	Ras-related protein	49.70	0.00
TRINITY_sp|Q6PC1ssu72	RNA polymerase II s	49.70	0.00
TRINITY_sp|Q9D77EDus2	tRNA-dihydrouridine	49.70	0.00
TRINITY_sp|Q54I7cpox	Oxygen-dependent co	49.70	0.00
TRINITY_sp|Q7YSVcanA	Calcineurin subunit	49.70	0.00
TRINITY_sp|F4HY0IRE3	Probable serine/thr	49.70	0.00
TRINITY_sp|Q9UK5CCNL1	Cyclin-L1 OS=Homo s	49.70	0.00
TRINITY_sp|Q3T01CTSH	Pro-cathepsin H OS=	49.70	0.00
TRINITY_sp|O9535ATG7	Ubiquitin-like modi	49.70	0.00
TRINITY_sp|O6560MSH3	DNA mismatch repair	49.70	0.00
TRINITY_sp|Q76Nvhpd	4-hydroxyphenylpyru	49.70	0.00
TRINITY_sp|A0JN5SF3B3	Splicing factor 3B	49.70	0.00
TRINITY_sp|Q9FPFTHA2	Probable low-specif	49.70	0.00
TRINITY_sp|Q53G5USP39	U4/U6.U5 tri-snRNP-	49.70	0.00
TRINITY_sp|O2457RP-P0	60S acidic ribosoma	49.70	0.00
TRINITY_sp|Q0974dbp5	ATP-dependent RNA h	49.70	0.00
TRINITY_sp|O4290rti1	DNA repair and reco	49.70	0.00
TRINITY_sp|Q8BMFDlat	Dihydrolipoyllysine	49.70	0.00
TRINITY_sp|Q55D9paka	Serine/threonine-pr	49.70	0.00
TRINITY_sp|Q9P71SPAC186	.2-hydroxyacid dehyd	49.70	0.00
TRINITY_sp|Q5L07psuG	Pseudouridine-5'-ph	49.70	0.00
TRINITY_sp|Q9UQVspe1	Ornithine decarboxy	49.70	0.00

TRINITY_sp|Q91V4Abca7	ATP-binding cassett	49.70	0.00
TRINITY_sp|Q86A6polr3a	DNA-directed RNA po	49.70	0.00
TRINITY_sp|Q9QXINme7	Nucleoside diphosph	49.70	0.00
TRINITY_sp|Q54BMDDB_G029	UPF0652 protein OS=	49.70	0.00
TRINITY_sp|Q8BU3Ilvb1	Acetolactate syntha	49.70	0.00
TRINITY_sp|Q9MAFSCPL44	Serine carboxypepti	49.70	0.00
TRINITY_sp|Q27YURSP1	Flagellar radial sp	49.70	0.00
TRINITY_sp|Q6EVEBRM	ATP-dependent helic	49.70	0.00
TRINITY_sp|Q9FNISS1	Starch synthase 1,	49.70	0.00
TRINITY_sp|Q9LFRPOT2	DNA-directed RNA po	49.70	0.00
TRINITY_sp|Q84K1GAMMA-AI	AP-1 complex subuni	49.60	0.00
TRINITY_sp|O7584SC5D	Lathosterol oxidase	49.60	0.00
TRINITY_sp|Q4312-	Non-specific lipid-	49.60	0.00
TRINITY_sp|P1366HOM2	Aspartate-semialdeh	49.60	0.00
TRINITY_sp|Q8VI4Abcc2	Canalicular multisp	49.60	0.00
TRINITY_sp|O8603bdhA	D-beta-hydroxybutyr	49.60	0.00
TRINITY_sp|A5G14glpK	Glycerol kinase OS=	49.60	0.00
TRINITY_sp|Q91W7Hdac11	Histone deacetylase	49.60	0.00
TRINITY_sp|Q86I(nek3	Probable serine/thr	49.60	0.00
TRINITY_sp|Q7F83CYCA1-1	Cyclin-A1-1 OS=Oryz	49.60	0.00
TRINITY_sp|Q9M39NPF8.1	Protein NRT1/ PTR F	49.60	0.00
TRINITY_sp|Q3232ybiA	N-glycosidase YbiA	49.60	0.00
TRINITY_sp|Q9LX\At5g1285	Zinc finger CCCH do	49.60	0.00
TRINITY_sp|Q8WV(CANT1	Soluble calcium-act	49.60	0.00
TRINITY_sp|Q54KEgluD	Glutamate dehydroge	49.60	0.00
TRINITY_sp|Q94E(CAt5g0224	Uncharacterized pro	49.60	0.00
TRINITY_sp|O1392crn1	Coronin-like protei	49.60	0.00
TRINITY_sp|Q8RXNTYW1	S-adenosyl-L-methio	49.60	0.00
TRINITY_sp|A8J78ATPG	ATP synthase subuni	49.60	0.00
TRINITY_sp|O1386SPAC1A6.	tRNA threonylcarbam	49.60	0.00
TRINITY_sp|P0467-	Uricase-2 isozyme 1	49.60	0.00
TRINITY_sp|P3472RAS1	Ras-like protein 1	49.60	0.00
TRINITY_sp|Q9C0(CDNAH6	Dynein heavy chain	49.60	0.00
TRINITY_sp|A2YPF0BGC1	Probable GTP-bindin	49.60	0.00
TRINITY_sp|Q0917krp1	Dibasic-processing	49.60	0.00
TRINITY_sp|A6NKISDR42E2	Putative short-chai	49.60	0.00
TRINITY_sp|Q556(CpsmB4-1	Proteasome subunit	49.60	0.00
TRINITY_sp|Q8K17Mett15	Methyltransferase-1	49.60	0.00
TRINITY_sp|Q8CG6Elac2	Zinc phosphodiester	49.50	0.00
TRINITY_sp|P4981DLD	Dihydrolipoyl dehyd	49.50	0.00
TRINITY_sp|P3186XYL1	NAD(P)H-dependent D	49.50	0.00
TRINITY_sp|Q9ZWEPCS2	Glutathione gamma-g	49.50	0.00
TRINITY_sp|Q68W(grxC2	Probable monothiol	49.50	0.00
TRINITY_sp|P5025TUBB1	Tubulin beta chain	49.50	0.00
TRINITY_sp|Q3T13BOLA1	BolA-like protein 1	49.50	0.00
TRINITY_sp|Q8LD2At1g5622	Dormancy-associated	49.50	0.00
TRINITY_sp|B1ZGVglpK	Glycerol kinase OS=	49.50	0.00
TRINITY_sp|Q6123Lcp1	Plastin-2 OS=Mus mu	49.50	0.00
TRINITY_sp|O9443SPBC660.	Uncharacterized RNA	49.50	0.00
TRINITY_sp|P2391DTYMK	Thymidylate kinase	49.50	0.00
TRINITY_sp|Q99J2Gorasp2	Golgi reassembly-st	49.50	0.00
TRINITY_sp|Q54V(chdaC	Type-2 histone deac	49.50	0.00
TRINITY_sp|Q2016copb-2	Probable coatomer s	49.50	0.00
TRINITY_sp|Q8MXNDDB_G027	Transmembrane prote	49.50	0.00
TRINITY_sp|Q941FGONST1	GDP-mannose transpo	49.50	0.00
TRINITY_sp|Q9LEVUBP22	Ubiquitin carboxyl-	49.50	0.00

TRINITY_sp|M0ZYI\NDA1	Internal alternativ	49.50	0.00
TRINITY_sp|Q91YF\Mett113	Methyltransferase-1	49.50	0.00
TRINITY_sp|Q9XV\Frpb-11	Probable DNA-direct	49.50	0.00
TRINITY_sp|Q54Q\phbB	Prohibitin-2 OS=Dic	49.50	0.00
TRINITY_sp|O230\KAB1	Probable voltage-ga	49.50	0.00
TRINITY_sp|Q0III\IDUSP10	Dual specificity pr	49.50	0.00
TRINITY_sp|P484\PPP3CC	Serine/threonine-pr	49.50	0.00
TRINITY_sp|Q8GX\CFIS2	Pre-mRNA cleavage f	49.50	0.00
TRINITY_sp|D0NL\CPITG_12	tRNA (guanine(37)-N	49.50	0.00
TRINITY_sp|Q6BI\FREX4	RNA exonuclease 4 O	49.50	0.00
TRINITY_sp|Q9UN\FCDC14A	Dual specificity pr	49.50	0.00
TRINITY_sp|Q127\pab1	Protein phosphatase	49.50	0.00
TRINITY_sp|Q8VY\DJ1C	Protein DJ-1 homolo	49.50	0.00
TRINITY_sp|O355\Pfkb3	6-phosphofructo-2-k	49.50	0.00
TRINITY_sp|Q165\CAMK4	Calcium/calmodulin-	49.50	0.00
TRINITY_sp|Q9ES\Ube4b	Ubiquitin conjugati	49.50	0.00
TRINITY_sp|Q5T0\CFAP70	Cilia- and flagella	49.50	0.00
TRINITY_sp|P295\TUBB7	Tubulin beta-7 chai	49.50	0.00
TRINITY_sp|Q3ZB\IPTRH2	Peptidyl-tRNA hydro	49.50	0.00
TRINITY_sp|P929\RS31	Serine/arginine-ric	49.50	0.00
TRINITY_sp|Q9LT\At3g128	Peroxisomal 2,4-die	49.50	0.00
TRINITY_sp|O151\NPC1	Niemann-Pick C1 pro	49.50	0.00
TRINITY_sp|Q6AY\Alg14	UDP-N-acetylglucosa	49.50	0.00
TRINITY_sp|Q395\ODA4	Dynein beta chain,	49.50	0.00
TRINITY_sp|Q9SY\IBRR2A	DExH-box ATP-depend	49.50	0.00
TRINITY_sp|Q1ZX\pXi	Probable serine/thr	49.50	0.00
TRINITY_sp|Q9SD\RCE1	NEDD8-conjugating e	49.50	0.00
TRINITY_sp|Q9C5\MDTC	Mitochondrial dicar	49.50	0.00
TRINITY_sp|Q9NK\vmfeA	Peroxisomal multifu	49.50	0.00
TRINITY_sp|Q389\LCY1	Lycopene beta cycla	49.50	0.00
TRINITY_sp|Q425\LIG1	DNA ligase 1 OS=Ara	49.50	0.00
TRINITY_sp|P320\-	Stearoyl-[acyl-carr	49.50	0.00
TRINITY_sp|Q631\Dnah1	Dynein heavy chain	49.50	0.00
TRINITY_sp|Q54D\IamDA	AMP deaminase OS=Di	49.50	0.00
TRINITY_sp|Q437\WAXY	Granule-bound starc	49.50	0.00
TRINITY_sp|P563\EIF5A4	Eukaryotic translat	49.50	0.00
TRINITY_sp|Q5RH\dcun1d4	DCN1-like protein 4	49.50	0.00
TRINITY_sp|Q8IN\Gyc88E	Soluble guanylate c	49.50	0.00
TRINITY_sp|Q93Y\At2g3181	Acetolactate syntha	49.50	0.00
TRINITY_sp|Q94B\PIGA	Phosphatidylinosito	49.40	0.00
TRINITY_sp|Q8CH\Tt115	Tubulin polyglutamy	49.40	0.00
TRINITY_sp|Q54T\drkC	Probable serine/thr	49.40	0.00
TRINITY_sp|Q266\-	33 kDa inner dynein	49.40	0.00
TRINITY_sp|P196\-	Non-specific lipid-	49.40	0.00
TRINITY_sp|Q9SR\CHIP	E3 ubiquitin-protei	49.40	0.00
TRINITY_sp|A6LT\apt	Adenine phosphoribo	49.40	0.00
TRINITY_sp|Q2VZ\infb	Translation initiat	49.40	0.00
TRINITY_sp|P518\pdcA	Pyruvate decarboxyl	49.40	0.00
TRINITY_sp|Q3SE\Icl1e	Caltractin ICL1e OS	49.40	0.00
TRINITY_sp|Q0DH\FTSH8	ATP-dependent zinc	49.40	0.00
TRINITY_sp|Q8YM\clpB2	Chaperone protein C	49.40	0.00
TRINITY_sp|Q9GZ\FREXO4	RNA exonuclease 4 O	49.40	0.00
TRINITY_sp|O952\MBD4	Methyl-CpG-binding	49.40	0.00
TRINITY_sp|Q54S\pldZ	Phospholipase D Z O	49.40	0.00
TRINITY_sp|Q8JI\nifk	MKI67 FHA domain-in	49.40	0.00
TRINITY_sp|A7SL\nat9	N-acetyltransferase	49.40	0.00

TRINITY_sp|Q8BRFMan2a2	Alpha-mannosidase 2	49.40	0.00
TRINITY_sp|P167(V-UBI	Ubiquitin-like prot	49.40	0.00
TRINITY_sp|A9V2C 37534	Probable nitrile hy	49.40	0.00
TRINITY_sp|O653GGH2	Gamma-glutamyl hydr	49.40	0.00
TRINITY_sp|B9F1(LOGL2	Probable cytokinin	49.40	0.00
TRINITY_sp|Q9C8NUP50A	Nuclear pore comple	49.40	0.00
TRINITY_sp|Q9BRRIOK1	Serine/threonine-pr	49.40	0.00
TRINITY_sp|Q9SUAAt4g323	Probable sugar phos	49.40	0.00
TRINITY_sp|Q5RK(Sbds	Ribosome maturation	49.40	0.00
TRINITY_sp|P454(CSN1	COP9 signalosome co	49.40	0.00
TRINITY_sp|A6LMFalaS	Alanine--tRNA ligas	49.40	0.00
TRINITY_sp|Q8ST(abcC10	ABC transporter C f	49.40	0.00
TRINITY_sp|Q0WQ(LTA3	Dihydrolypoyllysine	49.40	0.00
TRINITY_sp|Q056(CTR1	Serine/threonine-pr	49.40	0.00
TRINITY_sp|A2X8MPUT1	Polyamine transport	49.40	0.00
TRINITY_sp|O230(KAB1	Probable voltage-ga	49.40	0.00
TRINITY_sp|Q7YSVcanA	Calcineurin subunit	49.40	0.00
TRINITY_sp|Q9M9(UTR3	UDP-galactose/UDP-g	49.40	0.00
TRINITY_sp|Q8I8(ap1g1	AP-1 complex subuni	49.40	0.00
TRINITY_sp|Q9CZ(Fopn1	LisH domain-contain	49.40	0.00
TRINITY_sp|Q8L7(MSDN5	Small RNA degrading	49.40	0.00
TRINITY_sp|Q0WR(PBL7	Probable serine/thr	49.40	0.00
TRINITY_sp|Q96R(BBS4	Bardet-Biedl syndro	49.40	0.00
TRINITY_sp|Q86H(polr1a	DNA-directed RNA po	49.40	0.00
TRINITY_sp|P109-	Retrovirus-related	49.40	0.00
TRINITY_sp|Q9M3(ATG6	Beclin-1-like prote	49.40	0.00
TRINITY_sp|P479(AP2	Floral homeotic pro	49.40	0.00
TRINITY_sp|Q138(GNL2	Nucleolar GTP-bindi	49.30	0.00
TRINITY_sp|Q9SB(ABC1	Protein ABC transpo	49.30	0.00
TRINITY_sp|Q6DC(hace1	E3 ubiquitin-protei	49.30	0.00
TRINITY_sp|Q39J(dnaJ	Chaperone protein D	49.30	0.00
TRINITY_sp|Q54L(hints4	Integrator complex	49.30	0.00
TRINITY_sp|Q54C(utrappc2)	Trafficking protein	49.30	0.00
TRINITY_sp|A0PZ(NT01CX_1	Putative 3-methylad	49.30	0.00
TRINITY_sp|Q5MB(ABCG2	ATP-binding cassett	49.30	0.00
TRINITY_sp|Q9BR(CBWD1	COBW domain-contain	49.30	0.00
TRINITY_sp|Q9SK(At2g202	Zinc finger CCCH do	49.30	0.00
TRINITY_sp|Q550(vslc35c1	GDP-fucose transpor	49.30	0.00
TRINITY_sp|Q8NC(DYNC2H1	Cytoplasmic dynein	49.30	0.00
TRINITY_sp|Q8L4(WEE1	Wee1-like protein k	49.30	0.00
TRINITY_sp|P396(nirA	Ferredoxin--nitrite	49.30	0.00
TRINITY_sp|Q9M2(IRPS27B	40S ribosomal prote	49.30	0.00
TRINITY_sp|Q8IU(CAMK1D	Calcium/calmodulin-	49.30	0.00
TRINITY_sp|Q940(TMN1	Transmembrane 9 sup	49.30	0.00
TRINITY_sp|Q55E(dhak	Probable dihydroxya	49.30	0.00
TRINITY_sp|Q75J(aspS1	Aspartate--tRNA lig	49.30	0.00
TRINITY_sp|Q9LN(P4H3	Probable prolyl 4-h	49.30	0.00
TRINITY_sp|Q4QE(GMPR	GMP reductase OS=Le	49.30	0.00

TRINITY_sp|P0111|RAS1	Ras-like protein 1	49.30	0.00
TRINITY_sp|O810|GEM2001	GTP-binding protein	49.30	0.00
TRINITY_sp|A8IL|CFAP52	Cilia- and flagella	49.30	0.00
TRINITY_sp|D4AVI|ARB_0014	Calnexin homolog AR	49.30	0.00
TRINITY_sp|A3GF|SEC23	Protein transport p	49.30	0.00
TRINITY_sp|B0G1|DDB_G027	Deoxynucleoside tri	49.30	0.00
TRINITY_sp|P275|PHO91	Low-affinity phosph	49.30	0.00
TRINITY_sp|Q3SY|XYLB	Xylulose kinase OS=	49.30	0.00
TRINITY_sp|Q136|RAB32	Ras-related protein	49.30	0.00
TRINITY_sp|Q55D|abcG1	ABC transporter G f	49.30	0.00
TRINITY_sp|Q8VZ|P4H9	Probable prolyl 4-h	49.30	0.00
TRINITY_sp|P138|-	Chlorophyll a-b bin	49.30	0.00
TRINITY_sp|O137|osm1	Fumarate reductase	49.30	0.00
TRINITY_sp|P581|atp2b2	Plasma membrane cal	49.30	0.00
TRINITY_sp|Q803|ppp2r3c	Serine/threonine-pr	49.30	0.00
TRINITY_sp|Q8IV|MMAA	Methylmalonic acidu	49.30	0.00
TRINITY_sp|Q922|SREP	GATA factor SREP OS	49.30	0.00
TRINITY_sp|A8J8|CHLREDR1	Tektin OS=Chlamydom	49.30	0.00
TRINITY_sp|O753|GUCY1B2	Guanylate cyclase s	49.30	0.00
TRINITY_sp|P341|mvpa	Major vault protein	49.30	0.00
TRINITY_sp|Q54D|DDB_G029	Probable protein ty	49.30	0.00
TRINITY_sp|Q8H2|POLH	DNA polymerase eta	49.30	0.00
TRINITY_sp|Q54Z|phg1b	Putative phagocytic	49.30	0.00
TRINITY_sp|Q8C2|Dus11	tRNA-dihydrouridine	49.30	0.00
TRINITY_sp|Q9VL|wol	Dolichyl-phosphate	49.30	0.00
TRINITY_sp|Q9FL|DEGP9	Protease Do-like 9	49.30	0.00
TRINITY_sp|Q54E|vatM	Vacuolar proton tra	49.30	0.00
TRINITY_sp|Q9VH|Invadol1	Leishmanolysin-like	49.30	0.00
TRINITY_sp|Q82E|acsa	Acetyl-coenzyme A s	49.30	0.00
TRINITY_sp|P551|-	Glutaredoxin OS=Ric	49.30	0.00
TRINITY_sp|P005|PRKACA	cAMP-dependent prot	49.30	0.00
TRINITY_sp|F4IY|At3g0276	Histidine--tRNA lig	49.30	0.00
TRINITY_sp|Q9CA|CKL2	Casein kinase 1-lik	49.30	0.00
TRINITY_sp|Q2KI|DNAJC5B	DnaJ homolog subfam	49.30	0.00
TRINITY_sp|P053|Eflalpha	Elongation factor 1	49.30	0.00
TRINITY_sp|Q54U|trappc4	Trafficking protein	49.30	0.00
TRINITY_sp|Q7XQ|AMT1-1	Ammonium transporte	49.30	0.00
TRINITY_sp|P402|-	Histone H1 OS=Solan	49.30	0.00
TRINITY_sp|Q9JM|Cyp3a41a	Cytochrome P450 3A4	49.30	0.00
TRINITY_sp|P395|TIM17	Mitochondrial impor	49.20	0.00
TRINITY_sp|Q9ZW|ECKL9	Casein kinase 1-lik	49.20	0.00
TRINITY_sp|F4K4|LSM4	Sm-like protein LSM	49.20	0.00
TRINITY_sp|Q9CR|Golt1b	Vesicle transport p	49.20	0.00
TRINITY_sp|Q6YV|Os02g055	Zinc finger CCCH do	49.20	0.00
TRINITY_sp|Q55E|mcfe	Mitochondrial subst	49.20	0.00
TRINITY_sp|P817|-	Subtilisin inhibito	49.20	0.00
TRINITY_sp|Q9JJ|Pigb	GPI mannosyltransfe	49.20	0.00
TRINITY_sp|Q150|PSMD6	26S proteasome non-	49.20	0.00
TRINITY_sp|P629|RAC1	Ras-related C3 botu	49.20	0.00
TRINITY_sp|Q9SC|UPL7	E3 ubiquitin-protei	49.20	0.00
TRINITY_sp|Q5RA|SEPSECS	O-phosphoseryl-tRNA	49.20	0.00
TRINITY_sp|Q9FG|IRKD3	Protein RKD3 OS=Ara	49.20	0.00
TRINITY_sp|Q1ZX|psmd3	26S proteasome non-	49.20	0.00
TRINITY_sp|P175|-	Acidic endochitinas	49.20	0.00
TRINITY_sp|Q6AJ|prs	Ribose-phosphate py	49.20	0.00
TRINITY_sp|Q7X9|PIE1	Protein PHOTOPERIOD	49.20	0.00

TRINITY_sp|O947(rpa12	DNA-directed RNA po	49.20	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	49.20	0.00
TRINITY_sp|Q9LE(SP1L2	Protein SPIRAL1-lik	49.20	0.00
TRINITY_sp|P258(chcA	Clathrin heavy chai	49.20	0.00
TRINITY_sp|P871(SPBC25H2	Protein VAC14 homol	49.20	0.00
TRINITY_sp|P615(can	Carbonic anhydrase	49.20	0.00
TRINITY_sp|Q8LB(GRXS15	Monothiol glutaredo	49.20	0.00
TRINITY_sp|Q9NR(BIRC6	Baculoviral IAP rep	49.20	0.00
TRINITY_sp|Q87L(dusa	tRNA-dihydrouridine	49.20	0.00
TRINITY_sp|P110(NNT	NAD(P) transhydroge	49.20	0.00
TRINITY_sp|Q54S(dhkM	Hybrid signal trans	49.20	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	49.20	0.00
TRINITY_sp|Q6ZT(ANKRD13I	Ankyrin repeat doma	49.20	0.00
TRINITY_sp|Q8LG(CUL4	Cullin-4 OS=Arabido	49.20	0.00
TRINITY_sp|Q389(PHT2-1	Inorganic phosphate	49.20	0.00
TRINITY_sp|Q8C7(Uba6	Ubiquitin-like modi	49.20	0.00
TRINITY_sp|Q56Z(At5g1615	Plastidic glucose t	49.20	0.00
TRINITY_sp|Q9NC(ipitB	Phosphatidylinosito	49.20	0.00
TRINITY_sp|Q3T0(DHRS7B	Dehydrogenase/reduc	49.20	0.00
TRINITY_sp|Q9VH(Invadoly	Leishmanolysin-like	49.20	0.00
TRINITY_sp|Q8LB(At2g1671	Iron-sulfur assembl	49.20	0.00
TRINITY_sp|Q9C0(DNAH6	Dynein heavy chain	49.20	0.00
TRINITY_sp|Q8RY(ELI5	Tyrosine decarboxyl	49.20	0.00
TRINITY_sp|Q5XI(Galk2	N-acetylgalactosami	49.20	0.00
TRINITY_sp|Q54X(Metfdh	Electron transfer f	49.20	0.00
TRINITY_sp|P527(Hrsp12	Ribonuclease UK114	49.20	0.00
TRINITY_sp|A2X6(CDKG-1	Cyclin-dependent ki	49.20	0.00
TRINITY_sp|Q625(Ift52	Intraflagellar tran	49.20	0.00
TRINITY_sp|Q2KI(FAM63B	Ubiquitin carboxyl-	49.20	0.00
TRINITY_sp|Q9Z2(Gfpt2	Glutamine--fructose	49.20	0.00
TRINITY_sp|Q8GY(UPL1	E3 ubiquitin-protei	49.10	0.00
TRINITY_sp|Q9NB(hiw	E3 ubiquitin-protei	49.10	0.00
TRINITY_sp|Q6BV(PMP3	Plasma membrane pro	49.10	0.00
TRINITY_sp|P322(rasC	Ras-like protein ra	49.10	0.00
TRINITY_sp|Q5JT(RAB41	Ras-related protein	49.10	0.00
TRINITY_sp|P840(ARF1	ADP-ribosylation fa	49.10	0.00
TRINITY_sp|Q906(CDC42	Cell division contr	49.10	0.00
TRINITY_sp|A7MH(rbn	Ribonuclease BN OS=	49.10	0.00
TRINITY_sp|O944(SPBC660	Uncharacterized RNA	49.10	0.00
TRINITY_sp|O048(-	Alpha-glucosidase O	49.10	0.00
TRINITY_sp|Q23M(Tt116a	Probable beta-tubul	49.10	0.00
TRINITY_sp|Q54G(uap1	Probable UDP-N-acet	49.10	0.00
TRINITY_sp|Q6UK(pirA	Protein pirA OS=Dic	49.10	0.00
TRINITY_sp|P831(Dyrk3	Putative dual speci	49.10	0.00
TRINITY_sp|Q7T3(rab13	Ras-related protein	49.10	0.00
TRINITY_sp|Q86A(DDDB_G02	Probable myosin lig	49.10	0.00
TRINITY_sp|Q8H1(MTPC4	Metal tolerance pro	49.10	0.00
TRINITY_sp|Q284(CRYZ	Quinone oxidoreduct	49.10	0.00
TRINITY_sp|Q9LI(BAM1	Beta-amylase 1, chl	49.10	0.00
TRINITY_sp|P490(AKHS DH2	Bifunctional aspart	49.10	0.00
TRINITY_sp|P0CR(SEC23	Protein transport p	49.10	0.00
TRINITY_sp|Q9CB(fb1C	FO synthase OS=Myco	49.10	0.00
TRINITY_sp|O701(Dpm1	Dolichol-phosphate	49.10	0.00
TRINITY_sp|Q9T0(At4g1355	GDT1-like protein 2	49.10	0.00
TRINITY_sp|Q9M1(ABC21	ABC transporter B f	49.10	0.00
TRINITY_sp|Q9JI(Stk3	Serine/threonine-pr	49.10	0.00

TRINITY_sp|Q4097-	Monodehydroascorbat	49.10	0.00
TRINITY_sp|P4543CSN1	COP9 signalosome co	49.10	0.00
TRINITY_sp|Q54WfEglnA3	Type-3 glutamine sy	49.10	0.00
TRINITY_sp|Q54Y7maf1	Repressor of RNA po	49.10	0.00
TRINITY_sp|Q6JQACAD10	Acyl-CoA dehydrogen	49.10	0.00
TRINITY_sp|Q10M2Os03g025	Asparagine syntheta	49.10	0.00
TRINITY_sp|P8014-	Extracellular serin	49.10	0.00
TRINITY_sp|Q8031ergic3	Endoplasmic reticul	49.10	0.00
TRINITY_sp|Q1526PWP2	Periodic tryptophan	49.10	0.00
TRINITY_sp|Q9LE8RANGAP1	RAN GTPase-activati	49.10	0.00
TRINITY_sp|P4257-	Soma ferritin OS=Ly	49.10	0.00
TRINITY_sp|Q9C52HAC1	Histone acetyltrans	49.10	0.00
TRINITY_sp|Q3892FTB	Protein farnesyltra	49.10	0.00
TRINITY_sp|Q9632ACX4	Acyl-coenzyme A oxi	49.10	0.00
TRINITY_sp|P8711not1	General negative re	49.10	0.00
TRINITY_sp|B0D66LACBIDR7	Pentafunctional ARO	49.10	0.00
TRINITY_sp|P2587chcA	Clathrin heavy chai	49.10	0.00
TRINITY_sp|Q9SG9ATL72	RING-H2 finger prot	49.00	0.00
TRINITY_sp|Q32P8DYNLRB2	Dynein light chain	49.00	0.00
TRINITY_sp|C1FI1MICPUN_6	Inosine triphosphat	49.00	0.00
TRINITY_sp|Q0WVERRP6L1	Protein RRP6-like 1	49.00	0.00
TRINITY_sp|Q66K1TBC1D9B	TBC1 domain family	49.00	0.00
TRINITY_sp|O1421trm10	tRNA (guanine(9)-N1	49.00	0.00
TRINITY_sp|Q9CQ(Commd4	COMM domain-contain	49.00	0.00
TRINITY_sp|Q86AIDDB_G027	Probable myosin lig	49.00	0.00
TRINITY_sp|Q54I8eif2b1	Translation initiat	49.00	0.00
TRINITY_sp|O1586CPK2	Calcium-dependent p	49.00	0.00
TRINITY_sp|Q93ZHSDF2	Stromal cell-derive	49.00	0.00
TRINITY_sp|Q58D3SORD	Sorbitol dehydrogen	49.00	0.00
TRINITY_sp|F4HY(IRE3	Probable serine/thr	49.00	0.00
TRINITY_sp|O2278PXG3	Probable peroxygena	49.00	0.00
TRINITY_sp|Q86A1spkA-1	Stress-activated pr	49.00	0.00
TRINITY_sp|Q5UP9MIMI_R58	Uncharacterized pro	49.00	0.00
TRINITY_sp|Q9Y53OARD1	O-acetyl-ADP-ribose	49.00	0.00
TRINITY_sp|Q8C93Spf2	Sperm flagellar pro	49.00	0.00
TRINITY_sp|A5GW1rpsJ	30S ribosomal prote	49.00	0.00
TRINITY_sp|Q2M29ALKBH7	Alpha-ketoglutarate	49.00	0.00
TRINITY_sp|Q8LF7DRP3B	Dynamin-related pro	49.00	0.00
TRINITY_sp|Q08D8AP2B1	AP-1 complex subuni	49.00	0.00
TRINITY_sp|Q9XF8LHCB5	Chlorophyll a-b bin	49.00	0.00
TRINITY_sp|P4687KRP95	Kinesin-II 95 kDa s	49.00	0.00
TRINITY_sp|Q9XGMVHA-D	V-type proton ATPas	49.00	0.00
TRINITY_sp|Q9XF7DEE76	Degreening-related	49.00	0.00
TRINITY_sp|Q54J1hal	Probable histidine	49.00	0.00
TRINITY_sp|F4J66IREH1	Probable serine/thr	49.00	0.00
TRINITY_sp|P223(SODB	Superoxide dismutas	49.00	0.00
TRINITY_sp|A4S63OSTLU_41	Lon protease homolo	49.00	0.00
TRINITY_sp|Q31V7treF	Cytoplasmic trehala	49.00	0.00
TRINITY_sp|Q655FMCSU3	Molybdenum cofactor	49.00	0.00
TRINITY_sp|Q86AIDDB_G027	Probable acetyl-CoA	49.00	0.00
TRINITY_sp|P2725ahr	Aldehyde reductase	49.00	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	49.00	0.00
TRINITY_sp|P0ABIdedA	Protein DedA OS=Esc	49.00	0.00
TRINITY_sp|Q8GY9PGM	Phosphoglycerate mu	49.00	0.00
TRINITY_sp|Q2NK1DPY30	Protein dpy-30 homo	49.00	0.00
TRINITY_sp|Q9SF9RABE1E	Ras-related protein	49.00	0.00

TRINITY_sp|P5166Akr1a1	Alcohol dehydrogena	49.00	0.00
TRINITY_sp|O1546ABCC4	Multidrug resistanc	49.00	0.00
TRINITY_sp|P1295PEPD	Xaa-Pro dipeptidase	49.00	0.00
TRINITY_sp|Q8LCVPLP3B	Thioredoxin domain-	49.00	0.00
TRINITY_sp|O3501yfkJ	Low molecular weigh	49.00	0.00
TRINITY_sp|Q8T66abcH2	ABC transporter H f	48.90	0.00
TRINITY_sp|Q75WEOPLAH	5-oxoprolinase OS=B	48.90	0.00
TRINITY_sp|P1187-	High mobility group	48.90	0.00
TRINITY_sp|Q29S(OSCP1	Protein OSCP1 OS=Bo	48.90	0.00
TRINITY_sp|Q9278DPF3	Zinc finger protein	48.90	0.00
TRINITY_sp|P6135RPL27	60S ribosomal prote	48.90	0.00
TRINITY_sp|Q9LTYUKL5	Uridine kinase-like	48.90	0.00
TRINITY_sp|Q9SE9FIP2	FH protein interact	48.90	0.00
TRINITY_sp|Q54R2yipf6	Protein YIPF6 homol	48.90	0.00
TRINITY_sp|P2227RAS1	Ras-like protein 1	48.90	0.00
TRINITY_sp|Q54R2yipf6	Protein YIPF6 homol	48.90	0.00
TRINITY_sp|Q097(pld1	Phospholipase D1 OS	48.90	0.00
TRINITY_sp|Q54G(dgat2	Diacylglycerol O-ac	48.90	0.00
TRINITY_sp|Q54N(anapc1	Anaphase-promoting	48.90	0.00
TRINITY_sp|Q9Y6ESIRT4	NAD-dependent prote	48.90	0.00
TRINITY_sp|P3071Gstt2	Glutathione S-trans	48.90	0.00
TRINITY_sp|P4228SKIV2L2	Superkiller viralic	48.90	0.00
TRINITY_sp|Q55EfabCG23	ABC transporter G f	48.90	0.00
TRINITY_sp|P4954ycf45	Uncharacterized pro	48.90	0.00
TRINITY_sp|P5518gale	UDP-glucose 4-epime	48.90	0.00
TRINITY_sp|A0JM5celf5	CUGBP Elav-like fam	48.90	0.00
TRINITY_sp|P5156AFC1	Serine/threonine-pr	48.90	0.00
TRINITY_sp|Q0446Vars	Valine--tRNA ligase	48.90	0.00
TRINITY_sp|A41FKCTD7	BTB/POZ domain-cont	48.90	0.00
TRINITY_sp|Q0849PDE4D	cAMP-specific 3',5'	48.90	0.00
TRINITY_sp|A3DDJmutS	DNA mismatch repair	48.90	0.00
TRINITY_sp|Q9ZQFCBSDUF3	DUF21 domain-contai	48.90	0.00
TRINITY_sp|Q6DIHrnf126	E3 ubiquitin-protei	48.90	0.00
TRINITY_sp|Q9FPFDJ1A	Protein DJ-1 homolo	48.90	0.00
TRINITY_sp|Q8W49VHA-a3	V-type proton ATPas	48.90	0.00
TRINITY_sp|Q54FIetfa	Electron transfer f	48.90	0.00
TRINITY_sp|Q9C89NIFU5	NifU-like protein 5	48.90	0.00
TRINITY_sp|O3513Emg1	Ribosomal RNA small	48.90	0.00
TRINITY_sp|P4021NDE1	External NADH-ubiqu	48.90	0.00
TRINITY_sp|Q9LF9CLPB3	Chaperone protein C	48.90	0.00
TRINITY_sp|Q0617NMA1	Nicotinamide/nicoti	48.90	0.00
TRINITY_sp|A7MBHift46	Intraflagellar tran	48.90	0.00
TRINITY_sp|Q8LP9BTS	Zinc finger protein	48.90	0.00
TRINITY_sp|P1432glnS	Probable glutamine-	48.90	0.00
TRINITY_sp|Q5ZLVNSUN2	tRNA (cytosine(34)-	48.90	0.00
TRINITY_sp|Q96TUinuE	Extracellular exo-i	48.90	0.00
TRINITY_sp|P944(yciC	Putative metal chap	48.90	0.00
TRINITY_sp|Q0DI\Os05g036	Ferrochelataase-2, c	48.90	0.00
TRINITY_sp|Q8L7CRWA1	Protein REDUCED WAL	48.90	0.00
TRINITY_sp|Q9FI9CLPC1	Chaperone protein C	48.90	0.00
TRINITY_sp|Q8LPIALPHA-AIAP-2	complex subuni	48.90	0.00
TRINITY_sp|Q9ZVVHEN2	DExH-box ATP-depend	48.90	0.00
TRINITY_sp|Q86GVgcy-28	Receptor-type guany	48.90	0.00
TRINITY_sp|Q9M19ABCB21	ABC transporter B f	48.90	0.00
TRINITY_sp|Q1HF9Nsun2	tRNA (cytosine(34)-	48.90	0.00
TRINITY_sp|O2025-	Sedoheptulose-1,7-b	48.90	0.00

TRINITY_sp|Q08D5PRPF4B	Serine/threonine-pr	48.90	0.00
TRINITY_sp|Q9FP1UBP12	Ubiquitin carboxyl-	48.90	0.00
TRINITY_sp|Q9VHF DppIII	Dipeptidyl peptidas	48.90	0.00
TRINITY_sp|P5927RPS27AA	Ubiquitin-40S ribos	48.80	0.00
TRINITY_sp|Q9FG6EB1C	Microtubule-associa	48.80	0.00
TRINITY_sp|Q9P79mit1	Chromatin remodelin	48.80	0.00
TRINITY_sp|Q86K6fhit	Bis(5'-adenosyl)-tr	48.80	0.00
TRINITY_sp|B6EK7cutC	Copper homeostasis	48.80	0.00
TRINITY_sp|Q640\tatdn1	Putative deoxyribon	48.80	0.00
TRINITY_sp|A0DSFGSPATT0	(Probable protein ph	48.80	0.00
TRINITY_sp|Q8BV(Dpp9	Dipeptidyl peptidas	48.80	0.00
TRINITY_sp|Q2KH2HBS1L	HBS1-like protein O	48.80	0.00
TRINITY_sp|Q059(Slc25a4	ADP/ATP translocase	48.80	0.00
TRINITY_sp|Q6EPFACE1	CAAX prenyl proteas	48.80	0.00
TRINITY_sp|Q9WX3rbpF	Putative RNA-bindin	48.80	0.00
TRINITY_sp|Q9C6FGAMMACA2	Gamma carbonic anhy	48.80	0.00
TRINITY_sp|Q9FG1ARR18	Two-component respo	48.80	0.00
TRINITY_sp|Q8691pakF	Serine/threonine-pr	48.80	0.00
TRINITY_sp|Q54IHndrB	Probable serine/thr	48.80	0.00
TRINITY_sp|O7431SPBC15D4	COBW domain-contain	48.80	0.00
TRINITY_sp|Q55G\UDB_G026	(Probable mitochondr	48.80	0.00
TRINITY_sp|Q7SZFsec23a	Protein transport p	48.80	0.00
TRINITY_sp|F4JGFKIN14D	Kinesin-like protei	48.80	0.00
TRINITY_sp|P2532PRKACA	cAMP-dependent prot	48.80	0.00
TRINITY_sp|Q54DFpolr2c	DNA-directed RNA po	48.80	0.00
TRINITY_sp|F4HX1PLA1	Phospholipase A I O	48.80	0.00
TRINITY_sp|P0466tyrB	Aromatic-amino-acid	48.80	0.00
TRINITY_sp|P7036Ufd11	Ubiquitin fusion de	48.80	0.00
TRINITY_sp|Q29R2PPWD1	Peptidylprolyl isom	48.80	0.00
TRINITY_sp|Q8H11MNS2	Mannosyl-oligosacch	48.80	0.00
TRINITY_sp|B2RW3Cfap58	Cilia- and flagella	48.80	0.00
TRINITY_sp|Q8LFCAt1g2227	Multifunctional met	48.80	0.00
TRINITY_sp|Q8R15Znfx1	NFX1-type zinc fing	48.80	0.00
TRINITY_sp|Q9AS1At1g3241	Vacuolar protein so	48.80	0.00
TRINITY_sp|Q8AV1rpf1	Ribosome production	48.80	0.00
TRINITY_sp|Q54JFabcC3	ABC transporter C f	48.80	0.00
TRINITY_sp|O8098FTSH4	ATP-dependent zinc	48.80	0.00
TRINITY_sp|Q9SEEGAL1	Galactokinase OS=Ar	48.80	0.00
TRINITY_sp|Q8JFvadat3	Probable inactive t	48.80	0.00
TRINITY_sp|Q6572EX2	Protein EXECUTER 2,	48.80	0.00
TRINITY_sp|Q54X1DDB_G027	Glucose-induced deg	48.80	0.00
TRINITY_sp|Q6177Kif3b	Kinesin-like protei	48.80	0.00
TRINITY_sp|Q9SFAAt3g0710	(Protein transport p	48.80	0.00
TRINITY_sp|Q6PC6btf314	Transcription facto	48.70	0.00
TRINITY_sp|O7564SNRNP20	(U5 small nuclear ri	48.70	0.00
TRINITY_sp|P7274typA	GTP-binding protein	48.70	0.00
TRINITY_sp|Q18C\crlm	50S ribosomal prote	48.70	0.00
TRINITY_sp|Q1029pla1	Poly(A) polymerase	48.70	0.00
TRINITY_sp|Q9QXINme7	Nucleoside diphosph	48.70	0.00
TRINITY_sp|Q54Q2treh	Trehalase OS=Dictyo	48.70	0.00
TRINITY_sp|O2466PBD2	Proteasome subunit	48.70	0.00
TRINITY_sp|P2817pkgB	Protein kinase 2 OS	48.70	0.00
TRINITY_sp|C4YK1RAS1	Ras-like protein 1	48.70	0.00
TRINITY_sp|Q86AIDDB_G027	Probable myosin lig	48.70	0.00
TRINITY_sp|Q55D7DDB_G026	(Probable 18S rRNA (	48.70	0.00
TRINITY_sp|Q0CC\gedE	Glutathione S-trans	48.70	0.00

TRINITY_sp|Q9C0C|DNAH6	Dynein heavy chain	48.70	0.00
TRINITY_sp|Q2S41|SRU_076	Maf-like protein SR	48.70	0.00
TRINITY_sp|Q681C|At1g0390	Uncharacterized pro	48.70	0.00
TRINITY_sp|Q9LRN|RPL3B	50S ribosomal prote	48.70	0.00
TRINITY_sp|Q9D51|Ccdc130	Coiled-coil domain-	48.70	0.00
TRINITY_sp|Q54E1|dst3	Serine/threonine-pr	48.70	0.00
TRINITY_sp|P397C|Bx42	Puff-specific prote	48.70	0.00
TRINITY_sp|Q9LZ1|BTR1	Protein BTR1 OS=Ara	48.70	0.00
TRINITY_sp|Q1LVE|sf3b3	Splicing factor 3B	48.70	0.00
TRINITY_sp|Q10P1|Os03g021	DEAD-box ATP-depend	48.70	0.00
TRINITY_sp|Q9441|GLYK	D-glycerate 3-kinas	48.70	0.00
TRINITY_sp|Q4I81|TRM10	tRNA (guanine(9)-N1	48.70	0.00
TRINITY_sp|P629C|RAC1	Ras-related C3 botu	48.70	0.00
TRINITY_sp|Q9SQ1|At3g0478	PITH domain-contain	48.70	0.00
TRINITY_sp|Q54G1|phbA	Prohibitin-1, mitoc	48.70	0.00
TRINITY_sp|Q54S1|polr1c	DNA-directed RNA po	48.70	0.00
TRINITY_sp|Q54Y1|dhkJ	Hybrid signal trans	48.70	0.00
TRINITY_sp|O239C|GPXHA-2	Probable phospholip	48.70	0.00
TRINITY_sp|Q54Q1|trmt11	tRNA (guanine(10)-N	48.70	0.00
TRINITY_sp|Q1971|frs-2	Phenylalanine--tRNA	48.70	0.00
TRINITY_sp|Q1ZX1|gxcDD	Guanine exchange fa	48.60	0.00
TRINITY_sp|P966C|yddQ	Uncharacterized iso	48.60	0.00
TRINITY_sp|Q1LU1|hddc2	HD domain-containin	48.60	0.00
TRINITY_sp|Q6CE1|ALG10	Dol-P-Glc:Glc(2)Man	48.60	0.00
TRINITY_sp|Q8K41|Abca8b	ATP-binding cassett	48.60	0.00
TRINITY_sp|Q6311|Dnah7	Dynein heavy chain	48.60	0.00
TRINITY_sp|Q8IU1|CAMK1D	Calcium/calmodulin-	48.60	0.00
TRINITY_sp|P245C|ptrB	Protease 2 OS=Esche	48.60	0.00
TRINITY_sp|Q9FT1|MED34	Mediator of RNA pol	48.60	0.00
TRINITY_sp|P5431|Lipe	Hormone-sensitive l	48.60	0.00
TRINITY_sp|Q54W1|gnal	Glucosamine 6-phosp	48.60	0.00
TRINITY_sp|Q9P61|brf1	Transcription facto	48.60	0.00
TRINITY_sp|P328C|BCS1	Mitochondrial chape	48.60	0.00
TRINITY_sp|Q9XT1|PREP	Prolyl endopeptidas	48.60	0.00
TRINITY_sp|A2YR1|ARP4	Actin-related prote	48.60	0.00
TRINITY_sp|O697C|betC	Choline-sulfatase O	48.60	0.00
TRINITY_sp|Q8VZ1|P4H9	Probable prolyl 4-h	48.60	0.00
TRINITY_sp|O652C|At4g005C	Putative threonine	48.60	0.00
TRINITY_sp|B4NJ1|VMOcs2	Molybdopterin synth	48.60	0.00
TRINITY_sp|Q9SL1|Os05g011	Importin subunit al	48.60	0.00
TRINITY_sp|P368C|YPTV3	GTP-binding protein	48.60	0.00
TRINITY_sp|Q6RS1|dnaJ	Chaperone protein D	48.60	0.00
TRINITY_sp|Q9GM1|PGA	Pepsin A OS=Sorex u	48.60	0.00
TRINITY_sp|Q55G1|dcd2B	Neutral ceramidase	48.60	0.00
TRINITY_sp|Q869C|DDB_G021	COBW domain-contain	48.60	0.00
TRINITY_sp|P4361|-	DnaJ protein homolo	48.60	0.00
TRINITY_sp|Q22X1|THERM_	(Alpha-tubulin N-ace	48.60	0.00
TRINITY_sp|D2XV1|Gtpbp1	GTP-binding protein	48.60	0.00
TRINITY_sp|Q6I51|CDKC-1	Cyclin-dependent ki	48.60	0.00
TRINITY_sp|Q9NS1|FARSB	Phenylalanine--tRNA	48.60	0.00
TRINITY_sp|P2711|ODC1	Ornithine decarboxy	48.60	0.00
TRINITY_sp|A0AU1|wdsub1	WD repeat, SAM and	48.60	0.00
TRINITY_sp|Q4V71|Osgepl1	Probable tRNA N6-ad	48.60	0.00
TRINITY_sp|Q94A1|At1g066C	Uncharacterized oxi	48.60	0.00
TRINITY_sp|O2301|KAB1	Probable voltage-ga	48.60	0.00
TRINITY_sp|Q55G1|cdk10	Probable cyclin-dep	48.60	0.00

TRINITY_sp|P187(NSF	Vesicle-fusing ATPa	48.60	0.00
TRINITY_sp|Q389(ACC1	Acetyl-CoA carboxyl	48.60	0.00
TRINITY_sp|Q8WX(DNAH7	Dynein heavy chain	48.60	0.00
TRINITY_sp|Q5M9(Dph6	Diphthine--ammonia	48.60	0.00
TRINITY_sp|Q165(MAP3K11	Mitogen-activated p	48.60	0.00
TRINITY_sp|Q235(BAM3	Beta-amylase 3, chl	48.60	0.00
TRINITY_sp|Q9FL(RH18	DEAD-box ATP-depend	48.60	0.00
TRINITY_sp|Q8CG(Elac2	Zinc phosphodiester	48.60	0.00
TRINITY_sp|Q6P1(DUS1L	tRNA-dihydrouridine	48.60	0.00
TRINITY_sp|P496(-	Ubiquitin-60S ribos	48.60	0.00
TRINITY_sp|P982(Atp8a2	Phospholipid-transp	48.60	0.00
TRINITY_sp|Q99M(Mccc1	Methylcrotonoyl-CoA	48.60	0.00
TRINITY_sp|P434(cdk2	Cyclin-dependent ki	48.60	0.00
TRINITY_sp|P525(myb12	Myb-related protein	48.60	0.00
TRINITY_sp|Q075(Gyc32E	Guanylate cyclase 3	48.60	0.00
TRINITY_sp|Q9SN(NRAMP3	Metal transporter N	48.60	0.00
TRINITY_sp|B2GK(mdh	Malate dehydrogenas	48.50	0.00
TRINITY_sp|O942(SPBC887	Probable phospholip	48.50	0.00
TRINITY_sp|Q98E(mlr4350	Putative pterin-4-a	48.50	0.00
TRINITY_sp|F4JY(TCX7	Protein tesmin/TSO1	48.50	0.00
TRINITY_sp|P710(ygaD	Putative multidrug	48.50	0.00
TRINITY_sp|Q9Y3(MEMO1	Protein MEMO1 OS=Ho	48.50	0.00
TRINITY_sp|Q8RX(ABC11	ABC transporter G f	48.50	0.00
TRINITY_sp|Q1ZX(gxcDD	Guanine exchange fa	48.50	0.00
TRINITY_sp|O975(TXN	Thioredoxin OS=Equu	48.50	0.00
TRINITY_sp|Q84N(AMPD	Probable AMP deamin	48.50	0.00
TRINITY_sp|Q9H6(PIF1	ATP-dependent DNA h	48.50	0.00
TRINITY_sp|A2XD(UBP26	Ubiquitin carboxyl-	48.50	0.00
TRINITY_sp|Q0DH(FTSH8	ATP-dependent zinc	48.50	0.00
TRINITY_sp|A7RX(amdhd1	Probable imidazonon	48.50	0.00
TRINITY_sp|P736(sll1773	Putative quercetin	48.50	0.00
TRINITY_sp|A7MK(mtnA	Methylthioribose-1-	48.50	0.00
TRINITY_sp|Q9XF(DDM1	ATP-dependent DNA h	48.50	0.00
TRINITY_sp|Q6P9(CYB5D1	Cytochrome b5 domai	48.50	0.00
TRINITY_sp|P519(NEK2	Serine/threonine-pr	48.50	0.00
TRINITY_sp|Q8VI(Abcc2	Canalicular multisp	48.50	0.00
TRINITY_sp|Q93V(EATG18A	Autophagy-related p	48.50	0.00
TRINITY_sp|Q1ZX(gxcDD	Guanine exchange fa	48.50	0.00
TRINITY_sp|B1ZX(truB	tRNA pseudouridine	48.50	0.00
TRINITY_sp|Q54N(4bcaA	Branched-chain-amin	48.50	0.00
TRINITY_sp|Q644(Cyp3a13	Cytochrome P450 3A1	48.50	0.00
TRINITY_sp|P466(GUS1	Glutamate--tRNA lig	48.50	0.00
TRINITY_sp|P251(Pfkfb4	6-phosphofructo-2-k	48.50	0.00
TRINITY_sp|Q9NV(TBC1D13	TBC1 domain family	48.50	0.00
TRINITY_sp|Q67S(dnaJ	Chaperone protein D	48.50	0.00
TRINITY_sp|Q94K(NAP1;3	Nucleosome assembly	48.50	0.00
TRINITY_sp|Q9FT(RECQL1	ATP-dependent DNA h	48.50	0.00
TRINITY_sp|Q8C0(Efl1	Elongation factor-1	48.50	0.00
TRINITY_sp|Q9PD(lipB	Octanoyltransferase	48.50	0.00
TRINITY_sp|Q8TB(DEPTOR	DEP domain-containi	48.50	0.00
TRINITY_sp|Q9SE(GAL1	Galactokinase OS=Ar	48.50	0.00
TRINITY_sp|P271(ODC1	Ornithine decarboxy	48.50	0.00
TRINITY_sp|Q7NB(dnaJ	Chaperone protein D	48.50	0.00
TRINITY_sp|Q9D6(Calm13	Calmodulin-like pro	48.50	0.00
TRINITY_sp|Q9SG(HMGB9	High mobility group	48.50	0.00
TRINITY_sp|Q9SZ(GPX7	Putative glutathion	48.50	0.00

TRINITY_sp|Q54NVLIMB	LIM domain-containi	48.50	0.00
TRINITY_sp|Q0WWWATG3	Autophagy-related p	48.50	0.00
TRINITY_sp|Q08JZNSUN2	tRNA (cytosine(34)-	48.50	0.00
TRINITY_sp|P5314TOS8	Homeobox protein TO	48.50	0.00
TRINITY_sp|Q5IFNOt01g064	Cryptochrome DASH,	48.50	0.00
TRINITY_sp|Q9NR(BIRC6	Baculoviral IAP rep	48.50	0.00
TRINITY_sp|F4IACSS3	Starch synthase 3,	48.50	0.00
TRINITY_sp|F4IV(CHR5	Protein CHROMATIN R	48.50	0.00
TRINITY_sp|Q6GN(nt5dc3	5'-nucleotidase dom	48.50	0.00
TRINITY_sp|P348(CPN10	10 kDa chaperonin,	48.50	0.00
TRINITY_sp|Q922FPrkx	cAMP-dependent prot	48.40	0.00
TRINITY_sp|Q9M7METR1	Ethylene receptor O	48.40	0.00
TRINITY_sp|O548(Dusp5	Dual specificity pr	48.40	0.00
TRINITY_sp|P256(PWP2	Periodic tryptophan	48.40	0.00
TRINITY_sp|Q47P(pamO	Phenylacetone monoo	48.40	0.00
TRINITY_sp|Q6AYI(Pa2g4	Proliferation-assoc	48.40	0.00
TRINITY_sp|P4274-	Polyubiquitin OS=Ag	48.40	0.00
TRINITY_sp|O458(ndx-1	Putative nudix hydr	48.40	0.00
TRINITY_sp|Q9ZR(DSPTP1	Dual specificity pr	48.40	0.00
TRINITY_sp|Q9SF(TIM14-2	Mitochondrial impor	48.40	0.00
TRINITY_sp|Q0JI(CIPK11	CBL-interacting pro	48.40	0.00
TRINITY_sp|Q9Z2(Pdpk1	3-phosphoinositide-	48.40	0.00
TRINITY_sp|P0C5(mic-33	Putative mitochondr	48.40	0.00
TRINITY_sp|O647(At2g3017	Probable protein ph	48.40	0.00
TRINITY_sp|Q8K1(Sde2	Protein SDE2 homolo	48.40	0.00
TRINITY_sp|Q54G(tagxt	Serine--pyruvate am	48.40	0.00
TRINITY_sp|P281(pkgb	Protein kinase 2 OS	48.40	0.00
TRINITY_sp|Q140(CAMK1	Calcium/calmodulin-	48.40	0.00
TRINITY_sp|O745(qcr7	Cytochrome b-c1 com	48.40	0.00
TRINITY_sp|Q9SE(FIP2	FH protein interact	48.40	0.00
TRINITY_sp|Q54D(stil	Protein STIP1 homol	48.40	0.00
TRINITY_sp|A7SDV(v1g16942	Eukaryotic translat	48.40	0.00
TRINITY_sp|Q5AIF(ENG1	Endo-1,3(4)-beta-gl	48.40	0.00
TRINITY_sp|Q1LU(weif3eb	Eukaryotic translat	48.40	0.00
TRINITY_sp|A8JF(CFAP65	Cilia- and flagella	48.40	0.00
TRINITY_sp|Q55C(vps16	Vacuolar protein so	48.40	0.00
TRINITY_sp|P253(mlkA	Myosin light chain	48.40	0.00
TRINITY_sp|Q9MB(FKFBP	6-phosphofructo-2-k	48.40	0.00
TRINITY_sp|Q1RL(Cpne9	Copine-9 OS=Mus mus	48.40	0.00
TRINITY_sp|Q9LE(IRE	Probable serine/thr	48.40	0.00
TRINITY_sp|P271(odc1-a	Ornithine decarboxy	48.40	0.00
TRINITY_sp|Q5T6(CFAP58	Cilia- and flagella	48.40	0.00
TRINITY_sp|Q9M8(UGT80A2	Sterol 3-beta-gluco	48.40	0.00
TRINITY_sp|P617(APTX	Aprataxin (Fragment	48.40	0.00
TRINITY_sp|Q617(Kif3b	Kinesin-like protei	48.40	0.00
TRINITY_sp|Q7XA(THF1	Protein THYLAKOID F	48.40	0.00
TRINITY_sp|B8GF(igpma	2,3-bisphosphoglyce	48.40	0.00
TRINITY_sp|Q9FT(RECQL3	ATP-dependent DNA h	48.40	0.00
TRINITY_sp|P126(YPK1	Serine/threonine-pr	48.40	0.00
TRINITY_sp|Q54K(cysS	Cysteine--tRNA liga	48.40	0.00
TRINITY_sp|A8AK(hslU	ATP-dependent prote	48.40	0.00
TRINITY_sp|Q229(C37C3.2	Eukaryotic translat	48.40	0.00
TRINITY_sp|O744(dps1	Aspartate--tRNA lig	48.40	0.00
TRINITY_sp|P223(HSF24	Heat shock factor p	48.40	0.00
TRINITY_sp|Q452(hbdA	3-hydroxybutyryl-Co	48.40	0.00
TRINITY_sp|Q28F(morn5	MORN repeat-contain	48.40	0.00

TRINITY_sp|A1Z9Fmip120	Protein lin-54 homo	48.40	0.00
TRINITY_sp|Q8GZFPPLA2-BE7	Phospholipase A2-be	48.40	0.00
TRINITY_sp|Q9SEF-	Pirin-like protein	48.40	0.00
TRINITY_sp|Q54YfdhkB	Hybrid signal trans	48.40	0.00
TRINITY_sp|C0QKQgroS	10 kDa chaperonin O	48.40	0.00
TRINITY_sp|P426f-	14-3-3-like protein	48.30	0.00
TRINITY_sp|Q9XYIfcpA	Probable C-terminal	48.30	0.00
TRINITY_sp|Q9U7Exnp-1	Transcriptional reg	48.30	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	48.30	0.00
TRINITY_sp|Q294fMAN2B1	Lysosomal alpha-man	48.30	0.00
TRINITY_sp|Q9914HIS1	ATP phosphoribosylt	48.30	0.00
TRINITY_sp|Q91WUAs3mt	Arsenite methyltran	48.30	0.00
TRINITY_sp|Q9LZCABCC14	ABC transporter C f	48.30	0.00
TRINITY_sp|Q6DJFccdc130	Coiled-coil domain-	48.30	0.00
TRINITY_sp|Q7XA6MTN2	5'-methylthioadenos	48.30	0.00
TRINITY_sp|Q55CfmaspS	Aspartate--tRNA lig	48.30	0.00
TRINITY_sp|Q9H61PIF1	ATP-dependent DNA h	48.30	0.00
TRINITY_sp|P527f-	Glutamine--tRNA lig	48.30	0.00
TRINITY_sp|P905f-	66 kDa stress prote	48.30	0.00
TRINITY_sp|O027fPARG	Poly(ADP-ribose) gl	48.30	0.00
TRINITY_sp|P044f-	Calmodulin OS=Triti	48.30	0.00
TRINITY_sp|O494fPHB1	Prohibitin-1, mitoc	48.30	0.00
TRINITY_sp|Q5RDUPARP6	Poly [ADP-ribose] p	48.30	0.00
TRINITY_sp|P162fMOD1	NADP-dependent mali	48.30	0.00
TRINITY_sp|P490fPOLD2	DNA polymerase delt	48.30	0.00
TRINITY_sp|Q5VRfHGO	Homogentisate 1,2-d	48.30	0.00
TRINITY_sp|Q91YfCamk1	Calcium/calmodulin-	48.30	0.00
TRINITY_sp|P1761ypt3	GTP-binding protein	48.30	0.00
TRINITY_sp|Q9C6fLHCA5	Photosystem I chlor	48.30	0.00
TRINITY_sp|Q54TfmrkC	Probable serine/thr	48.30	0.00
TRINITY_sp|A4IHfobp1	Ribosome biogenesis	48.30	0.00
TRINITY_sp|Q9LNfRAA3	Arabinosyltransfera	48.30	0.00
TRINITY_sp|Q6Z8fOs02g01f	L-aspartate oxidase	48.30	0.00
TRINITY_sp|Q8LGfIDH6	Isocitrate dehydrog	48.30	0.00
TRINITY_sp|Q5U2fFbxo9	F-box only protein	48.30	0.00
TRINITY_sp|P465fpip	Proline iminopeptid	48.30	0.00
TRINITY_sp|Q053fSchC	Putative polyketide	48.30	0.00
TRINITY_sp|Q5XICeci2	Enoyl-CoA delta iso	48.30	0.00
TRINITY_sp|Q168fTXNRD1	Thioredoxin reducta	48.30	0.00
TRINITY_sp|A1A5fPrpf6	Pre-mRNA-processing	48.30	0.00
TRINITY_sp|Q96JfDNAH8	Dynein heavy chain	48.30	0.00
TRINITY_sp|Q9BUfTRMO	tRNA (adenine(37)-N	48.30	0.00
TRINITY_sp|Q5M9fIarl6	ADP-ribosylation fa	48.30	0.00
TRINITY_sp|Q921fSf3b3	Splicing factor 3B	48.30	0
TRINITY_sp|Q125fAO-I	Copper amine oxidas	48.30	0.00
TRINITY_sp|Q5U4fmeis3-a	Homeobox protein me	48.30	0.00
TRINITY_sp|Q9Y3fIAK6	Adenylate kinase is	48.20	0.00
TRINITY_sp|Q9SFfRABE1E	Ras-related protein	48.20	0.00
TRINITY_sp|Q54X1DDB_G02f	Glucose-induced deg	48.20	0.00
TRINITY_sp|B3DNfAPC6	Anaphase-promoting	48.20	0.00
TRINITY_sp|Q54F1nubp1	Iron-sulfur protein	48.20	0.00
TRINITY_sp|O140f(mak2	Peroxide stress-act	48.20	0.00
TRINITY_sp|Q2KJfPGS1	CDP-diacylglycerol-	48.20	0.00
TRINITY_sp|Q8T1famd1	S-adenosylmethionin	48.20	0.00
TRINITY_sp|Q55Ff(mef2A	Transcription facto	48.20	0.00
TRINITY_sp|Q0WW2At4g344f	Coatomer subunit ga	48.20	0.00

TRINITY_sp|P0498cprA	Cysteine proteinase	48.20	0.00
TRINITY_sp|Q9P2FZNF1	NFX1-type zinc fing	48.20	0.00
TRINITY_sp|Q5ZIVPEO1	Twinkle protein, mi	48.20	0.00
TRINITY_sp|B8BM1MCM7	DNA replication lic	48.20	0.00
TRINITY_sp|Q8W11KIN14F	Kinesin-like protei	48.20	0.00
TRINITY_sp|Q5ZICSLU7	Pre-mRNA-splicing f	48.20	0.00
TRINITY_sp|Q54Y2ndrA	Probable serine/thr	48.20	0.00
TRINITY_sp|Q9LNRPN3A	26S proteasome non-	48.20	0.00
TRINITY_sp|P0432pol	Retrovirus-related	48.20	0.00
TRINITY_sp|P2751CBR	Carotene biosynthes	48.20	0.00
TRINITY_sp|P4703PRY3	Cell wall protein P	48.20	0.00
TRINITY_sp|Q8R9vacpP	Acyl carrier protei	48.20	0.00
TRINITY_sp|Q54B3pake	Serine/threonine-pr	48.20	0.00
TRINITY_sp|P5467pikD	Phosphatidylinosito	48.20	0.00
TRINITY_sp|P4329SRK2G	Serine/threonine-pr	48.20	0.00
TRINITY_sp|Q8BW9Camk1d	Calcium/calmodulin-	48.20	0.00
TRINITY_sp|Q9207Scpep1	Retinoid-inducible	48.20	0.00
TRINITY_sp|Q9FHMKIN14E	Kinesin-like protei	48.20	0.00
TRINITY_sp|O0492GPX2	Probable glutathion	48.20	0.00
TRINITY_sp|Q9FT7RECQL1	ATP-dependent DNA h	48.20	0.00
TRINITY_sp|Q0433YMR196W	Uncharacterized pro	48.20	0.00
TRINITY_sp|Q9NR9BIRC6	Baculoviral IAP rep	48.20	0.00
TRINITY_sp|Q9SC9UPL7	E3 ubiquitin-protei	48.20	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	48.20	0.00
TRINITY_sp|Q8GY2UPL1	E3 ubiquitin-protei	48.20	0.00
TRINITY_sp|Q52K1Srrm1	Serine/arginine rep	48.20	0.00
TRINITY_sp|Q9LTCPDR2	Probable manganese-	48.20	0.00
TRINITY_sp|Q54VFhb9	Homeobox protein 9	48.20	0.00
TRINITY_sp|Q3T03POLD4	DNA polymerase delt	48.20	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	48.20	0
TRINITY_sp|Q93Z5At3g1619	Probable inactive n	48.20	0.00
TRINITY_sp|Q9M35AGD6	Probable ADP-ribosy	48.20	0.00
TRINITY_sp|Q0WVIMCM4	DNA replication lic	48.20	0.00
TRINITY_sp|Q9UHIDPP7	Dipeptidyl peptidas	48.10	0.00
TRINITY_sp|Q8X53ydiF	Acetate CoA-transfe	48.10	0.00
TRINITY_sp|Q9XIHALA3	Phospholipid-transp	48.10	0.00
TRINITY_sp|B3RY9TRIADDR7	E3 UFM1-protein lig	48.10	0.00
TRINITY_sp|P0901SNRPA	U1 small nuclear ri	48.10	0.00
TRINITY_sp|Q54Y1mai	Maleylacetoacetate	48.10	0.00
TRINITY_sp|A6QLV7TGDS	dTDP-D-glucose 4,6-	48.10	0.00
TRINITY_sp|P1187-	High mobility group	48.10	0.00
TRINITY_sp|Q2128K07E3.7	Probable cation-tra	48.10	0.00
TRINITY_sp|Q55G1pomp	Proteasome maturati	48.10	0.00
TRINITY_sp|D5D81ftsH	ATP-dependent zinc	48.10	0.00
TRINITY_sp|Q9EP9Arfgap1	ADP-ribosylation fa	48.10	0.00
TRINITY_sp|Q6GN1dis31	DIS3-like exonuclea	48.10	0.00
TRINITY_sp|Q9SF9RABE1E	Ras-related protein	48.10	0.00
TRINITY_sp|Q54F2mroh1	Maestro heat-like r	48.10	0.00
TRINITY_sp|Q9HDVpgs1	CDP-diacylglycerol-	48.10	0.00
TRINITY_sp|P0477-	Glutamine synthetas	48.10	0.00
TRINITY_sp|O1899DNASE1	Deoxyribonuclease-1	48.10	0.00
TRINITY_sp|Q4U23agtpbp1	Cytosolic carboxype	48.10	0.00
TRINITY_sp|Q9XTFZK262.3	Lipase ZK262.3 OS=C	48.10	0.00
TRINITY_sp|A8J69CFAP54	Cilia- and flagella	48.10	0.00
TRINITY_sp|P2744MARK3	MAP/microtubule aff	48.10	0.00
TRINITY_sp|Q55B1nmd3	60S ribosomal expor	48.10	0.00

TRINITY_sp|Q9FKHAt5g4884	Pantoate--beta-alan	48.10	0.00
TRINITY_sp|P5353SSU72	RNA polymerase II s	48.10	0.00
TRINITY_sp|O440(PYK	Pyruvate kinase OS=	48.10	0.00
TRINITY_sp|Q9FYERS2Z32	Serine/arginine-ric	48.10	0.00
TRINITY_sp|Q1414DHX34	Probable ATP-depend	48.10	0.00
TRINITY_sp|Q2HJ1RAB8B	Ras-related protein	48.10	0.00
TRINITY_sp|A0Q3FribBA	Riboflavin biosynth	48.10	0.00
TRINITY_sp|Q9M3(ATM	Serine/threonine-pr	48.10	0.00
TRINITY_sp|P3952DRS2	Probable phospholip	48.10	0.00
TRINITY_sp|Q9P2IDNAH1	Dynein heavy chain	48.10	0.00
TRINITY_sp|Q0VA6usp16	Ubiquitin carboxyl-	48.10	0.00
TRINITY_sp|P1579Camk2d	Calcium/calmodulin-	48.10	0.00
TRINITY_sp|Q944FHDA2	Histone deacetylase	48.10	0.00
TRINITY_sp|Q9LE8IRE	Probable serine/thr	48.10	0.00
TRINITY_sp|P9166(1(2)0365	Probable multidrug	48.10	0.00
TRINITY_sp|F4JZ(TEEC	Thylakoid membrane	48.10	0.00
TRINITY_sp|P4827ycf39	Uncharacterized pro	48.10	0.00
TRINITY_sp|C1C4Mapip	Methylthioribulose-	48.10	0.00
TRINITY_sp|Q8GW(At5g6344	UPF0235 protein At5	48.10	0.00
TRINITY_sp|Q9D62Nop56	Nucleolar protein 5	48.10	0.00
TRINITY_sp|A6LP6pth	Peptidyl-tRNA hydro	48.10	0.00
TRINITY_sp|F4HX\NUP155	Nuclear pore comple	48.10	0.00
TRINITY_sp|Q9LZINCS1	Purine-uracil perme	48.10	0.00
TRINITY_sp|Q9DE1BAZ2B	Bromodomain adjacen	48.10	0.00
TRINITY_sp|Q54B8csn4	COP9 signalosome co	48.10	0.00
TRINITY_sp|A8GAImtnK	Methylthioribose ki	48.10	0.00
TRINITY_sp|Q8UA7blh	Beta-lactamase hydr	48.10	0.00
TRINITY_sp|Q54V1glud2	Glutamate dehydroge	48.10	0.00
TRINITY_sp|P0CM3ATG7	Ubiquitin-like modi	48.10	0.00
TRINITY_sp|Q6NW\Ift122	Intraflagellar tran	48.10	0
TRINITY_sp|P0432pol	Retrovirus-related	48.10	0.00
TRINITY_sp|Q54CncysK	Cysteine synthase O	48.10	0.00
TRINITY_sp|Q22X2THERM_	(Alpha-tubulin N-ace	48.00	0.00
TRINITY_sp|P176(ypt2	GTP-binding protein	48.00	0.00
TRINITY_sp|Q9ST1VPS29	Vacuolar protein so	48.00	0.00
TRINITY_sp|Q86CFatg12	Ubiquitin-like prot	48.00	0.00
TRINITY_sp|Q2KIIOSTC	Oligosaccharyltrans	48.00	0.00
TRINITY_sp|P491(Os05g01(	Cytochrome b5 OS=Or	48.00	0.00
TRINITY_sp|Q9SK3MP3	Probable steroid-bi	48.00	0.00
TRINITY_sp|Q8101Trim50	E3 ubiquitin-protei	48.00	0.00
TRINITY_sp|A9GF1apt	Adenine phosphoribo	48.00	0.00
TRINITY_sp|O8072ABCB4	ABC transporter B f	48.00	0.00
TRINITY_sp|Q5RB1PSMD12	26S proteasome non-	48.00	0.00
TRINITY_sp|Q1452HABP2	Hyaluronan-binding	48.00	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	48.00	0.00
TRINITY_sp|Q9BZ(ABCA2	ATP-binding cassett	48.00	0.00
TRINITY_sp|Q52JFVIP2	Probable NOT transc	48.00	0.00
TRINITY_sp|Q9FJ1EB1B	Microtubule-associa	48.00	0.00
TRINITY_sp|Q500VPIGM	GPI mannosyltransfe	48.00	0.00
TRINITY_sp|O6052NEMF	Nuclear export medi	48.00	0.00
TRINITY_sp|Q5WL6rplX	50S ribosomal prote	48.00	0.00
TRINITY_sp|Q9FE1SRT1	NAD-dependent prote	48.00	0.00
TRINITY_sp|A0T0(rpl21	50S ribosomal prote	48.00	0.00
TRINITY_sp|Q9STICEP2	KDEL-tailed cystein	48.00	0.00
TRINITY_sp|Q22X2THERM_	(Alpha-tubulin N-ace	48.00	0.00
TRINITY_sp|P527(trs-1	Threonine--tRNA lig	48.00	0.00

TRINITY_sp|O5992pkar	cAMP-dependent prot	48.00	0.00
TRINITY_sp|O0011AGPS	Alkyldihydroxyaceto	48.00	0.00
TRINITY_sp|Q7U2FMb0150	Putative S-adenosyl	48.00	0.00
TRINITY_sp|P0406FUCA1	Tissue alpha-L-fuco	48.00	0.00
TRINITY_sp|Q9R11Ctsz	Cathepsin Z OS=Ratt	48.00	0.00
TRINITY_sp|Q3981-	Calnexin homolog OS	48.00	0.00
TRINITY_sp|Q7L27KCTD9	BTB/POZ domain-cont	48.00	0.00
TRINITY_sp|Q3892RABB1B	Ras-related protein	48.00	0.00
TRINITY_sp|Q6QN1-	Nascent polypeptide	48.00	0.00
TRINITY_sp|P2881PA3568	Uncharacterized pro	48.00	0.00
TRINITY_sp|O5748-	Voltage-dependent L	48.00	0.00
TRINITY_sp|E0X91At3g6355	Zinc finger CCCH do	48.00	0.00
TRINITY_sp|P1275RSP3	Flagellar radial sp	48.00	0.00
TRINITY_sp|O7606TM7SF2	Delta(14)-sterol re	48.00	0.00
TRINITY_sp|Q8W02CCR4-1	Carbon catabolite r	48.00	0.00
TRINITY_sp|P5415MSR4	Peptide methionine	48.00	0.00
TRINITY_sp|B9DGIACS	Acetyl-coenzyme A s	48.00	0.00
TRINITY_sp|Q54BMmcfG	Mitochondrial subst	48.00	0.00
TRINITY_sp|Q84RFARI7	Probable E3 ubiquit	48.00	0.00
TRINITY_sp|B5FY1LAMTOR2	Ragulator complex p	48.00	0.00
TRINITY_sp|F5A89DAB1	Dynein assembly fac	48.00	0.00
TRINITY_sp|Q2JM7aspS	Aspartate--tRNA(Asp	48.00	0.00
TRINITY_sp|Q3ZC(CNOT7	CCR4-NOT transcript	48.00	0.00
TRINITY_sp|P3158YPTV1	GTP-binding protein	48.00	0.00
TRINITY_sp|O8088ARASP	Membrane metallopro	48.00	0.00
TRINITY_sp|A2CE8cyb5d2	Neuferricin OS=Dani	48.00	0.00
TRINITY_sp|P5347-	Actin-2 OS=Schistos	48.00	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	48.00	0.00
TRINITY_sp|Q6DF7papd4-b	Poly(A) RNA polymer	48.00	0.00
TRINITY_sp|Q6174Eif2b4	Translation initiat	48.00	0.00
TRINITY_sp|Q9C58MKP1	Protein-tyrosine-ph	48.00	0.00
TRINITY_sp|Q6038MJ0079	Uncharacterized pro	48.00	0.00
TRINITY_sp|Q9T07PCKA	Phosphoenolpyruvate	48.00	0.00
TRINITY_sp|P222(-	Pyruvate kinase, cy	48.00	0.00
TRINITY_sp|O9448tef3	Elongation factor 3	48.00	0.00
TRINITY_sp|Q15K1PHYLLO	Protein PHYLLO, chl	48.00	0.00
TRINITY_sp|P0073F2	Prothrombin OS=Homo	47.90	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	47.90	0.00
TRINITY_sp|P5016Rdh3	Retinol dehydrogena	47.90	0.00
TRINITY_sp|O0066FCN1	Ficolin-1 OS=Homo s	47.90	0.00
TRINITY_sp|Q9FL1ABCA9	ABC transporter A f	47.90	0.00
TRINITY_sp|Q5VJ1gdt9	Probable serine/thr	47.90	0.00
TRINITY_sp|Q54T1mrpl17	Probable 39S riboso	47.90	0.00
TRINITY_sp|Q54Q1erKB	Extracellular signa	47.90	0.00
TRINITY_sp|Q9P95alxA	Alternative oxidase	47.90	0.00
TRINITY_sp|Q9Z21Mtmr2	Myotubularin-relate	47.90	0.00
TRINITY_sp|Q54X7DDB_G027	DEP domain-containi	47.90	0.00
TRINITY_sp|E9PV7Gcn1	eIF-2-alpha kinase	47.90	0.00
TRINITY_sp|Q54G(xpnpep1	Xaa-Pro aminopeptid	47.90	0.00
TRINITY_sp|Q96G7SDSL	Serine dehydratase-	47.90	0.00
TRINITY_sp|Q54W(bud32	EKC/KEOPS complex s	47.90	0.00
TRINITY_sp|Q5VJ1gdt9	Probable serine/thr	47.90	0.00
TRINITY_sp|Q54V7DDB_G028	Probable serine/thr	47.90	0.00
TRINITY_sp|Q4G33-	Peptidyl-prolyl cis	47.90	0.00
TRINITY_sp|P7362sl11773	Putative quercetin	47.90	0.00
TRINITY_sp|Q76N1ERD2	ER lumen protein-re	47.90	0.00

TRINITY_sp|Q2KI2TMEM256	Transmembrane prote	47.90	0.00
TRINITY_sp|Q62JHalcl1	Probable allantoica	47.90	0.00
TRINITY_sp|Q2556UMP	Uridine 5'-monophos	47.90	0.00
TRINITY_sp|A7RZ5blocls2	Biogenesis of lysos	47.90	0.00
TRINITY_sp|Q54H5DDB_G028	CBS domain-containi	47.90	0.00
TRINITY_sp|A1A61NSRA	Nuclear speckle RNA	47.90	0.00
TRINITY_sp|Q6CR6mge1	GrpE protein homolo	47.90	0.00
TRINITY_sp|Q54TVpdkA	Probable serine/thr	47.90	0.00
TRINITY_sp|O6052NEMF	Nuclear export medi	47.90	0.00
TRINITY_sp|P5467apm2	AP-2 complex subuni	47.90	0.00
TRINITY_sp|Q3B40zupt	Zinc transporter Zu	47.90	0.00
TRINITY_sp|Q9FIFAt5g4772	Probable acetyl-CoA	47.90	0.00
TRINITY_sp|Q8S00Os01g089	Probable membrane-a	47.90	0.00
TRINITY_sp|Q9M9URKD1	Protein RKD1 OS=Ara	47.90	0.00
TRINITY_sp|Q4268SODA	Superoxide dismutas	47.90	0.00
TRINITY_sp|Q7Z6FRBBP6	E3 ubiquitin-protei	47.90	0.00
TRINITY_sp|A7SWFv1g19425	Pescadillo homolog	47.90	0.00
TRINITY_sp|P4700PRY3	Cell wall protein P	47.90	0.00
TRINITY_sp|P3209mutT	8-oxo-dGTP diphosph	47.90	0.00
TRINITY_sp|Q66HEIft80	Intraflagellar tran	47.90	0.00
TRINITY_sp|Q94E5PR46b	Coiled-coil domain-	47.90	0.00
TRINITY_sp|Q75LIADA2	Transcriptional ada	47.90	0.00
TRINITY_sp|Q6GQFatg3	Ubiquitin-like-conj	47.90	0.00
TRINITY_sp|Q9Z9MbsaA	Glutathione peroxid	47.90	0.00
TRINITY_sp|Q9FV1AMT1-3	Ammonium transporte	47.90	0.00
TRINITY_sp|Q9WUUCtsz	Cathepsin Z OS=Mus	47.90	0.00
TRINITY_sp|Q9V37Catsup	Protein catecholami	47.90	0.00
TRINITY_sp|Q1IN1gcvH	Glycine cleavage sy	47.90	0.00
TRINITY_sp|Q3919PSBW	Photosystem II reac	47.80	0.00
TRINITY_sp|Q54LEabcC5	ABC transporter C f	47.80	0.00
TRINITY_sp|O2356RABB1A	Ras-related protein	47.80	0.00
TRINITY_sp|Q96P4AGAP3	Arf-GAP with GTPase	47.80	0.00
TRINITY_sp|Q8WNECSTA	Cystatin-A OS=Felis	47.80	0.00
TRINITY_sp|Q9GL1ITIH3	Inter-alpha-trypsin	47.80	0.00
TRINITY_sp|Q54R7DDB_G028	Probable iron/ascor	47.80	0.00
TRINITY_sp|Q5PQ2slc30a9	Zinc transporter 9	47.80	0.00
TRINITY_sp|Q9SR1PEX13	Peroxisomal membran	47.80	0.00
TRINITY_sp|A7YT8nmt2	Glycylpeptide N-tet	47.80	0.00
TRINITY_sp|Q54VEcoq7	5-demethoxyubiquino	47.80	0.00
TRINITY_sp|O9443SPBC660	Uncharacterized RNA	47.80	0.00
TRINITY_sp|Q58D4MMAB	Cob(I)yrinic acid a	47.80	0.00
TRINITY_sp|C5CG7glgA	Glycogen synthase O	47.80	0.00
TRINITY_sp|P3641rab7A	Ras-related protein	47.80	0.00
TRINITY_sp|Q0VC7OXSM	3-oxoacyl-[acyl-car	47.80	0.00
TRINITY_sp|Q2868ABCC2	Canalicular multisp	47.80	0.00
TRINITY_sp|Q9Y4VAFG3L2	AFG3-like protein 2	47.80	0.00
TRINITY_sp|C0QTRpsO	30S ribosomal prote	47.80	0.00
TRINITY_sp|Q54P6gefA	Ras guanine nucleot	47.80	0.00
TRINITY_sp|Q8RWEUPL6	E3 ubiquitin-protei	47.80	0.00
TRINITY_sp|P0CG5UBB	Polyubiquitin-B OS=	47.80	0.00
TRINITY_sp|Q07G4sde2	Protein SDE2 homolo	47.80	0.00
TRINITY_sp|Q54N6uch2	Ubiquitin carboxyl-	47.80	0.00
TRINITY_sp|Q9M11At3g5446	F-box protein At3g5	47.80	0.00
TRINITY_sp|Q9CQ1Immp11	Mitochondrial inner	47.80	0.00
TRINITY_sp|O6146-	60S acidic ribosoma	47.80	0.00
TRINITY_sp|P0846Dlat	Dihydrolypoyllysine	47.80	0.00

TRINITY_sp|Q9SY>LIL3.1	Light-harvesting co	47.80	0.00
TRINITY_sp|O882(Aspg	60 kDa lysophosphol	47.80	0.00
TRINITY_sp|Q9BIIB0464.9	Probable protein ph	47.80	0.00
TRINITY_sp|Q54Pfcwc2	Pre-mRNA-splicing f	47.80	0.00
TRINITY_sp|Q9AS(FREE1	Protein FREE1 OS=Ar	47.80	0.00
TRINITY_sp|Q5ZJNGLY1	Peptide-N(4)-(N-ace	47.80	0.00
TRINITY_sp|Q059(Dusp2	Dual specificity pr	47.80	0.00
TRINITY_sp|Q54Q(tceb1	Transcription elong	47.80	0.00
TRINITY_sp|P005(V-YES	Tyrosine-protein ki	47.80	0.00
TRINITY_sp|Q9VN(CG12163	Putative cysteine p	47.80	0.00
TRINITY_sp|A2YH(OsI_023(	Serine/threonine-pr	47.80	0.00
TRINITY_sp|Q8K2JManba	Beta-mannosidase OS	47.80	0.00
TRINITY_sp|Q9TT(pro-pol	Pro-Pol polyprotein	47.80	0.00
TRINITY_sp|Q2N2F-	Probable phytol kin	47.80	0.00
TRINITY_sp|Q6ZR(DNAH12	Dynein heavy chain	47.80	0.00
TRINITY_sp|P0A3(cspLA	Cold shock-like pro	47.80	0.00
TRINITY_sp|P459(ARP	DNA-(apurinic or ap	47.80	0.00
TRINITY_sp|Q641Vt119	Probable tubulin po	47.80	0.00
TRINITY_sp|Q008(-	Cysteine synthase O	47.80	0.00
TRINITY_sp|Q099(yakc	Aldo-keto reductase	47.80	0.00
TRINITY_sp|Q9LKJUVH1	DNA repair endonucl	47.80	0.00
TRINITY_sp|P536(CLTCL1	Clathrin heavy chai	47.80	0.00
TRINITY_sp|Q9SHIRRP44A	Exosome complex exo	47.80	0.00
TRINITY_sp|Q9SNE LUX	Transcription facto	47.80	0.00
TRINITY_sp|Q55CJuba1	Ubiquitin-like modi	47.80	0.00
TRINITY_sp|Q9LD(TIF3A1	Eukaryotic translat	47.80	0.00
TRINITY_sp|Q8IY(DIS3L2	DIS3-like exonuclea	47.80	0.00
TRINITY_sp|Q395(-	5-methyltetrahydrop	47.80	0.00
TRINITY_sp|Q9C5(DPL1	Sphingosine-1-phosp	47.80	0.00
TRINITY_sp|P258(chcA	Clathrin heavy chai	47.80	0
TRINITY_sp|Q9BXJGTPBP2	GTP-binding protein	47.80	0.00
TRINITY_sp|Q7Z7(CENPV	Centromere protein	47.70	0.00
TRINITY_sp|Q9SA(AKHSDH1	Bifunctional aspart	47.70	0.00
TRINITY_sp|P706JMapk14	Mitogen-activated p	47.70	0.00
TRINITY_sp|Q08B(tyw5	tRNA wybutosine-syn	47.70	0.00
TRINITY_sp|Q54J(atg6B	Beclin-1-like prote	47.70	0.00
TRINITY_sp|Q6NLFNRPB9A	DNA-directed RNA po	47.70	0.00
TRINITY_sp|Q5RI(adat2	tRNA-specific adeno	47.70	0.00
TRINITY_sp|Q559(slr0305	TVP38/TMEM64 family	47.70	0.00
TRINITY_sp|Q8L6(EXO1	Exonuclease 1 OS=Ar	47.70	0.00
TRINITY_sp|Q9UK(PARP4	Poly [ADP-ribose] p	47.70	0.00
TRINITY_sp|P087(ND2	NADH-ubiquinone oxi	47.70	0.00
TRINITY_sp|Q1HD(CHX16	Cation/H(+) antipor	47.70	0.00
TRINITY_sp|O220(ANP3	Mitogen-activated p	47.70	0.00
TRINITY_sp|A5DN(YPI1	Type 1 phosphatases	47.70	0.00
TRINITY_sp|O154(MPPED1	Metallophosphoester	47.70	0.00
TRINITY_sp|Q5HK(pf1B	Formate acetyltrans	47.70	0.00
TRINITY_sp|Q94A(MKK1	Mitogen-activated p	47.70	0.00
TRINITY_sp|Q6Z6(MADS57	MADS-box transcript	47.70	0.00
TRINITY_sp|Q9AR(HAG1	Histone acetyltrans	47.70	0.00
TRINITY_sp|Q9SI(DSK2B	Ubiquitin domain-co	47.70	0.00
TRINITY_sp|P216(-	Pyrophosphate-energ	47.70	0.00
TRINITY_sp|Q6AE(dnaJ	Chaperone protein D	47.70	0.00
TRINITY_sp|Q54S(idhkD	Hybrid signal trans	47.70	0.00
TRINITY_sp|Q8BY(Rdh12	Retinol dehydrogena	47.70	0.00
TRINITY_sp|B9RA(RCOM_15(	Probable aspartyl a	47.70	0.00

TRINITY_sp|Q9FKVAt5g6615	Probable alpha-mann	47.70	0.00
TRINITY_sp|B3N4(Trip1	Eukaryotic translat	47.70	0.00
TRINITY_sp|Q9GLVPRDX5	Peroxiredoxin-5, mi	47.70	0.00
TRINITY_sp|Q9NRIABCB10	ATP-binding cassett	47.70	0.00
TRINITY_sp|Q84JIAt5g093(	2-oxoisovalerate de	47.70	0.00
TRINITY_sp|A5FNlrpsK	30S ribosomal prote	47.70	0.00
TRINITY_sp|Q9M0IPFK1	ATP-dependent 6-pho	47.70	0.00
TRINITY_sp|P5052ssp1	Serine/threonine-pr	47.70	0.00
TRINITY_sp|Q9XEHALG11	GDP-Man:Man(3)GlcNA	47.70	0.00
TRINITY_sp|F4HP2LIG6	DNA ligase 6 OS=Ara	47.70	0.00
TRINITY_sp|Q9XYIfcpA	Probable C-terminal	47.70	0.00
TRINITY_sp|Q9FJIKPNB1	Importin subunit be	47.70	0.00
TRINITY_sp|Q9LV5DPE1	4-alpha-glucanotran	47.70	0.00
TRINITY_sp|O6638sigA	RNA polymerase sigm	47.70	0.00
TRINITY_sp|Q9LSIARP2	Actin-related prote	47.70	0.00
TRINITY_sp|Q67X2At5g0655	F-box protein At5g0	47.70	0.00
TRINITY_sp|Q9SM2LKR/SDH	Alpha-aminoadipic s	47.70	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	47.70	0.00
TRINITY_sp|P3703Por	NADPH--cytochrome P	47.70	0.00
TRINITY_sp|Q6454Atpla4	Sodium/potassium-tr	47.70	0.00
TRINITY_sp|P3905-	Dynein beta chain,	47.70	0.00
TRINITY_sp|Q9M0IRPL28C	60S ribosomal prote	47.70	0.00
TRINITY_sp|Q9C6IMTK	Methylthioribose ki	47.70	0.00
TRINITY_sp|Q86S(DHDDS	Dehydrodolichyl dip	47.70	0.00
TRINITY_sp|Q8WX2DNAH7	Dynein heavy chain	47.70	0.00
TRINITY_sp|Q9C52HAC1	Histone acetyltrans	47.70	0.00
TRINITY_sp|Q8WX2DNAH7	Dynein heavy chain	47.70	0.00
TRINITY_sp|Q4142PCM3	Putative calmodulin	47.60	0.00
TRINITY_sp|Q4551-	D-hydantoinase OS=G	47.60	0.00
TRINITY_sp|F0NBI\$SiRe_144	Protein-lysine N-me	47.60	0.00
TRINITY_sp|Q9188hspa5	78 kDa glucose-regu	47.60	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	47.60	0.00
TRINITY_sp|P5707NMA0194	Uncharacterized pro	47.60	0.00
TRINITY_sp|Q54Nfvps28	Vacuolar protein so	47.60	0.00
TRINITY_sp|Q05A1Sdr16c6	Short-chain dehydro	47.60	0.00
TRINITY_sp|Q54Bfgggs1	Geranylgeranyl pyro	47.60	0.00
TRINITY_sp|P3862PRE3	Proteasome subunit	47.60	0.00
TRINITY_sp|Q7RA\CPK3	Calcium-dependent p	47.60	0.00
TRINITY_sp|Q9AT7FAD2	Delta(12) fatty aci	47.60	0.00
TRINITY_sp|Q9P2FKIF17	Kinesin-like protei	47.60	0.00
TRINITY_sp|Q9XT5PDE6D	Retinal rod rhodops	47.60	0.00
TRINITY_sp|O2278PRP19B	Pre-mRNA-processing	47.60	0.00
TRINITY_sp|Q9LP4RPN6	26S proteasome non-	47.60	0.00
TRINITY_sp|O1544MPPED1	Metallophosphoester	47.60	0.00
TRINITY_sp|Q86K2cpnB-1	Copine-B OS=Dictyos	47.60	0.00
TRINITY_sp|P707(Atp7a	Copper-transporting	47.60	0.00
TRINITY_sp|O1526SPTLC1	Serine palmitoyltra	47.60	0.00
TRINITY_sp|P4512etta	Energy-dependent tr	47.60	0.00
TRINITY_sp|Q5Z81Os06g071	RNA pseudouridine s	47.60	0.00
TRINITY_sp|P0CQ4REX4	RNA exonuclease 4 O	47.60	0.00
TRINITY_sp|Q6P3FNEK5	Serine/threonine-pr	47.60	0.00
TRINITY_sp|C0QRfgatA	Glutamyl-tRNA(Gln)	47.60	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	47.60	0.00
TRINITY_sp|Q8WZMGCN5	Histone acetyltrans	47.60	0.00
TRINITY_sp|F1R34ddx11	ATP-dependent DNA h	47.60	0.00
TRINITY_sp|A7MGVpepB	Peptidase B OS=Cron	47.60	0.00

TRINITY_sp|Q54U|shkD	Dual specificity pr	47.60	0.00
TRINITY_sp|P067|Polb	DNA polymerase beta	47.60	0.00
TRINITY_sp|Q7Z4|HDCC2	HD domain-containin	47.60	0.00
TRINITY_sp|P136|Atpalpha	Sodium/potassium-tr	47.60	0.00
TRINITY_sp|Q96M|CFAP44	Cilia- and flagella	47.60	0.00
TRINITY_sp|P227|Gucylb2	Guanylate cyclase s	47.60	0.00
TRINITY_sp|Q9AT|UVH3	DNA repair protein	47.60	0.00
TRINITY_sp|Q631|Dnah7	Dynein heavy chain	47.50	0.00
TRINITY_sp|P480|gacS	Sensor protein GacS	47.50	0.00
TRINITY_sp|O943|ppk31	Serine/threonine-pr	47.50	0.00
TRINITY_sp|Q54G|DDB_G02	Protein CLEC16A hom	47.50	0.00
TRINITY_sp|C1AB|engB	Probable GTP-bindin	47.50	0.00
TRINITY_sp|Q125|rasA	Ras-like protein OS	47.50	0.00
TRINITY_sp|P530|SLC25A1	Tricarboxylate tran	47.50	0.00
TRINITY_sp|A1CB|alg3	Dol-P-Man:Man(5)Glc	47.50	0.00
TRINITY_sp|O221|RHC1A	Probable E3 ubiquit	47.50	0.00
TRINITY_sp|Q418|-	ATP synthase subuni	47.50	0.00
TRINITY_sp|Q95U|rdiA	Putative rho GDP-di	47.50	0.00
TRINITY_sp|Q5T3|ABCC10	Multidrug resistanc	47.50	0.00
TRINITY_sp|O438|ATP9B	Probable phospholip	47.50	0.00
TRINITY_sp|Q246|ref(2)P	Protein ref(2)P OS=	47.50	0.00
TRINITY_sp|Q8RW|PUX4	Plant UBX domain-co	47.50	0.00
TRINITY_sp|Q91V|Memo1	Protein MEMO1 OS=Mu	47.50	0.00
TRINITY_sp|Q8BX|Ctdsp2	Carboxy-terminal do	47.50	0.00
TRINITY_sp|G0Y2|SSL-2	Botryococcus squale	47.50	0.00
TRINITY_sp|A8IZ|CHLREDR	Probable cytosolic	47.50	0.00
TRINITY_sp|Q3MG|rsgA	Putative ribosome b	47.50	0.00
TRINITY_sp|Q2UG|atg1	Serine/threonine-pr	47.50	0.00
TRINITY_sp|Q625|Ift52	Intraflagellar tran	47.50	0.00
TRINITY_sp|O087|Ube3a	Ubiquitin-protein l	47.50	0.00
TRINITY_sp|Q8TC|MARCH1	E3 ubiquitin-protei	47.50	0.00
TRINITY_sp|Q9AS|SBH2	Sphinganine C4-mono	47.50	0.00
TRINITY_sp|Q2RB|Os11g01	Clathrin heavy chai	47.50	0.00
TRINITY_sp|Q4V7|Insun2	tRNA (cytosine(34)-	47.50	0.00
TRINITY_sp|Q246|ref(2)P	Protein ref(2)P OS=	47.50	0.00
TRINITY_sp|Q6ZD|Os07g01	Phosphoacetylglucos	47.50	0.00
TRINITY_sp|Q9ST|HSP90-7	Endoplasmin homolog	47.50	0.00
TRINITY_sp|P308|Aldh3a2	Fatty aldehyde dehy	47.50	0.00
TRINITY_sp|O227|AP1M2	AP-1 complex subuni	47.50	0.00
TRINITY_sp|O043|PHB3	Prohibitin-3, mitoc	47.50	0.00
TRINITY_sp|Q6FS|DBP3	ATP-dependent RNA h	47.50	0.00
TRINITY_sp|Q9VX|Cyp4s3	Probable cytochrome	47.50	0.00
TRINITY_sp|A0AV|UBA6	Ubiquitin-like modi	47.50	0.00
TRINITY_sp|Q9FZ|PEX11A	Peroxisomal membran	47.50	0.00
TRINITY_sp|Q6EU|PUB4	U-box domain-contai	47.50	0.00
TRINITY_sp|Q7TX|IppsC	Phthiocerol/phenolp	47.50	0.00
TRINITY_sp|Q54T|GtaI	GATA zinc finger do	47.50	0.00
TRINITY_sp|Q7XR|YSL6	Probable metal-nico	47.50	0.00
TRINITY_sp|Q9D2|Mmab	Cob(I)yrinic acid a	47.50	0.00
TRINITY_sp|Q8L6|RPOT1-T	DNA-directed RNA po	47.50	0.00
TRINITY_sp|Q66K|phospho	Probable phosphatas	47.50	0.00
TRINITY_sp|Q3ZC|LSM8	U6 snRNA-associated	47.50	0.00
TRINITY_sp|Q69U|RMR1	Receptor homology r	47.50	0.00
TRINITY_sp|Q8GW|PMRT15	Protein arginine N-	47.50	0.00
TRINITY_sp|O944|tef3	Elongation factor 3	47.50	0.00
TRINITY_sp|Q5E9|ARF3	ADP-ribosylation fa	47.50	0.00

TRINITY_sp|Q9452Dlc90F	Dynein light chain	47.50	0.00
TRINITY_sp|P5652HDAC3	Histone deacetylase	47.40	0.00
TRINITY_sp|Q9LJIM3KE1	MAP3K epsilon prote	47.40	0.00
TRINITY_sp|Q6BY2PSF3	DNA replication com	47.40	0.00
TRINITY_sp|Q6IMAlra	Aldose reductase A	47.40	0.00
TRINITY_sp|Q9UIHMUTYH	Adenine DNA glycosy	47.40	0.00
TRINITY_sp|Q9P71vas2	AP-1 complex subuni	47.40	0.00
TRINITY_sp|P8237scrK	Fructokinase OS=Lac	47.40	0.00
TRINITY_sp|Q8IB8CPK4	Calcium-dependent p	47.40	0.00
TRINITY_sp|P3867ro-4	Actin-like protein	47.40	0.00
TRINITY_sp|Q54K8talB	Talin-B OS=Dictyost	47.40	0.00
TRINITY_sp|P5427PMS1	PMS1 protein homolo	47.40	0.00
TRINITY_sp|B7F9CADIPOR1	Heptahelical transm	47.40	0.00
TRINITY_sp|Q9SRQPEX19-1	Peroxisome biogenes	47.40	0.00
TRINITY_sp|P2955-	Eukaryotic translat	47.40	0.00
TRINITY_sp|O6446PBF1	Proteasome subunit	47.40	0.00
TRINITY_sp|Q2RR1msrA	Peptide methionine	47.40	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	47.40	0.00
TRINITY_sp|Q8T6cabca6	ABC transporter A f	47.40	0.00
TRINITY_sp|Q101(mra1	Ribosomal RNA small	47.40	0.00
TRINITY_sp|Q54N0cyb5r1	NADH-cytochrome b5	47.40	0.00
TRINITY_sp|Q9LXFAt5g1062	Putative RNA methyl	47.40	0.00
TRINITY_sp|Q28IIglrx3	Glutaredoxin-3 OS=X	47.40	0.00
TRINITY_sp|Q0VG1Zgrf1	Protein ZGRF1 OS=MU	47.40	0.00
TRINITY_sp|Q465(hndD	NADP-reducing hydro	47.40	0.00
TRINITY_sp|Q56XCRH15	DEAD-box ATP-depend	47.40	0.00
TRINITY_sp|A8X6fcmk-1	Calcium/calmodulin-	47.40	0.00
TRINITY_sp|O1497GAK	Cyclin-G-associated	47.40	0.00
TRINITY_sp|Q86Icomt6	Probable caffeoyle-C	47.40	0.00
TRINITY_sp|Q9FE1SRT1	NAD-dependent prote	47.40	0.00
TRINITY_sp|Q9M1FABCF4	ABC transporter F f	47.40	0.00
TRINITY_sp|Q54QCuba3	NEDD8-activating en	47.40	0.00
TRINITY_sp|Q9FK1COX15	Cytochrome c oxidas	47.40	0.00
TRINITY_sp|Q8LAI PDX2	Probable pyridoxal	47.40	0.00
TRINITY_sp|Q54LFDDDB_G028	Uncharacterized pro	47.40	0.00
TRINITY_sp|Q5E91DCAF11	DDB1- and CUL4-asso	47.40	0.00
TRINITY_sp|Q3T0HTRAPPC2	Trafficking protein	47.40	0.00
TRINITY_sp|Q6KC7NIPBL	Nipped-B-like prote	47.40	0.00
TRINITY_sp|Q0165RSP6	Flagellar radial sp	47.40	0.00
TRINITY_sp|Q1658MAP3K11	Mitogen-activated p	47.40	0.00
TRINITY_sp|Q9M1FABCF4	ABC transporter F f	47.40	0.00
TRINITY_sp|Q9SS3GYRBC	DNA gyrase subunit	47.40	0.00
TRINITY_sp|P052(Su(var)2	Heterochromatin pro	47.40	0.00
TRINITY_sp|Q928fgadB	Glutamate decarboxy	47.40	0.00
TRINITY_sp|Q8BI5Dyrk4	Dual specificity ty	47.40	0.00
TRINITY_sp|Q8UA7blh	Beta-lactamase hydr	47.40	0.00
TRINITY_sp|P0C7IUMAG_111	Putative DEAH-box A	47.40	0.00
TRINITY_sp|Q9UVVACT	Actin, gamma OS=Acr	47.30	0.00
TRINITY_sp|O773(RPS10	40S ribosomal prote	47.30	0.00
TRINITY_sp|Q8L07mg1	L-methionine gamma-	47.30	0.00
TRINITY_sp|Q67XAt5g0655	F-box protein At5g0	47.30	0.00
TRINITY_sp|Q54T1ube2m	NEDD8-conjugating e	47.30	0.00
TRINITY_sp|Q54N7mybL	Myb-like protein L	47.30	0.00
TRINITY_sp|Q91V7Smap1	Stromal membrane-as	47.30	0.00
TRINITY_sp|O8175RKD5	Protein RKD5 OS=Ara	47.30	0.00
TRINITY_sp|Q9ZVAt2g3871	Uncharacterized pro	47.30	0.00

TRINITY_sp|P4773	RAP1GAP	Rap1 GTPase-activat	47.30	0.00
TRINITY_sp|Q8L83	NUDT3	Nudix hydrolase 3 O	47.30	0.00
TRINITY_sp|Q0185	YPT1	Ras-like GTP-bindin	47.30	0.00
TRINITY_sp|P5492	IMP2	Inositol monophosph	47.30	0.00
TRINITY_sp|A1CD1	ddi1	DNA damage-inducibl	47.30	0.00
TRINITY_sp|Q5XG2	rnps1-a	RNA-binding protein	47.30	0.00
TRINITY_sp|Q9FN5	E2FA	Transcription facto	47.30	0.00
TRINITY_sp|Q8TH1	dapA	4-hydroxy-tetrahydr	47.30	0.00
TRINITY_sp|P4262	yqjG	Glutathionyl-hydroq	47.30	0.00
TRINITY_sp|P2587	chcA	Clathrin heavy chai	47.30	0.00
TRINITY_sp|Q8RX8	FACE1	CAAX prenyl proteas	47.30	0.00
TRINITY_sp|P5670	PSMD2	26S proteasome non-	47.30	0.00
TRINITY_sp|P4183	rae1	Poly(A)+ RNA export	47.30	0.00
TRINITY_sp|B2GU5	kdm8	Lysine-specific dem	47.30	0.00
TRINITY_sp|B9GE1	KIN12F	Kinesin-like protei	47.30	0.00
TRINITY_sp|O8884	Arl6	ADP-ribosylation fa	47.30	0.00
TRINITY_sp|Q94A2	Atlg6415	GDT1-like protein 1	47.30	0.00
TRINITY_sp|Q54S7	vps15	Probable serine/thr	47.30	0.00
TRINITY_sp|Q7Z6V	DNAJB7	DnaJ homolog subfam	47.30	0.00
TRINITY_sp|Q8L72	BGLU6	Beta-glucosidase 6	47.30	0.00
TRINITY_sp|P2685	COX2	Cytochrome c oxidas	47.30	0.00
TRINITY_sp|Q9RU5	sodA	Superoxide dismutas	47.30	0.00
TRINITY_sp|Q9D85	Bola1	Bola-like protein 1	47.30	0.00
TRINITY_sp|B8LI2	IFT25	Intraflagellar tran	47.30	0.00
TRINITY_sp|Q8VZF	INT1	Inositol transporte	47.30	0.00
TRINITY_sp|Q6GQ1	Rab31	Ras-related protein	47.30	0.00
TRINITY_sp|P0920	-	Tubulin beta-6 chai	47.30	0.00
TRINITY_sp|O1543	ABCC4	Multidrug resistanc	47.30	0.00
TRINITY_sp|Q82W1	mdh	Malate dehydrogenas	47.20	0.00
TRINITY_sp|O0444	RABA2A	Ras-related protein	47.20	0.00
TRINITY_sp|Q1581	TBCC	Tubulin-specific ch	47.20	0.00
TRINITY_sp|Q55F1	hdaA	Type-1 histone deac	47.20	0.00
TRINITY_sp|Q54E1	eif2b2	Translation initiat	47.20	0.00
TRINITY_sp|O7732	MAL3P3.	(T-complex protein 1	47.20	0.00
TRINITY_sp|P9WH1	dead	ATP-dependent RNA h	47.20	0.00
TRINITY_sp|Q9S71	MYB98	Transcription facto	47.20	0.00
TRINITY_sp|P5467	pikB	Phosphatidylinosito	47.20	0.00
TRINITY_sp|Q9SXI	AHK1	Histidine kinase 1	47.20	0.00
TRINITY_sp|F4K52	RVE2	Protein REVEILLE 2	47.20	0.00
TRINITY_sp|Q6Q11	HSMC1	Structural maintena	47.20	0.00
TRINITY_sp|Q1LZ7	ERCC1	DNA excision repair	47.20	0.00
TRINITY_sp|Q9V61	Kdm4B	Probable lysine-spe	47.20	0.00
TRINITY_sp|Q0TMI	rsmA	Ribosomal RNA small	47.20	0.00
TRINITY_sp|Q6NV5	dcaf13	DDB1- and CUL4-asso	47.20	0.00
TRINITY_sp|Q9SGV	RPN12A	26S proteasome non-	47.20	0.00
TRINITY_sp|Q8IB5	CPK4	Calcium-dependent p	47.20	0.00
TRINITY_sp|P3711	-	NADPH--cytochrome P	47.20	0.00
TRINITY_sp|F4J22	RVE7L	Protein REVEILLE 7-	47.20	0.00

TRINITY_sp|Q5ZJ(HIBCH	3-hydroxyisobutyryl	47.20	0.00
TRINITY_sp|Q54L(gata	Glutamyl-tRNA (Gln)	47.20	0.00
TRINITY_sp|Q100(grs-1	Glycine--tRNA ligas	47.20	0.00
TRINITY_sp|F4K4(KIN14S	Kinesin-like protei	47.20	0.00
TRINITY_sp|Q1PE4CDS3	Phosphatidate cytid	47.20	0.00
TRINITY_sp|Q9LE(CIP111	Calmodulin-interact	47.20	0.00
TRINITY_sp|Q054(LIPE	Hormone-sensitive l	47.20	0.00
TRINITY_sp|Q9SLIDGAT1	Diacylglycerol O-ac	47.20	0.00
TRINITY_sp|Q9XF(At3g027(	Thioredoxin F1, chl	47.20	0.00
TRINITY_sp|P493(FNTB	Protein farnesyltra	47.20	0.00
TRINITY_sp|Q431(CRY1	Cryptochrome-1 OS=A	47.20	0.00
TRINITY_sp|P176(ypt3	GTP-binding protein	47.20	0.00
TRINITY_sp|Q8AB(BT_0258	Putative glucosamin	47.20	0.00
TRINITY_sp|Q54L(zntB	Protein zntB OS=Dic	47.20	0.00
TRINITY_sp|O646(At2g456(	Histone deacetylase	47.20	0.00
TRINITY_sp|Q9ZT(STA1	Protein STABILIZED1	47.20	0.00
TRINITY_sp|A2YW(PLP2	Patatin-like protei	47.20	0.00
TRINITY_sp|Q9UR(SPAC195(	TBC domain-containi	47.20	0.00
TRINITY_sp|Q9M2(CEF	Protein transport p	47.20	0.00
TRINITY_sp|P257(RGP1	Ras-related protein	47.20	0.00
TRINITY_sp|Q9FG(RAX1	Transcription facto	47.20	0.00
TRINITY_sp|O226(DEGP1	Protease Do-like 1,	47.20	0.00
TRINITY_sp|P378(CBP3	Serine carboxypepti	47.20	0.00
TRINITY_sp|Q54R(top1	DNA topoisomerase 1	47.20	0.00
TRINITY_sp|Q9XI(PUMP3	Mitochondrial uncou	47.20	0.00
TRINITY_sp|Q945(modA	Neutral alpha-gluco	47.20	0.00
TRINITY_sp|Q3UR(Acsf3	Acyl-CoA synthetase	47.20	0.00
TRINITY_sp|Q54W(ap3d1	AP-3 complex subuni	47.20	0.00
TRINITY_sp|Q9FZ(ANP2	Mitogen-activated p	47.20	0.00
TRINITY_sp|Q7G8(Os01g03(	Probable chromatin-	47.20	0.00
TRINITY_sp|Q6P9(CYB5D1	Cytochrome b5 domai	47.20	0.00
TRINITY_sp|Q9DB(Nv1	Nuclear valosin-con	47.20	0.00
TRINITY_sp|P0DK(NRT2.1	High-affinity nitra	47.20	0.00
TRINITY_sp|Q9MA(At1g796(	Uncharacterized aar	47.20	0.00
TRINITY_sp|Q89Z(cutC	Copper homeostasis	47.20	0.00
TRINITY_sp|Q54N(cyb5r1	NADH-cytochrome b5	47.20	0.00
TRINITY_sp|Q9CF(gpo	Glutathione peroxid	47.20	0.00
TRINITY_sp|Q126(YPK9	Vacuolar cation-tra	47.10	0.00
TRINITY_sp|Q15R(anmK	Anhydro-N-acetylmur	47.10	0.00
TRINITY_sp|P0AE(barA	Signal transduction	47.10	0.00
TRINITY_sp|Q0811-	Tubulin beta chain	47.10	0.00
TRINITY_sp|P3451K11H3.3	Putative tricarboxy	47.10	0.00
TRINITY_sp|P303(CDC25B	M-phase inducer pho	47.10	0.00
TRINITY_sp|Q018(YPT1	Ras-like GTP-bindin	47.10	0.00
TRINITY_sp|Q9C0(DNAH6	Dynein heavy chain	47.10	0.00
TRINITY_sp|P3031cdc25-3	M-phase inducer pho	47.10	0.00
TRINITY_sp|Q55E(pats1	Probable serine/thr	47.10	0.00
TRINITY_sp|F4JL1IMPA2	Importin subunit al	47.10	0.00
TRINITY_sp|O147(CDIPT	CDP-diacylglycerol-	47.10	0.00
TRINITY_sp|Q9FY(FRS2Z32	Serine/arginine-ric	47.10	0.00
TRINITY_sp|Q9SUI(COX6B-3	Cytochrome c oxidas	47.10	0.00
TRINITY_sp|B4SQ(fnpn	Polyribonucleotide	47.10	0.00
TRINITY_sp|P0CD(pan3	PAB-dependent poly(	47.10	0.00
TRINITY_sp|O042(IMP3	Importin subunit al	47.10	0.00
TRINITY_sp|Q9BZ(TBL1XR1	F-box-like/WD repea	47.10	0.00
TRINITY_sp|Q54J(wdr24	WD repeat-containin	47.10	0.00

TRINITY_sp|Q54KH DDB_G02	Uncharacterized pro	47.10	0.00
TRINITY_sp|Q7ZY Cacsbg2	Long-chain-fatty-ac	47.10	0.00
TRINITY_sp|Q7XHI Os07g04	Tyrosine decarboxyl	47.10	0.00
TRINITY_sp|Q5EAI PGGT1B	Geranylgeranyl tran	47.10	0.00
TRINITY_sp|Q503I cpsf31	Integrator complex	47.10	0.00
TRINITY_sp|Q7RAI CPK1	Calcium-dependent p	47.10	0.00
TRINITY_sp|Q5ZKI CEPT1	Choline/ethanolamin	47.10	0.00
TRINITY_sp|Q9MAI PDIL2-2	Protein disulfide-i	47.10	0.00
TRINITY_sp|Q3SZI MAPRE2	Microtubule-associa	47.10	0.00
TRINITY_sp|Q9FQ C XRN3	5'-3' exoribonuclea	47.10	0.00
TRINITY_sp|Q5CCI VAL2	B3 domain-containin	47.10	0.00
TRINITY_sp|Q8AB BT_0258	Putative glucosamin	47.10	0.00
TRINITY_sp|Q9XG TIM9	Mitochondrial impor	47.10	0.00
TRINITY_sp|Q9FPI PSBS	Photosystem II 22 k	47.10	0.00
TRINITY_sp|Q9Z1 C Vars	Valine--tRNA ligase	47.10	0.00
TRINITY_sp|A6NNM TTLL13P	Tubulin polyglutamy	47.10	0.00
TRINITY_sp|P154 I DI1	Isopentenyl-diphosp	47.10	0.00
TRINITY_sp|Q6PD C TR9	RNA polymerase-asso	47.10	0.00
TRINITY_sp|Q9LZ I ERDJ3B	DnaJ protein ERDJ3B	47.10	0.00
TRINITY_sp|A1SP V acyP	Acylphosphatase OS=	47.10	0.00
TRINITY_sp|Q7SH C cys-12	Cysteine synthase 2	47.10	0.00
TRINITY_sp|A4FV I rbm48	RNA-binding protein	47.10	0.00
TRINITY_sp|F4K2 I FPGS1	Folylpolyglutamate	47.10	0.00
TRINITY_sp|Q8K4 C Neil1	Endonuclease 8-like	47.10	0.00
TRINITY_sp|P380 I lamA	Putative urea carbo	47.10	0.00
TRINITY_sp|P099 C LTA4H	Leukotriene A-4 hyd	47.10	0.00
TRINITY_sp|Q5T9 I ATAD3B	ATPase family AAA d	47.10	0.00
TRINITY_sp|Q9EQ T tpp1	Tripeptidyl-peptida	47.10	0.00
TRINITY_sp|Q8MZ I -	Physarolisin OS=Phy	47.10	0.00
TRINITY_sp|Q7F0 C CML13	Probable calcium-bi	47.10	0.00
TRINITY_sp|O827 C HISN2	Histidine biosynthe	47.10	0.00
TRINITY_sp|A8JF C CFAP65	Cilia- and flagella	47.10	0.00
TRINITY_sp|P0AG I purF	Amidophosphoribosyl	47.10	0.00
TRINITY_sp|Q8BG I Pan2	PAB-dependent poly(	47.10	0.00
TRINITY_sp|Q8K0 I Ift80	Intraflagellar tran	47.10	0.00
TRINITY_sp|Q396 I ODA11	Dynein alpha chain,	47.10	0
TRINITY_sp|Q54R I mkkA	Mitogen-activated p	47.10	0.00
TRINITY_sp|Q9FX C BLH10	BEL1-like homeodoma	47.10	0.00
TRINITY_sp|Q1PFI BLH11	BEL1-like homeodoma	47.10	0.00
TRINITY_sp|Q7XQ I SAPK7	Serine/threonine-pr	47.10	0.00
TRINITY_sp|P526 I ldhA	D-lactate dehydroge	47.10	0.00
TRINITY_sp|Q9SH I At1g172	Translation initiat	47.10	0.00
TRINITY_sp|Q6ZQ C Cand1	Cullin-associated N	47.10	0.00
TRINITY_sp|F4K0 I VIII-2	Myosin-2 OS=Arabido	47.10	0.00
TRINITY_sp|Q54P I osbI	Oxysterol-binding p	47.10	0.00
TRINITY_sp|Q92E I rlmN	Probable dual-speci	47.10	0.00
TRINITY_sp|Q54JI cnrN	Phosphatidylinosito	47.10	0.00
TRINITY_sp|P517 C CLCN7	H(+)/Cl(-) exchange	47.10	0.00
TRINITY_sp|Q0P4 I dpcd	Protein DPCD OS=Dan	47.10	0.00
TRINITY_sp|Q95P I dhkC	Hybrid signal trans	47.10	0.00
TRINITY_sp|Q7TM I Abcg2	ATP-binding cassett	47.10	0.00
TRINITY_sp|P339 C bsr	Blasticidin-S deami	47.00	0.00
TRINITY_sp|Q54Q I sir2A	NAD-dependent deace	47.00	0.00
TRINITY_sp|Q9D8 C Actr6	Actin-related prote	47.00	0.00
TRINITY_sp|Q5RG I mysm1	Histone H2A deubiqu	47.00	0.00
TRINITY_sp|P453 I Akrlb8	Aldose reductase-re	47.00	0.00

TRINITY_sp|P1477BPT1	Bile pigment transp	47.00	0.00
TRINITY_sp|P4919rps-12	40S ribosomal prote	47.00	0.00
TRINITY_sp|O7043Psm3	Proteasome subunit	47.00	0.00
TRINITY_sp|Q9C6IMTK	Methylthioribose ki	47.00	0.00
TRINITY_sp|B0JZvagbl5	Cytosolic carboxype	47.00	0.00
TRINITY_sp|Q9M02At5g0146	LIMR family protein	47.00	0.00
TRINITY_sp|Q91V7Smcp1	Stromal membrane-as	47.00	0.00
TRINITY_sp|Q9V41Cyt-b5	Cytochrome b5 OS=Dr	47.00	0.00
TRINITY_sp|Q54E5ykt6	Putative synaptobre	47.00	0.00
TRINITY_sp|C5BS3mtaD	5-methylthioadenosi	47.00	0.00
TRINITY_sp|F4JW5QCR7-2	Cytochrome b-c1 com	47.00	0.00
TRINITY_sp|Q1NZ2F13E9.13	Uncharacterized pro	47.00	0.00
TRINITY_sp|Q9M4FAIP3	Probable prefoldin	47.00	0.00
TRINITY_sp|Q7XA7D27	Beta-carotene isome	47.00	0.00
TRINITY_sp|K7IM6-	Eukaryotic translat	47.00	0.00
TRINITY_sp|Q05D3CTDSPL2	CTD small phosphata	47.00	0.00
TRINITY_sp|Q1573NSDHL	Sterol-4-alpha-carb	47.00	0.00
TRINITY_sp|Q9532MANBA	Beta-mannosidase OS	47.00	0.00
TRINITY_sp|Q55DEsdad1	Protein SDA1 homolo	47.00	0.00
TRINITY_sp|Q9282GGH	Gamma-glutamyl hydr	47.00	0.00
TRINITY_sp|Q9SS4SDP6	Glycerol-3-phosphat	47.00	0.00
TRINITY_sp|O8035FPG1	Formamidopyrimidine	47.00	0.00
TRINITY_sp|Q54T7mrkC	Probable serine/thr	47.00	0.00
TRINITY_sp|Q9SX5TOM40-2	Probable mitochondr	47.00	0.00
TRINITY_sp|Q9BS(NOL10	Nucleolar protein 1	47.00	0.00
TRINITY_sp|O7485caf1	Poly(A) ribonucleas	47.00	0.00
TRINITY_sp|P3727PSY1	Phytoene synthase,	47.00	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	47.00	0
TRINITY_sp|Q9H07NAT10	RNA cytidine acetyl	47.00	0.00
TRINITY_sp|Q3V06Dnah12	Dynein heavy chain	47.00	0.00
TRINITY_sp|P0C58mic-33	Putative mitochondr	47.00	0.00
TRINITY_sp|P3646rab2A	Ras-related protein	47.00	0.00
TRINITY_sp|Q1EA1CCR4	Glucose-repressible	47.00	0.00
TRINITY_sp|P0432pol	Retrovirus-related	47.00	0.00
TRINITY_sp|Q9S71MYB98	Transcription facto	46.90	0.00
TRINITY_sp|Q9ESFAbca2	ATP-binding cassett	46.90	0.00
TRINITY_sp|Q86K1fhit	Bis(5'-adenosyl)-tr	46.90	0.00
TRINITY_sp|Q8R23Nabp2	SOSS complex subuni	46.90	0.00
TRINITY_sp|A1L11hptpdcl	Protein tyrosine ph	46.90	0.00
TRINITY_sp|Q9V971(2)0452	Probable methylcrot	46.90	0.00
TRINITY_sp|B9N11POPTR_00	Probable bifunction	46.90	0.00
TRINITY_sp|P2156ALP1	Alpha-amylase OS=Sa	46.90	0.00
TRINITY_sp|O1586CPK2	Calcium-dependent p	46.90	0.00
TRINITY_sp|Q86H6gmppA	Mannose-1-phosphate	46.90	0.00
TRINITY_sp|Q6521PHT4;4	Probable anion tran	46.90	0.00
TRINITY_sp|O4306pre3	Probable proteasome	46.90	0.00
TRINITY_sp|O1996pbsA	Heme oxygenase OS=R	46.90	0.00
TRINITY_sp|A8IL1CFAP52	Cilia- and flagella	46.90	0.00
TRINITY_sp|Q55B1yod1	Ubiquitin thioester	46.90	0.00
TRINITY_sp|Q9LD1BETAA-AI	Beta-adaptin-like p	46.90	0.00
TRINITY_sp|Q55C1ppp2r4A	Probable serine/thr	46.90	0.00
TRINITY_sp|Q9M26RRP45B	Exosome complex com	46.90	0.00
TRINITY_sp|O5976gyp1	GTPase-activating p	46.90	0.00
TRINITY_sp|Q7SX1dnm11	Dynammin-1-like prot	46.90	0.00
TRINITY_sp|Q9UH1SLC23A1	Solute carrier fami	46.90	0.00
TRINITY_sp|Q52T6PAT24	Protein S-acyltrans	46.90	0.00

TRINITY_sp|Q9M9FSOL1	Carboxypeptidase SO	46.90	0.00
TRINITY_sp|Q8BW7Kdm4a	Lysine-specific dem	46.90	0.00
TRINITY_sp|Q8XC0cysQ	3'(2'),5'-bisphosph	46.90	0.00
TRINITY_sp|Q2RK2obg	GTPase Obg OS=Moore	46.90	0.00
TRINITY_sp|Q8RY1At5g4356	MATH domain-contain	46.90	0.00
TRINITY_sp|Q9SZ\MithPPK	Folate synthesis bi	46.90	0.00
TRINITY_sp|Q5EA9MFAP1	Microfibrillar-asso	46.90	0.00
TRINITY_sp|Q7TN0Ldhd	Probable D-lactate	46.90	0.00
TRINITY_sp|Q54H9mybI	Myb-like protein I	46.90	0.00
TRINITY_sp|Q9SRIENGASE2	Cytosolic endo-beta	46.90	0.00
TRINITY_sp|A8IU0CFAP99	Cilia- and flagella	46.90	0.00
TRINITY_sp|Q5D01rbm8a	RNA-binding protein	46.90	0.00
TRINITY_sp|P1024MYBL1	Myb-related protein	46.90	0.00
TRINITY_sp|P0940mlcE	Myosin, essential 1	46.90	0.00
TRINITY_sp|Q10Q0EUROS	Uroporphyrinogen-II	46.90	0.00
TRINITY_sp|Q9Y6MSLC30A1	Zinc transporter 1	46.90	0.00
TRINITY_sp|Q9ST0ABCA4	ABC transporter A f	46.90	0.00
TRINITY_sp|Q8LC0At3g4575	Probable trans-2-en	46.90	0.00
TRINITY_sp|Q9SX0ALA9	Putative phospholip	46.90	0.00
TRINITY_sp|Q54Y0trappc5	Trafficking protein	46.90	0.00
TRINITY_sp|Q9SP0TERT	Telomerase reverse	46.90	0.00
TRINITY_sp|P1090-	Retrovirus-related	46.90	0.00
TRINITY_sp|Q1010SPAC26A0	Hydrolase C26A3.11	46.90	0.00
TRINITY_sp|Q9SB0PDK	[Pyruvate dehydroge	46.90	0.00
TRINITY_sp|P5340CTN	Caltractin OS=Naegl	46.80	0.00
TRINITY_sp|Q2780DYH1B	Cytoplasmic dynein	46.80	0.00
TRINITY_sp|O3490yodQ	Uncharacterized met	46.80	0.00
TRINITY_sp|C6Y40SPCC16C0	Putative transcript	46.80	0.00
TRINITY_sp|D9HP0CNR4	Cell number regulat	46.80	0.00
TRINITY_sp|Q54D0DDB_G020	WD repeat-containin	46.80	0.00
TRINITY_sp|Q9CQ0-	Uncharacterized pro	46.80	0.00
TRINITY_sp|Q6FL0RPE1	Ribulose-phosphate	46.80	0.00
TRINITY_sp|Q0II0NAA50	N-alpha-acetyltrans	46.80	0.00
TRINITY_sp|Q2TA0PRCP	Lysosomal Pro-X car	46.80	0.00
TRINITY_sp|P1600-	Subtilisin inhibito	46.80	0.00
TRINITY_sp|Q23K0TLL3D	Tubulin glycyclase 3	46.80	0.00
TRINITY_sp|P0980-	Hemoglobinase OS=Sc	46.80	0.00
TRINITY_sp|Q86A0DDB_G020	Probable myosin lig	46.80	0.00
TRINITY_sp|O2830rp119e	50S ribosomal prote	46.80	0.00
TRINITY_sp|Q7XU0Os04g050	Lysine-specific his	46.80	0.00
TRINITY_sp|Q7Y00Os03g040	Probable nucleoredo	46.80	0.00
TRINITY_sp|Q4240PAI1	N-(5'-phosphoribosy	46.80	0.00
TRINITY_sp|Q9M80NSN1	Guanine nucleotide-	46.80	0.00
TRINITY_sp|Q54R0kmo	Kynurenine 3-monoox	46.80	0.00
TRINITY_sp|Q8IZ0ABCA7	ATP-binding cassett	46.80	0.00
TRINITY_sp|Q8KP0mnme	tRNA modification G	46.80	0.00
TRINITY_sp|Q4240RNU1	U1 small nuclear ri	46.80	0.00
TRINITY_sp|F4JL0EBS	Chromatin remodelin	46.80	0.00
TRINITY_sp|Q7S00nhp-1	Non-histone chromos	46.80	0.00
TRINITY_sp|Q55G0naprt	Nicotinate phosphor	46.80	0.00
TRINITY_sp|P3410racA	Rho-related protein	46.80	0.00
TRINITY_sp|P2810pkgB	Protein kinase 2 OS	46.80	0.00
TRINITY_sp|Q9NU0MDN1	Midasin OS=Homo sap	46.80	0.00
TRINITY_sp|Q9420IPDIL2-2	Protein disulfide i	46.80	0.00
TRINITY_sp|Q8WW0DNAJB3	DnaJ homolog subfam	46.80	0.00
TRINITY_sp|B0G10mcfC	Mitochondrial subst	46.80	0.00

TRINITY_sp|Q06A|CDC27A	Cell division cycle	46.80	0.00
TRINITY_sp|Q5B1|atm1	Iron-sulfur cluster	46.80	0.00
TRINITY_sp|O2314|AP2M	AP-2 complex subuni	46.80	0.00
TRINITY_sp|Q8C17|Thop1	Thimet oligopeptida	46.80	0.00
TRINITY_sp|F4K2|FCUV	Pre-mRNA-splicing f	46.80	0.00
TRINITY_sp|Q9FH|DCI1	Delta (3,5)-Delta (2,	46.80	0.00
TRINITY_sp|Q812|Nadsyn1	Glutamine-dependent	46.80	0.00
TRINITY_sp|E4NK|PUB1	U-box domain-contai	46.80	0.00
TRINITY_sp|Q8L77|At1g3173	AP-4 complex subuni	46.80	0.00
TRINITY_sp|F4HP2|LIG6	DNA ligase 6 OS=Ara	46.80	0.00
TRINITY_sp|A4IF|METTL14	N6-adenosine-methyl	46.80	0.00
TRINITY_sp|Q2RF|rplA	50S ribosomal prote	46.80	0.00
TRINITY_sp|Q9FN|ATXR6	Histone-lysine N-me	46.80	0.00
TRINITY_sp|P2271|Gucylb2	Guanylate cyclase s	46.80	0.00
TRINITY_sp|P2213|ACTB	Actin-2 OS=Phytopht	46.80	0.00
TRINITY_sp|Q6174|Eif2b4	Translation initiat	46.80	0.00
TRINITY_sp|O2446|-	LEC14B homolog OS=P	46.80	0.00
TRINITY_sp|O7456|SPCC594	Uncharacterized pro	46.80	0.00
TRINITY_sp|P1464|Pde4b	cAMP-specific 3',5'	46.80	0.00
TRINITY_sp|Q9SA2|SYP51	Syntaxin-51 OS=Arab	46.80	0.00
TRINITY_sp|Q9D88|Hm13	Minor histocompatib	46.80	0.00
TRINITY_sp|Q9UB|CTSZ	Cathepsin Z OS=Homo	46.80	0.00
TRINITY_sp|Q9FV|AMT1-3	Ammonium transporte	46.80	0.00
TRINITY_sp|Q9499|ADS3	Palmitoyl-monogalac	46.80	0.00
TRINITY_sp|Q9SU5|GLDH	L-galactono-1,4-lac	46.80	0.00
TRINITY_sp|Q9W44|CG3527	Ribosomal RNA small	46.80	0.00
TRINITY_sp|Q8R40|P4HB	Protein disulfide-i	46.80	0.00
TRINITY_sp|Q9M16|ABCB21	ABC transporter B f	46.70	0.00
TRINITY_sp|Q6AB8|ileS	Isoleucine--tRNA li	46.70	0.00
TRINITY_sp|Q4JH|XBOS36	Probable E3 ubiquit	46.70	0.00
TRINITY_sp|P1982|ITIH2	Inter-alpha-trypsin	46.70	0.00
TRINITY_sp|Q5TM5|RPP21	Ribonuclease P prot	46.70	0.00
TRINITY_sp|Q9FL3|MCM3	DNA replication lic	46.70	0.00
TRINITY_sp|Q8K44|Trib1	Tribbles homolog 1	46.70	0.00
TRINITY_sp|Q3955|ODA2	Dynein gamma chain,	46.70	0.00
TRINITY_sp|Q1047|alg8	Dolichyl pyrophosph	46.70	0.00
TRINITY_sp|Q08D1|MRPL47	39S ribosomal prote	46.70	0.00
TRINITY_sp|A5DL|EDBP8	ATP-dependent RNA h	46.70	0.00
TRINITY_sp|Q86H8|coq9	Probable ubiquinone	46.70	0.00
TRINITY_sp|Q8MZ9|-	Physarolisin OS=Phy	46.70	0.00
TRINITY_sp|O0048|PSMD14	26S proteasome non-	46.70	0.00
TRINITY_sp|P5115|RAB13	Ras-related protein	46.70	0.00
TRINITY_sp|O2883|rtcA	RNA 3'-terminal pho	46.70	0.00
TRINITY_sp|A2BK|pcm	Protein-L-isoaspart	46.70	0.00
TRINITY_sp|Q6I53|CDKC-1	Cyclin-dependent ki	46.70	0.00
TRINITY_sp|Q9LJ|M3KE1	MAP3K epsilon prote	46.70	0.00
TRINITY_sp|P1268|YPK1	Serine/threonine-pr	46.70	0.00
TRINITY_sp|Q8C62|Fam221b	Protein FAM221B OS=	46.70	0.00
TRINITY_sp|Q6GP|rnf181	E3 ubiquitin-protei	46.70	0.00
TRINITY_sp|Q9PI1|lysA	Diaminopimelate dec	46.70	0.00
TRINITY_sp|Q9I16|treA	Periplasmic trehala	46.70	0.00
TRINITY_sp|Q9M08|ISA3	Isoamylase 3, chlor	46.70	0.00
TRINITY_sp|Q9UT|mrp119	54S ribosomal prote	46.70	0.00
TRINITY_sp|Q8L77|NAD-ME2	NAD-dependent malic	46.70	0.00
TRINITY_sp|Q9M01|PUX10	Plant UBX domain-co	46.70	0.00
TRINITY_sp|Q3T07|SERP2	Stress-associated e	46.70	0.00

TRINITY_sp|P2817pkgB	Protein kinase 2 OS	46.70	0.00
TRINITY_sp|Q8GUFDGS1	Protein DGS1, mitoc	46.70	0.00
TRINITY_sp|Q9H0FTMEM222	Transmembrane prote	46.70	0.00
TRINITY_sp|Q9C11SPBC713	Periodic tryptophan	46.70	0.00
TRINITY_sp|Q84WNA5g1211	Elongation factor 1	46.70	0.00
TRINITY_sp|Q9SD5VHA-C	V-type proton ATPas	46.70	0.00
TRINITY_sp|O4852POLD2	DNA polymerase delt	46.70	0.00
TRINITY_sp|Q0JL4Os01g062	Neutral ceramidase	46.70	0.00
TRINITY_sp|Q8MZ5-	Phyisarolisin OS=Phy	46.70	0.00
TRINITY_sp|P2309-	Dynein beta chain,	46.70	0.00
TRINITY_sp|Q9JMFAP3b2	AP-3 complex subuni	46.70	0.00
TRINITY_sp|Q9994RNF5	E3 ubiquitin-protei	46.70	0.00
TRINITY_sp|Q6DC3desi2	Desumoylating isope	46.70	0.00
TRINITY_sp|Q69TYPRXIIIE-1	Peroxiredoxin-2E-1,	46.70	0.00
TRINITY_sp|C3Y43BRAFLDR7DDR	DDR domain-contai	46.70	0.00
TRINITY_sp|Q94K7At3g4842	Haloacid dehalogena	46.70	0.00
TRINITY_sp|P3083Aldh3a2	Fatty aldehyde dehy	46.70	0.00
TRINITY_sp|Q1H31cysG	Siroheme synthase O	46.70	0.00
TRINITY_sp|Q5TY5lace1b	Lactation elevated	46.70	0.00
TRINITY_sp|Q9LRMRPL3B	50S ribosomal prote	46.70	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	46.70	0.00
TRINITY_sp|B7GY1rlmE	Ribosomal RNA large	46.70	0.00
TRINITY_sp|O7502ABCB7	ATP-binding cassett	46.70	0.00
TRINITY_sp|Q9LEISSRP1	FACT complex subuni	46.70	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	46.70	0.00
TRINITY_sp|Q9S77PKL	CHD3-type chromatin	46.70	0.00
TRINITY_sp|Q641VTt119	Probable tubulin po	46.70	0.00
TRINITY_sp|Q9UT1vps29	Vacuolar protein so	46.70	0.00
TRINITY_sp|O7019Prep	Prolyl endopeptidas	46.70	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	46.70	0.00
TRINITY_sp|Q9493ADS3	Palmitoyl-monogalac	46.70	0.00
TRINITY_sp|Q9C00DNAH6	Dynein heavy chain	46.70	0.00
TRINITY_sp|P4909AS2	Asparagine syntheta	46.70	0.00
TRINITY_sp|B0BL1znf593	Zinc finger protein	46.60	0.00
TRINITY_sp|Q4WA2psoF	Dual-functional mon	46.60	0.00
TRINITY_sp|P4802gacS	Sensor protein GacS	46.60	0.00
TRINITY_sp|Q9YGIslbp2	Oocyte-specific his	46.60	0.00
TRINITY_sp|P2493rbr	Rubrerhythrin OS=Des	46.60	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	46.60	0.00
TRINITY_sp|Q9XFMSBP1	Membrane steroid-bi	46.60	0.00
TRINITY_sp|Q9UQC(MOK	MAPK/MAK/MRK overla	46.60	0.00
TRINITY_sp|Q6209Ddx3y	ATP-dependent RNA h	46.60	0.00
TRINITY_sp|Q8R31Cluap1	Clusterin-associate	46.60	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	46.60	0.00
TRINITY_sp|Q55CNDDB_G026	DDR domain-contai	46.60	0.00
TRINITY_sp|Q8TGMTAR1	Protein TAR1 OS=Sac	46.60	0.00
TRINITY_sp|Q55D7DDB_G026	Probable 18S rRNA (	46.60	0.00
TRINITY_sp|Q5U3\slc25a43	Solute carrier fami	46.60	0.00
TRINITY_sp|Q9CYC(Dcp2	m7GpppN-mRNA hydrol	46.60	0.00
TRINITY_sp|Q55D9cda	Probable phosphatid	46.60	0.00
TRINITY_sp|Q8CH(Synj1	Synaptojanin-1 OS=M	46.60	0.00
TRINITY_sp|Q10R9Os03g016	Receptor homology r	46.60	0.00
TRINITY_sp|Q9C9C(RRA2	Arabinosyltransfera	46.60	0.00
TRINITY_sp|Q54Ultrappc4	Trafficking protein	46.60	0.00
TRINITY_sp|A1A51cnot1	CCR4-NOT transcript	46.60	0.00
TRINITY_sp|Q8L7UBSL1	Serine/threonine-pr	46.60	0.00

TRINITY_sp|Q9I34prmb	50S ribosomal prote	46.60	0.00
TRINITY_sp|Q9LU6EBP2	Probable rRNA-proce	46.60	0.00
TRINITY_sp|P0432pol	Retrovirus-related	46.60	0.00
TRINITY_sp|O0866Pi4ka	Phosphatidylinosito	46.60	0.00
TRINITY_sp|Q54Rfpyk	Pyruvate kinase OS=	46.60	0.00
TRINITY_sp|E5R46Lema_P04	Methionine aminopep	46.60	0.00
TRINITY_sp|O8092AGD7	ADP-ribosylation fa	46.60	0.00
TRINITY_sp|Q65JfcheB	Chemotaxis response	46.60	0.00
TRINITY_sp|Q54E6ddx55	Probable ATP-depend	46.60	0.00
TRINITY_sp|Q8I7fpol	Retrovirus-related	46.60	0.00
TRINITY_sp|Q8RW1OVA7	Serine--tRNA ligase	46.60	0.00
TRINITY_sp|Q5RJCNol110	Nucleolar protein 1	46.60	0.00
TRINITY_sp|Q9WV(Kif9	Kinesin-like protei	46.60	0.00
TRINITY_sp|O4864ARF1	ADP-ribosylation fa	46.60	0.00
TRINITY_sp|Q4134ETR1	Ethylene receptor 1	46.60	0.00
TRINITY_sp|Q9S7fICS1	Isochorismate synth	46.60	0.00
TRINITY_sp|O2216RHC1A	Probable E3 ubiquit	46.60	0.00
TRINITY_sp|Q72JNlon2	Lon protease 2 OS=T	46.60	0.00
TRINITY_sp|Q9FJ1AAK6	Adenylate kinase is	46.60	0.00
TRINITY_sp|Q8LB7PIS1	CDP-diacylglycerol-	46.60	0.00
TRINITY_sp|Q2QM4BSL2	Serine/threonine-pr	46.60	0.00
TRINITY_sp|Q0P43tmem14c	Transmembrane prote	46.60	0.00
TRINITY_sp|A2YB3OsI_2231	tRNA (guanine-N(7)-	46.50	0.00
TRINITY_sp|F4JL6SFH1	Phosphatidylinosito	46.50	0.00
TRINITY_sp|Q7ZW4polr2g	DNA-directed RNA po	46.50	0.00
TRINITY_sp|Q3232ybiA	N-glycosidase YbiA	46.50	0.00
TRINITY_sp|Q5566DDB_G027	Probable rhodanese	46.50	0.00
TRINITY_sp|Q54N4pex12	Putative peroxisome	46.50	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	46.50	0.00
TRINITY_sp|P5682TIF3B1	Eukaryotic translat	46.50	0.00
TRINITY_sp|Q9SF4PAH1	Phosphatidate phosp	46.50	0.00
TRINITY_sp|Q3ZB2STIP1	Stress-induced-phos	46.50	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	46.50	0.00
TRINITY_sp|Q54Iftmem120	Transmembrane prote	46.50	0.00
TRINITY_sp|Q9FX1Os10g046	Alpha-galactosidase	46.50	0.00
TRINITY_sp|O3555Pfkfb3	6-phosphofructo-2-k	46.50	0.00
TRINITY_sp|Q54KfDDB_G028	Uncharacterized pro	46.50	0.00
TRINITY_sp|O6475EDA3	Protein EMBRYO SAC	46.50	0.00
TRINITY_sp|Q2459Xpc	DNA repair protein	46.50	0.00
TRINITY_sp|Q54S7wdr3	WD repeat-containin	46.50	0.00
TRINITY_sp|Q54T(DDB_G028	Probable zinc trans	46.50	0.00
TRINITY_sp|Q6P3fNEK5	Serine/threonine-pr	46.50	0.00
TRINITY_sp|P3158RABF2A	Ras-related protein	46.50	0.00
TRINITY_sp|Q55Afsnrnp40	U5 small nuclear ri	46.50	0.00
TRINITY_sp|Q8VC4Mic1	Uncharacterized pro	46.50	0.00
TRINITY_sp|Q8CC6Vwa8	von Willebrand fact	46.50	0.00
TRINITY_sp|Q45F7-	Serine/threonine-pr	46.50	0.00
TRINITY_sp|B6IJ5mtp-18	Mitochondrial fissi	46.50	0.00
TRINITY_sp|Q9H55ALG2	Alpha-1,3/1,6-manno	46.50	0.00
TRINITY_sp|P4278ctpA	Carboxyl-terminal-p	46.50	0.00
TRINITY_sp|A6RD2MRPL4	54S ribosomal prote	46.50	0.00
TRINITY_sp|P2218cta3	Calcium-transportin	46.50	0.00
TRINITY_sp|Q8BG6Zadh2	Prostaglandin reduc	46.50	0.00
TRINITY_sp|Q8036crnf8	E3 ubiquitin-protei	46.50	0.00
TRINITY_sp|A1A41FAM188B	Probable ubiquitin	46.50	0.00
TRINITY_sp|P3406dhcA	Dynein heavy chain,	46.50	0.00

TRINITY_sp|C0SPF|ytcI	Uncharacterized acy	46.50	0.00
TRINITY_sp|Q9T07|LACS4	Long chain acyl-CoA	46.50	0.00
TRINITY_sp|Q54F|cpnE	Copine-E OS=Dictyos	46.50	0.00
TRINITY_sp|Q8I5|proRS	Proline--tRNA ligas	46.50	0.00
TRINITY_sp|P109|-	Retrovirus-related	46.50	0.00
TRINITY_sp|Q75H|SAPK10	Serine/threonine-pr	46.50	0.00
TRINITY_sp|Q6QN|-	Casein kinase I OS=	46.50	0.00
TRINITY_sp|Q8RXI|BRCA1	Protein BREAST CANC	46.40	0.00
TRINITY_sp|Q9H0|TMEM222	Transmembrane prote	46.40	0.00
TRINITY_sp|A0BD|Rp17-2	60S ribosomal prote	46.40	0.00
TRINITY_sp|Q6UD|ManS	Mannan synthase 1 O	46.40	0.00
TRINITY_sp|Q54L|(DDB_G02|	Probable LIM domain	46.40	0.00
TRINITY_sp|P458|mmgB	Probable 3-hydroxyb	46.40	0.00
TRINITY_sp|Q8K4|Insun5	Probable 28S rRNA (	46.40	0.00
TRINITY_sp|Q96N|RDH12	Retinol dehydrogena	46.40	0.00
TRINITY_sp|P0CP|CPK1	Mitogen-activated p	46.40	0.00
TRINITY_sp|Q54P|(DDB_G02|	Probable myosin lig	46.40	0.00
TRINITY_sp|Q6Z3|Os07g02|	Zinc finger CCCH do	46.40	0.00
TRINITY_sp|Q9LH|ELC	Protein ELC OS=Arab	46.40	0.00
TRINITY_sp|Q9M8|UGT80A2	Sterol 3-beta-gluco	46.40	0.00
TRINITY_sp|Q8RW|MEE4	NADH dehydrogenase	46.40	0.00
TRINITY_sp|Q5E9|BCS1L	Mitochondrial chape	46.40	0.00
TRINITY_sp|Q54M|gpt	Probable alanine am	46.40	0.00
TRINITY_sp|A8WG|ift122	Intraflagellar tran	46.40	0.00
TRINITY_sp|Q2RK|(rsgA	Putative ribosome b	46.40	0.00
TRINITY_sp|Q8W0|CCR4-1	Carbon catabolite r	46.40	0.00
TRINITY_sp|O222|ACA4	Calcium-transportin	46.40	0.00
TRINITY_sp|Q9P5|(tca-9	Succinate--CoA liga	46.40	0.00
TRINITY_sp|O761|Rab1C	Ras-related protein	46.40	0.00
TRINITY_sp|A2AP|Ndufaf5	Arginine-hydroxylas	46.40	0.00
TRINITY_sp|Q5RB|DNPEP	Aspartyl aminopepti	46.40	0.00
TRINITY_sp|A2QC|cbr1	NADH-cytochrome b5	46.40	0.00
TRINITY_sp|Q8H9|(NPC6	Non-specific phosph	46.40	0.00
TRINITY_sp|Q9XY|fcpA	Probable C-terminal	46.40	0.00
TRINITY_sp|Q5XG|(gtppb1	GTP-binding protein	46.40	0.00
TRINITY_sp|Q54R|shkA	Dual specificity pr	46.40	0.00
TRINITY_sp|A5D8|(xiap	E3 ubiquitin-protei	46.40	0.00
TRINITY_sp|O749|rial	Ribosome assembly p	46.40	0.00
TRINITY_sp|P326|(FBP26	Fructose-2,6-bispho	46.40	0.00
TRINITY_sp|O803|(FPG1	Formamidopyrimidine	46.40	0.00
TRINITY_sp|Q3AC|ackA	Acetate kinase OS=C	46.40	0.00
TRINITY_sp|Q2HJ|(RTCA	RNA 3'-terminal pho	46.40	0.00
TRINITY_sp|Q8WU|(SDR42E1	Short-chain dehydro	46.40	0.00
TRINITY_sp|Q9LU|(At3g2362|	Ribosome production	46.40	0.00
TRINITY_sp|P395|(DRS2	Probable phospholip	46.40	0.00
TRINITY_sp|O045|(FAD4L1	Fatty acid desatura	46.40	0.00
TRINITY_sp|Q54W|ctns	Cystinosin homolog	46.40	0.00
TRINITY_sp|Q9SK|(At2g3204|	Folate-biopterin tr	46.40	0.00
TRINITY_sp|P053|(PRKACB	cAMP-dependent prot	46.40	0.00
TRINITY_sp|Q555|(rnf160	E3 ubiquitin-protei	46.40	0.00
TRINITY_sp|Q9LK|(EXI-2	Myosin-6 OS=Arabido	46.40	0.00
TRINITY_sp|P126|(YPK1	Serine/threonine-pr	46.40	0.00
TRINITY_sp|F1QB|(nipblb	Nipped-B-like prote	46.40	0.00
TRINITY_sp|Q54Y|(vps11	Vacuolar protein so	46.40	0.00
TRINITY_sp|Q0UJ|(NST1	Stress response pro	46.40	0.00
TRINITY_sp|Q54T|(mrkC	Probable serine/thr	46.40	0.00

TRINITY_sp|Q55EUact23	Putative actin-23 O	46.40	0.00
TRINITY_sp|Q95YIpefB	Penta-EF hand domai	46.40	0.00
TRINITY_sp|Q9LMTAtlg1803	Probable protein ph	46.40	0.00
TRINITY_sp|O1544ABCC5	Multidrug resistanc	46.40	0.00
TRINITY_sp|O2392-	4-hydroxyphenylpyru	46.40	0.00
TRINITY_sp|P4996SRP19	Signal recognition	46.40	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	46.40	0
TRINITY_sp|P8706DODA	DOPA 4,5-dioxygenas	46.30	0.00
TRINITY_sp|Q4IL8INO80	Putative DNA helica	46.30	0.00
TRINITY_sp|Q9173ephb1-b	Ephrin type-B recep	46.30	0.00
TRINITY_sp|Q4255SCE1	SUMO-conjugating en	46.30	0.00
TRINITY_sp|F1MF7MICAL2	Protein-methionine	46.30	0.00
TRINITY_sp|Q5XJ3kctd151	BTB/POZ domain-cont	46.30	0.00
TRINITY_sp|Q54YIcopb2	Coatomer subunit be	46.30	0.00
TRINITY_sp|O8880Lect2	Leukocyte cell-deri	46.30	0.00
TRINITY_sp|P0CH2UBC	Polyubiquitin-C OS=	46.30	0.00
TRINITY_sp|O4963CDS2	Phosphatidate cytid	46.30	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	46.30	0.00
TRINITY_sp|Q8VCFcant1	Soluble calcium-act	46.30	0.00
TRINITY_sp|P4262yqjG	Glutathionyl-hydroq	46.30	0.00
TRINITY_sp|Q7TSCNek5	Serine/threonine-pr	46.30	0.00
TRINITY_sp|F4JZ0TERC	Thylakoid membrane	46.30	0.00
TRINITY_sp|Q9UYHsua5	Threonylcarbamoyl-A	46.30	0.00
TRINITY_sp|Q25A7H0410G08	Double-strand break	46.30	0.00
TRINITY_sp|A1SWElacZ	Beta-galactosidase	46.30	0.00
TRINITY_sp|Q1166tsf	Elongation factor T	46.30	0.00
TRINITY_sp|Q5530DDB_G027	Adenosine deaminase	46.30	0.00
TRINITY_sp|Q54N4bcaA	Branched-chain-amin	46.30	0.00
TRINITY_sp|Q0759sav	Protein SAV OS=Sulf	46.30	0.00
TRINITY_sp|Q5PP7At5g4449	Alpha N-terminal pr	46.30	0.00
TRINITY_sp|Q3909ERF1-1	Eukaryotic peptide	46.30	0.00
TRINITY_sp|Q1209TSR3	Ribosome biogenesis	46.30	0.00
TRINITY_sp|Q0981SPAC16C9	Putative general ne	46.30	0.00
TRINITY_sp|O9527TNKS	Tankyrase-1 OS=Homo	46.30	0.00
TRINITY_sp|Q9LJ9ABC19	ABC transporter B f	46.30	0.00
TRINITY_sp|Q9SL7TCX6	Protein tesmin/TSO1	46.30	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	46.30	0.00
TRINITY_sp|Q9FL3MCM3	DNA replication lic	46.30	0.00
TRINITY_sp|Q9S7IMYB98	Transcription facto	46.30	0.00
TRINITY_sp|Q9HBFrdh14	Retinol dehydrogena	46.30	0.00
TRINITY_sp|F4J07P4H6	Probable prolyl 4-h	46.30	0.00
TRINITY_sp|Q2TB9VBP1	Prefoldin subunit 3	46.30	0.00
TRINITY_sp|Q8GXMTGH	G patch domain-cont	46.30	0.00
TRINITY_sp|P2013BET2	Geranylgeranyl tran	46.30	0.00
TRINITY_sp|Q9HFV-	Cytochrome b5 OS=Rh	46.30	0.00
TRINITY_sp|Q6Y7VIGIGYF2	PERQ amino acid-ric	46.30	0.00
TRINITY_sp|C5FP6sconB	Probable E3 ubiquit	46.30	0.00
TRINITY_sp|B0G10DDB_G027	Deoxynucleoside tri	46.30	0.00
TRINITY_sp|Q9FJHAt5g6076	P-loop NTPase domai	46.30	0.00
TRINITY_sp|Q8R15Znfx1	NFX1-type zinc fing	46.30	0.00
TRINITY_sp|P4597CBX5	Chromobox protein h	46.30	0.00
TRINITY_sp|Q9C63LHCA5	Photosystem I chlor	46.30	0.00
TRINITY_sp|O2204ANP3	Mitogen-activated p	46.30	0.00
TRINITY_sp|P6931-	Polyubiquitin (Frag	46.30	0.00
TRINITY_sp|Q6103Hars	Histidine--tRNA lig	46.30	0.00
TRINITY_sp|Q8L50APRR9	Two-component respo	46.30	0.00

TRINITY_sp|C1C3Fube2s	Ubiquitin-conjugati	46.30	0.00
TRINITY_sp|Q6NTV\hnp2	H/ACA ribonucleopro	46.30	0.00
TRINITY_sp|F4JIITCX2	Protein tesmin/TSO1	46.30	0.00
TRINITY_sp|Q9Y3ZCOQ4	Ubiquinone biosynth	46.30	0.00
TRINITY_sp|O7569RP2	Protein XRP2 OS=Hom	46.30	0.00
TRINITY_sp|F4JTI\CHR7	CHD3-type chromatin	46.30	0.00
TRINITY_sp|Q9Y6IARFGEF2	Brefeldin A-inhibit	46.20	0.00
TRINITY_sp|Q9C7ZAtlg5509	Glutamine-dependent	46.20	0.00
TRINITY_sp|Q275Ccah-3	Putative carbonic a	46.20	0.00
TRINITY_sp|Q9FE1SRT1	NAD-dependent prote	46.20	0.00
TRINITY_sp|Q2KIIEXOSC2	Exosome complex com	46.20	0.00
TRINITY_sp|Q54I4slc44a2	Choline transporter	46.20	0.00
TRINITY_sp|Q042ELGAS_134	Putative RNA (cytid	46.20	0.00
TRINITY_sp|Q9M8IAtlg7426	Probable phosphorib	46.20	0.00
TRINITY_sp|Q54KH\DDDB_G028	Uncharacterized pro	46.20	0.00
TRINITY_sp|P5287sl10615	GDT1-like protein s	46.20	0.00
TRINITY_sp|Q9N2IAHSG	Alpha-2-HS-glycopro	46.20	0.00
TRINITY_sp|Q01283PCR	Protochlorophyllide	46.20	0.00
TRINITY_sp|Q7F0C\ML13	Probable calcium-bi	46.20	0.00
TRINITY_sp|O9662arcC	Actin-related prote	46.20	0.00
TRINITY_sp|Q9UT(paa1	Protein phosphatase	46.20	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	46.20	0.00
TRINITY_sp|Q557C\nit1-1	Nitrilase homolog 1	46.20	0.00
TRINITY_sp|Q2HH4GAR1	H/ACA ribonucleopro	46.20	0.00
TRINITY_sp|Q1101pepN	Aminopeptidase N OS	46.20	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	46.20	0.00
TRINITY_sp|Q9M04WLIM2B	LIM domain-containi	46.20	0.00
TRINITY_sp|Q54P4isca2	Iron-sulfur cluster	46.20	0.00
TRINITY_sp|E1BP9MMS19	MMS19 nucleotide ex	46.20	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	46.20	0.00
TRINITY_sp|Q86H3polr1a	DNA-directed RNA po	46.20	0.00
TRINITY_sp|Q9VIF\Nbr	Exonuclease mut-7 h	46.20	0.00
TRINITY_sp|Q5TC8OGFRL1	Opioid growth facto	46.20	0.00
TRINITY_sp|Q6WWVUPL3	E3 ubiquitin-protei	46.20	0.00
TRINITY_sp|P3447hcp-3	Histone H3-like cen	46.20	0.00
TRINITY_sp|Q0WPFATG18D	Autophagy-related p	46.20	0.00
TRINITY_sp|Q1288COX10	Protoheme IX farnes	46.20	0.00
TRINITY_sp|P5816atp2b2	Plasma membrane cal	46.20	0.00
TRINITY_sp|Q4R79GNB2L1	Guanine nucleotide-	46.20	0.00
TRINITY_sp|O7049Clcn7	H(+)/Cl(-) exchange	46.20	0.00
TRINITY_sp|Q86AIDDB_G027	Probable myosin lig	46.20	0.00
TRINITY_sp|Q32L9SDR42E1	Short-chain dehydro	46.20	0.00
TRINITY_sp|Q94K6ELIP2	Early light-induced	46.20	0.00
TRINITY_sp|Q9NXISIDT1	SID1 transmembrane	46.20	0.00
TRINITY_sp|Q7S56NCU02305	Probable hexaprenyl	46.20	0.00
TRINITY_sp|O1387not3	General negative re	46.20	0.00
TRINITY_sp|Q6P2CPRPF8	Pre-mRNA-processing	46.20	0.00
TRINITY_sp|Q8LP3At5g1398	Probable alpha-mann	46.20	0.00
TRINITY_sp|P1163NHP6B	Non-histone chromos	46.20	0.00
TRINITY_sp|A7KAIatg7	Ubiquitin-like modi	46.20	0.00
TRINITY_sp|Q1QZ7mutS	DNA mismatch repair	46.20	0.00
TRINITY_sp|Q8LAI\PDx2	Probable pyridoxal	46.20	0.00
TRINITY_sp|Q8TC1RDH11	Retinol dehydrogena	46.20	0.00
TRINITY_sp|Q5U52AGBL2	Cytosolic carboxype	46.20	0.00
TRINITY_sp|G5E82Atp2b1	Plasma membrane cal	46.20	0.00
TRINITY_sp|A5PKIube2d4	Ubiquitin-conjugati	46.20	0.00

TRINITY_sp|Q6CE1TRM8	tRNA (guanine-N(7)-	46.20	0.00
TRINITY_sp|Q54H8apm1	AP-1 complex subuni	46.20	0.00
TRINITY_sp|Q7U0cfbiC	FO synthase OS=Myco	46.20	0.00
TRINITY_sp|Q0325RBG8	Glycine-rich RNA-bi	46.20	0.00
TRINITY_sp|Q0WMIABC27	ABC transporter B f	46.20	0.00
TRINITY_sp|B8ACfERH1	Phosphatidylinosito	46.20	0.00
TRINITY_sp|Q6DJ2med10	Mediator of RNA pol	46.20	0.00
TRINITY_sp|A0RU1proS	Proline--tRNA ligas	46.20	0.00
TRINITY_sp|Q9CR1Ppid	Peptidyl-prolyl cis	46.20	0.00
TRINITY_sp|Q28Qcder	GTPase Der OS=Janna	46.20	0.00
TRINITY_sp|Q0DW1Os02g079	DEAD-box ATP-depend	46.20	0.00
TRINITY_sp|Q9M64CPI1	Cycloeucaleanol cycl	46.20	0.00
TRINITY_sp|Q8JZVCpne5	Copine-5 OS=Mus mus	46.20	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	46.20	0.00
TRINITY_sp|O0403CCX5	Cation/calcium exch	46.20	0.00
TRINITY_sp|Q945(modA	Neutral alpha-gluco	46.20	0.00
TRINITY_sp|Q75HVCYCP3-1	Cyclin-P3-1 OS=Oryz	46.20	0.00
TRINITY_sp|Q3SX(PUS3	tRNA pseudouridine(	46.20	0.00
TRINITY_sp|Q58WWDCAF6	DDB1- and CUL4-asso	46.20	0.00
TRINITY_sp|Q1672ATP2B3	Plasma membrane cal	46.20	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	46.20	0.00
TRINITY_sp|O5496Rnf13	E3 ubiquitin-protei	46.20	0.00
TRINITY_sp|Q54PVdph1	Diphthamide biosynt	46.20	0.00
TRINITY_sp|Q1656CAMK4	Calcium/calmodulin-	46.20	0.00
TRINITY_sp|Q7K0EMob4	MOB kinase activato	46.10	0.00
TRINITY_sp|Q9VLWwox	WW domain-containin	46.10	0.00
TRINITY_sp|O9497TRIM37	E3 ubiquitin-protei	46.10	0.00
TRINITY_sp|Q54S7vps15	Probable serine/thr	46.10	0.00
TRINITY_sp|E1C65HACE1	E3 ubiquitin-protei	46.10	0.00
TRINITY_sp|Q4019RAB11A	Ras-related protein	46.10	0.00
TRINITY_sp|P6282RAB1A	Ras-related protein	46.10	0.00
TRINITY_sp|P491(RAB2A	Ras-related protein	46.10	0.00
TRINITY_sp|O2293CIPK11	CBL-interacting ser	46.10	0.00
TRINITY_sp|P3238YBT1	ATP-dependent bile	46.10	0.00
TRINITY_sp|P4252cycB	G2/mitotic-specific	46.10	0.00
TRINITY_sp|P341(myoD	Myosin ID heavy cha	46.10	0.00
TRINITY_sp|P7725nema	N-ethylmaleimide re	46.10	0.00
TRINITY_sp|P5585smo-1	Small ubiquitin-rel	46.10	0.00
TRINITY_sp|Q5552abcA4	ABC transporter A f	46.10	0.00
TRINITY_sp|P2664eef1g-a	Elongation factor 1	46.10	0.00
TRINITY_sp|Q9651Y57E12AM	Transmembrane prote	46.10	0.00
TRINITY_sp|O7049Clcn7	H(+)/Cl(-) exchange	46.10	0.00
TRINITY_sp|Q61Y(CBG03556	Leishmanolysin-like	46.10	0.00
TRINITY_sp|A6QLfERI3	ERI1 exoribonucleas	46.10	0.00
TRINITY_sp|Q86I\ctnA	Countin-1 OS=Dictyo	46.10	0.00
TRINITY_sp|Q8W25DXR	1-deoxy-D-xylulose	46.10	0.00
TRINITY_sp|Q9STICEP2	KDEL-tailed cystein	46.10	0.00
TRINITY_sp|O8051CYCU4-1	Cyclin-U4-1 OS=Arab	46.10	0.00
TRINITY_sp|P462(MYB	Transcriptional act	46.10	0.00
TRINITY_sp|Q54K\cdh1	Anaphase-promoting	46.10	0.00
TRINITY_sp|Q54G7agxt	Serine--pyruvate am	46.10	0.00
TRINITY_sp|O4885VAMP725	Vesicle-associated	46.10	0.00
TRINITY_sp|Q7Z7fCENPV	Centromere protein	46.10	0.00
TRINITY_sp|Q6NPMHISN7	Bifunctional phosph	46.10	0.00
TRINITY_sp|Q68J4LIPE	Hormone-sensitive 1	46.10	0.00
TRINITY_sp|Q9P6fppk15	Serine/threonine-pr	46.10	0.00

TRINITY_sp|Q93WJAt5g1937	Rhodanese-like/PpiC	46.10	0.00
TRINITY_sp|Q9VU9CG8745	Alanine--glyoxylate	46.10	0.00
TRINITY_sp|D9R4VhflX	GTPase HflX OS=Clos	46.10	0.00
TRINITY_sp|Q9SI5PI4KG7	Phosphatidylinosito	46.10	0.00
TRINITY_sp|A3EWIREV1	DNA repair protein	46.10	0.00
TRINITY_sp|Q9C0CDNAH6	Dynein heavy chain	46.10	0.00
TRINITY_sp|Q149IGspt2	Eukaryotic peptide	46.10	0.00
TRINITY_sp|C0LGNLRR-RLK	Probable leucine-ri	46.10	0.00
TRINITY_sp|Q9FE1SRT1	NAD-dependent prote	46.00	0.00
TRINITY_sp|Q9UJFTSR3	Ribosome biogenesis	46.00	0.00
TRINITY_sp|Q8LBU GPX8	Probable glutathion	46.00	0.00
TRINITY_sp|Q9LINCIFU4	NifU-like protein 4	46.00	0.00
TRINITY_sp|P2644PARP1	Poly [ADP-ribose] p	46.00	0.00
TRINITY_sp|Q9M8FDSPTP1B	Dual specificity pr	46.00	0.00
TRINITY_sp|P4256EPS15	Epidermal growth fa	46.00	0.00
TRINITY_sp|Q9R0CArpcla	Actin-related prote	46.00	0.00
TRINITY_sp|A6Q48dnaJ	Chaperone protein D	46.00	0.00
TRINITY_sp|A6QLCERCC2	TFIIH basal transcr	46.00	0.00
TRINITY_sp|Q5E9IEIF2S2	Eukaryotic translat	46.00	0.00
TRINITY_sp|O0757yhdF	Uncharacterized oxi	46.00	0.00
TRINITY_sp|Q7YXUcpnA	Copine-A OS=Dictyos	46.00	0.00
TRINITY_sp|Q9M8FDJ1D	Protein DJ-1 homolo	46.00	0.00
TRINITY_sp|Q7KWIwdsof1	DDB1- and CUL4-asso	46.00	0.00
TRINITY_sp|A8I9FCFAP45	Cilia- and flagella	46.00	0.00
TRINITY_sp|Q112(PARP2	Poly [ADP-ribose] p	46.00	0.00
TRINITY_sp|Q1335PPIL2	Peptidyl-prolyl cis	46.00	0.00
TRINITY_sp|P7752yfcG	Disulfide-bond oxid	46.00	0.00
TRINITY_sp|Q86Y7ZGRF1	Protein ZGRF1 OS=Ho	46.00	0.00
TRINITY_sp|Q9NW1RBM28	RNA-binding protein	46.00	0.00
TRINITY_sp|Q1RMDCUN1D5	DCN1-like protein 5	46.00	0.00
TRINITY_sp|Q558ficmt-1	Protein-S-isoprenyl	46.00	0.00
TRINITY_sp|P2858-	Calcium-dependent p	46.00	0.00
TRINITY_sp|Q6X5WR11	Ethylene-responsive	46.00	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	46.00	0.00
TRINITY_sp|Q9EQ(Hsd17b11	Estradiol 17-beta-d	46.00	0.00
TRINITY_sp|Q8C7FUba6	Ubiquitin-like modi	46.00	0.00
TRINITY_sp|F4IAAt1g0591	ATPase family AAA d	46.00	0.00
TRINITY_sp|Q6M9npc1998	Uncharacterized RNA	46.00	0.00
TRINITY_sp|O227(CB5LP	Cytochrome B5-like	46.00	0.00
TRINITY_sp|Q99MFbbs2	Bardet-Biedl syndro	46.00	0.00
TRINITY_sp|Q9LEVAt3g6108	Protein-ribulosamin	46.00	0.00
TRINITY_sp|O8109NRPB5A	DNA-directed RNA po	46.00	0.00
TRINITY_sp|Q9Z33Dynlt1	Dynein light chain	46.00	0.00
TRINITY_sp|F4K1CATXR7	Histone-lysine N-me	46.00	0.00
TRINITY_sp|P7433s111541	Apocarotenoid-15,15	46.00	0.00
TRINITY_sp|Q9C52TIF3H1	Eukaryotic translat	46.00	0.00
TRINITY_sp|P2817pkgB	Protein kinase 2 OS	46.00	0.00
TRINITY_sp|Q567Vdph1	Diphthamide biosynt	46.00	0.00
TRINITY_sp|Q9NDdom	Helicase domino OS=	46.00	0.00
TRINITY_sp|P1097-	Retrovirus-related	46.00	0.00
TRINITY_sp|P5262Upp1	Uridine phosphoryla	46.00	0.00
TRINITY_sp|Q54ZFsrpra	Signal recognition	46.00	0.00
TRINITY_sp|Q54C9hibA	Probable 3-hydroxyi	46.00	0.00
TRINITY_sp|Q94C9RER4	Protein RETICULATA-	46.00	0.00
TRINITY_sp|Q1005SPAC1F5	Putative oxidoreduc	46.00	0.00
TRINITY_sp|Q8RVIDEK1	Calpain-type cystei	46.00	0.00

TRINITY_sp|Q32NV|leng8	Leukocyte receptor	46.00	0.00
TRINITY_sp|Q9ZQ|COAE	Dephospho-CoA kinas	46.00	0.00
TRINITY_sp|Q8LF|DRP1C	Dynamin-related pro	46.00	0.00
TRINITY_sp|Q9P4|utp7	Probable U3 small n	46.00	0.00
TRINITY_sp|Q9BZ|ASPSCR1	Tether containing U	46.00	0.00
TRINITY_sp|Q17Q|TAF9	Transcription initi	46.00	0.00
TRINITY_sp|Q8TF|-	Thioredoxin-like pr	46.00	0.00
TRINITY_sp|Q6TP|-	Cysteine proteinase	46.00	0.00
TRINITY_sp|D0N7|(PITG_07|(Glutamyl-tRNA (Gln)		45.90	0.00
TRINITY_sp|P516|arf4	ADP-ribosylation fa	45.90	0.00
TRINITY_sp|O598|csl4	Exosome complex com	45.90	0.00
TRINITY_sp|F4IR|VATG1C	Serine/threonine-pr	45.90	0.00
TRINITY_sp|O229|U2B''	U2 small nuclear ri	45.90	0.00
TRINITY_sp|F4K6|(NMNAT	Nicotinamide/nicoti	45.90	0.00
TRINITY_sp|P281|pkgB	Protein kinase 2 OS	45.90	0.00
TRINITY_sp|Q54D|mcfp	Mitochondrial subst	45.90	0.00
TRINITY_sp|G3MW|FICAL3	Protein-methionine	45.90	0.00
TRINITY_sp|Q9MB|FKFBP	6-phosphofructo-2-k	45.90	0.00
TRINITY_sp|Q0II|FDDX1	ATP-dependent RNA h	45.90	0.00
TRINITY_sp|Q156|TRIP4	Activating signal c	45.90	0.00
TRINITY_sp|Q7WH|vhmp	Flavoheprotein OS	45.90	0.00
TRINITY_sp|Q5U4|seh11	Nucleoporin seh1 OS	45.90	0.00
TRINITY_sp|Q2H2|END3	Actin cytoskeleton-	45.90	0.00
TRINITY_sp|D0NL|(PITG_12|(tRNA (guanine(37))-N		45.90	0.00
TRINITY_sp|A5D7|DNAJC27	DnaJ homolog subfam	45.90	0.00
TRINITY_sp|Q6P2|dnajc2	DnaJ homolog subfam	45.90	0.00
TRINITY_sp|P479|XDH	Xanthine dehydrogen	45.90	0.00
TRINITY_sp|Q86H|PLK	Probable serine/thr	45.90	0.00
TRINITY_sp|Q1EN|CythPPK,	Folate synthesis bi	45.90	0.00
TRINITY_sp|Q8T6|abcH2	ABC transporter H f	45.90	0.00
TRINITY_sp|Q54I|cox19	Cytochrome c oxidas	45.90	0.00
TRINITY_sp|Q5T6|CFAP58	Cilia- and flagella	45.90	0.00
TRINITY_sp|P273|sbpA	Sulfate-binding pro	45.90	0.00
TRINITY_sp|Q9FZ|ANP2	Mitogen-activated p	45.90	0.00
TRINITY_sp|Q9XG|ARAC9	Rac-like GTP-bindin	45.90	0.00
TRINITY_sp|C6A3|ogt	Methylated-DNA--pro	45.90	0.00
TRINITY_sp|A6LM|dnaK	Chaperone protein D	45.90	0.00
TRINITY_sp|P367|LONP1	Lon protease homolo	45.90	0.00
TRINITY_sp|Q94A|VATJ3	Chaperone protein d	45.90	0.00
TRINITY_sp|P496|-	Ubiquitin-60S ribos	45.90	0.00
TRINITY_sp|A8HU|CFAP58	Cilia- and flagella	45.90	0.00
TRINITY_sp|Q9Y6|URNF215	RING finger protein	45.90	0.00
TRINITY_sp|B6JC|grpE	Protein GrpE OS=Oli	45.90	0.00
TRINITY_sp|O494|At4g2844	Uncharacterized pro	45.90	0.00
TRINITY_sp|O348|yfmJ	Putative NADP-depen	45.90	0.00
TRINITY_sp|P351|TOR1	Serine/threonine-pr	45.90	0.00
TRINITY_sp|B1XH|vrpsT	30S ribosomal prote	45.90	0.00
TRINITY_sp|Q55B|raptor	Protein raptor homo	45.90	0.00
TRINITY_sp|Q389|KIN10	SNF1-related protei	45.90	0.00
TRINITY_sp|Q54Z|fsrpra	Signal recognition	45.90	0.00
TRINITY_sp|P543|sodA	Superoxide dismutas	45.90	0.00
TRINITY_sp|Q9C5|MDTC	Mitochondrial dicar	45.90	0.00
TRINITY_sp|Q993|TY3B-G	Transposon Ty3-G Ga	45.90	0.00
TRINITY_sp|Q8H7|GRXS16	Bifunctional monoth	45.90	0.00
TRINITY_sp|Q6K4|TRX1	Histone-lysine N-me	45.90	0.00
TRINITY_sp|Q54I|DDB_G02|(UPF0553 protein OS=		45.90	0.00

TRINITY_sp|P4069MLH1	DNA mismatch repair	45.90	0.00
TRINITY_sp|P4100cut3	Structural maintena	45.90	0.00
TRINITY_sp|Q2946ATP6V0A1	V-type proton ATPas	45.90	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	45.90	0.00
TRINITY_sp|O4871SMU2	Suppressor of mec-8	45.90	0.00
TRINITY_sp|P2271Gucy1b2	Guanylate cyclase s	45.90	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	45.90	0.00
TRINITY_sp|Q55F1fam45	Protein FAM45 homol	45.90	0.00
TRINITY_sp|O4309-	Kinesin heavy chain	45.90	0.00
TRINITY_sp|A7GS6fold	Bifunctional protei	45.90	0.00
TRINITY_sp|Q2871PPP2R4	Serine/threonine-pr	45.90	0.00
TRINITY_sp|O6073EIF1B	Eukaryotic translat	45.90	0.00
TRINITY_sp|P7101fabD	Malonyl CoA-acyl ca	45.80	0.00
TRINITY_sp|Q3237ybiA	N-glycosidase YbiA	45.80	0.00
TRINITY_sp|P5023CRIP1	Cysteine-rich prote	45.80	0.00
TRINITY_sp|Q3UDE1t1112	Tubulin--tyrosine l	45.80	0.00
TRINITY_sp|O9556MPC2	Mitochondrial pyruv	45.80	0.00
TRINITY_sp|O1497GAK	Cyclin-G-associated	45.80	0.00
TRINITY_sp|Q8L97RPL21M	50S ribosomal prote	45.80	0.00
TRINITY_sp|Q6Y1FHACD2	Very-long-chain (3R	45.80	0.00
TRINITY_sp|Q9XW2acdh-11	Acyl-CoA dehydrogen	45.80	0.00
TRINITY_sp|A0KK1rlmI	Ribosomal RNA large	45.80	0.00
TRINITY_sp|Q5F31PCMT1	Protein-L-isoaspart	45.80	0.00
TRINITY_sp|Q9FF9RPL13D	60S ribosomal prote	45.80	0.00
TRINITY_sp|P1395-	G2/mitotic-specific	45.80	0.00
TRINITY_sp|A7TS1TRM13	tRNA:m(4)X modifica	45.80	0.00
TRINITY_sp|P1475CRYL1	Lambda-crystallin O	45.80	0.00
TRINITY_sp|Q9P21DNAH1	Dynein heavy chain	45.80	0.00
TRINITY_sp|P0572-	DNA endonuclease I-	45.80	0.00
TRINITY_sp|B5FZ6ENY2	Transcription and m	45.80	0.00
TRINITY_sp|Q55F7pyd1	Dihydropyrimidine d	45.80	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	45.80	0.00
TRINITY_sp|Q9P77rpa2	Probable DNA-direct	45.80	0.00
TRINITY_sp|Q4R53NOB1	RNA-binding protein	45.80	0.00
TRINITY_sp|Q7XK1BGLU12	Beta-glucosidase 12	45.80	0.00
TRINITY_sp|Q9181aurka-b	Aurora kinase A-B O	45.80	0.00
TRINITY_sp|P0043PAH	Phenylalanine-4-hyd	45.80	0.00
TRINITY_sp|Q9UK1PARP4	Poly [ADP-ribose] p	45.80	0.00
TRINITY_sp|O9465nog1	Probable nucleolar	45.80	0.00
TRINITY_sp|P0C81MCCRP1	Probable serine/thr	45.80	0.00
TRINITY_sp|Q9446dymA	Dynammin-A OS=Dictyo	45.80	0.00
TRINITY_sp|Q9MB5FKFBP	6-phosphofructo-2-k	45.80	0.00
TRINITY_sp|C6HQ1UTP25	U3 small nucleolar	45.80	0.00
TRINITY_sp|Q9ZR2RH28	DEAD-box ATP-depend	45.80	0.00
TRINITY_sp|Q9290CDS1	Phosphatidate cytid	45.80	0.00
TRINITY_sp|Q8TC1RDH11	Retinol dehydrogena	45.80	0.00
TRINITY_sp|Q99M7Pecr	Peroxisomal trans-2	45.80	0.00
TRINITY_sp|Q9NG0kif1	Kinesin-related pro	45.80	0.00
TRINITY_sp|P5859egl	Endoglucanase OS=Ra	45.80	0.00
TRINITY_sp|B3E51hldE	Bifunctional protei	45.80	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	45.80	0.00
TRINITY_sp|F41Y6UGP3	UTP--glucose-1-phos	45.80	0.00
TRINITY_sp|Q54G1vps45	Vacuolar protein so	45.80	0.00
TRINITY_sp|Q5AT0capdG	Acyl-CoA dehydrogen	45.80	0.00
TRINITY_sp|Q8MV1gbpC	Cyclic GMP-binding	45.80	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	45.80	0.00

TRINITY_sp|P8137-	Ferredoxin-A OS=Alo	45.80	0.00
TRINITY_sp|Q9XZC|culB	Cullin-2 OS=Dictyos	45.80	0.00
TRINITY_sp|Q8LCC|At5g0856	Transcription elong	45.80	0.00
TRINITY_sp|Q69S7|PDIL5-4	Protein disulfide i	45.80	0.00
TRINITY_sp|Q1016|dph1	Deubiquitination-pr	45.80	0.00
TRINITY_sp|Q54H4|drkA	Probable serine/thr	45.80	0.00
TRINITY_sp|Q8LAMP4H4	Probable prolyl 4-h	45.80	0.00
TRINITY_sp|Q9FJX|CYP65	Peptidyl-prolyl cis	45.80	0.00
TRINITY_sp|Q5CC6|petC-1	Cytochrome b6-f com	45.80	0.00
TRINITY_sp|Q9M8F|DJ1D	Protein DJ-1 homolo	45.70	0.00
TRINITY_sp|Q0426|PDS5	Sister chromatid co	45.70	0.00
TRINITY_sp|P0916|P4HB	Protein disulfide-i	45.70	0.00
TRINITY_sp|P8056|TBCA	Tubulin-specific ch	45.70	0.00
TRINITY_sp|P1376|Msh3	DNA mismatch repair	45.70	0.00
TRINITY_sp|A0AU9|wdsu1	WD repeat, SAM and	45.70	0.00
TRINITY_sp|Q8WUI|RAB2B	Ras-related protein	45.70	0.00
TRINITY_sp|Q5RGU|coq8a	Atypical kinase COQ	45.70	0.00
TRINITY_sp|P1326|Camk4	Calcium/calmodulin-	45.70	0.00
TRINITY_sp|P5467|pikB	Phosphatidylinosito	45.70	0.00
TRINITY_sp|Q54T7|DDB_G026	Probable dual speci	45.70	0.00
TRINITY_sp|Q1336|PLD1	Phospholipase D1 OS	45.70	0.00
TRINITY_sp|Q54T4|uch1	Probable ubiquitin	45.70	0.00
TRINITY_sp|P8112|NAPB	Beta-soluble NSF at	45.70	0.00
TRINITY_sp|Q7DM5|ABCC4	ABC transporter C f	45.70	0.00
TRINITY_sp|Q08BV|otud5a	OTU domain-containi	45.70	0.00
TRINITY_sp|A5HI1-	Actinidain OS=Actin	45.70	0.00
TRINITY_sp|O7556|MYCBP2	E3 ubiquitin-protei	45.70	0.00
TRINITY_sp|Q54CF|expo6	Exportin-6 OS=Dicty	45.70	0.00
TRINITY_sp|Q9NU2|MDN1	Midasin OS=Homo sap	45.70	0.00
TRINITY_sp|Q9FM6|PI4KB1	Phosphatidylinosito	45.70	0.00
TRINITY_sp|Q8NSH|prpB1	Probable 2-methylis	45.70	0.00
TRINITY_sp|P4364-	DnaJ protein homolo	45.70	0.00
TRINITY_sp|Q54VW|DDB_G026	Serine carboxypepti	45.70	0.00
TRINITY_sp|O2294|At2g4176	Protein N-terminal	45.70	0.00
TRINITY_sp|Q6GN7-	UPF0454 protein C12	45.70	0.00
TRINITY_sp|Q0JL4|SGT1	Protein SGT1 homolo	45.70	0.00
TRINITY_sp|Q84XC|ILL1	IAA-amino acid hydr	45.70	0.00
TRINITY_sp|Q2426|eIF-2gaa	Eukaryotic translat	45.70	0.00
TRINITY_sp|Q2011|gcs-1	Glutamate--cysteine	45.70	0.00
TRINITY_sp|P4232|kata	Catalase OS=Proteus	45.70	0.00
TRINITY_sp|O5876|treT	Trehalose synthase	45.70	0.00
TRINITY_sp|P5317|ERV14	ER-derived vesicles	45.70	0.00
TRINITY_sp|Q9SCY|KINB2	SNF1-related protei	45.70	0.00
TRINITY_sp|Q3966|IDA4	28 kDa inner dynein	45.70	0.00
TRINITY_sp|Q9BX6|BRIP1	Fanconi anemia grou	45.70	0.00
TRINITY_sp|P1097-	Retrovirus-related	45.70	0.00
TRINITY_sp|Q7XVE|BASS1	Probable sodium/met	45.70	0.00
TRINITY_sp|Q9M87|UGT80A2	Sterol 3-beta-gluco	45.70	0.00
TRINITY_sp|Q9FNE|GRXC2	Glutaredoxin-C2 OS=	45.70	0.00
TRINITY_sp|Q54S6|rc11	Probable RNA 3'-ter	45.70	0.00
TRINITY_sp|Q8GWE|UCH3	Ubiquitin carboxyl-	45.70	0.00
TRINITY_sp|Q75QJ|CFDP1	Craniofacial develo	45.70	0.00
TRINITY_sp|A1A46|ATP9B	Probable phospholip	45.70	0.00
TRINITY_sp|Q8N11|CYP4X1	Cytochrome P450 4X1	45.70	0.00
TRINITY_sp|Q8C16|Cps1	Carbamoyl-phosphate	45.70	0.00
TRINITY_sp|Q0VA6|letm1	LETM1 and EF-hand d	45.70	0.00

TRINITY_sp|Q9MAFDJ1B	Protein DJ-1 homolo	45.70	0.00
TRINITY_sp|Q8L9P4H7	Probable prolyl 4-h	45.70	0.00
TRINITY_sp|Q0JJSHCF101	Fe-S cluster assemb	45.70	0.00
TRINITY_sp|P2622celD	Endoglucanase E-4 O	45.70	0.00
TRINITY_sp|Q9FJISMC4	Structural maintena	45.70	0.00
TRINITY_sp|Q9HGMyta12	Mitochondrial respi	45.70	0.00
TRINITY_sp|Q54Hlcsn2	COP9 signalosome co	45.70	0.00
TRINITY_sp|O440CPYK	Pyruvate kinase OS=	45.70	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	45.70	0.00
TRINITY_sp|Q22S\RPL38	60S ribosomal prote	45.70	0.00
TRINITY_sp|P9252AtMg008	Uncharacterized mit	45.60	0.00
TRINITY_sp|P3513UBC8	Ubiquitin-conjugati	45.60	0.00
TRINITY_sp|Q0593myb11	Myb-related protein	45.60	0.00
TRINITY_sp|Q0732PIGF	Phosphatidylinosito	45.60	0.00
TRINITY_sp|Q9VR9HERC2	Probable E3 ubiquit	45.60	0.00
TRINITY_sp|Q1269YPK9	Vacuolar cation-tra	45.60	0.00
TRINITY_sp|Q6CGIYALI0A18	Acyl-protein thioes	45.60	0.00
TRINITY_sp|Q3ZCIANAPC11	Anaphase-promoting	45.60	0.00
TRINITY_sp|A8AF7treA	Periplasmic trehala	45.60	0.00
TRINITY_sp|Q6Z8EOs02g022	Probable protein ph	45.60	0.00
TRINITY_sp|P5361ARCN1	Coatomer subunit de	45.60	0.00
TRINITY_sp|O6016SPBC19F5	Uncharacterized pro	45.60	0.00
TRINITY_sp|Q7ZV6bcs11	Mitochondrial chape	45.60	0.00
TRINITY_sp|O4867RER1A	Protein RER1A OS=Ar	45.60	0.00
TRINITY_sp|Q7S45rcf1	Respiratory superco	45.60	0.00
TRINITY_sp|Q2391kinX	Probable serine/thr	45.60	0.00
TRINITY_sp|Q7RA\CPK3	Calcium-dependent p	45.60	0.00
TRINITY_sp|Q9VR9HERC2	Probable E3 ubiquit	45.60	0.00
TRINITY_sp|Q9FM\PI4KB1	Phosphatidylinosito	45.60	0.00
TRINITY_sp|P6299RAC1	Ras-related C3 botu	45.60	0.00
TRINITY_sp|O2365RABC1	Ras-related protein	45.60	0.00
TRINITY_sp|Q5VJlgdt9	Probable serine/thr	45.60	0.00
TRINITY_sp|Q8LCUAt3g4577	Probable trans-2-en	45.60	0.00
TRINITY_sp|Q54T7DDB_G028	Probable dual speci	45.60	0.00
TRINITY_sp|Q2GZ9ESF2	Pre-rRNA-processing	45.60	0.00
TRINITY_sp|Q4254UBC7	Ubiquitin-conjugati	45.60	0.00
TRINITY_sp|Q2R2IKIN7L	Kinesin-like protei	45.60	0.00
TRINITY_sp|Q9H47RBKS	Ribokinase OS=Homo	45.60	0.00
TRINITY_sp|Q388(HSP22.0	22.0 kDa heat shock	45.60	0.00
TRINITY_sp|Q86Y9C2CD5	C2 domain-containin	45.60	0.00
TRINITY_sp|O2814AF_2138	Phosphoserine phosp	45.60	0.00
TRINITY_sp|Q9SB5AP4M	AP-4 complex subuni	45.60	0.00
TRINITY_sp|P2944trxB	Thioredoxin-2 (Frag	45.60	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	45.60	0.00
TRINITY_sp|Q9UT8SPAC343	Uncharacterized WD	45.60	0.00
TRINITY_sp|Q9411PMS1	DNA mismatch repair	45.60	0.00
TRINITY_sp|A3QJ\coq8b	Atypical kinase COQ	45.60	0.00
TRINITY_sp|P5333RNH70	RNA exonuclease 1 O	45.60	0.00
TRINITY_sp|Q9WX9rbsA1	Ribose import ATP-b	45.60	0.00
TRINITY_sp|Q9LN2P4H3	Probable prolyl 4-h	45.60	0.00
TRINITY_sp|P5487hgsA	Hydroxymethylglutar	45.60	0.00
TRINITY_sp|O243(TOP2	DNA topoisomerase 2	45.60	0.00
TRINITY_sp|A0JPI\Ccdc61	Coiled-coil domain-	45.60	0.00
TRINITY_sp|Q0314Epha2	Ephrin type-A recep	45.60	0.00
TRINITY_sp|Q6GM9prpf18	Pre-mRNA-splicing f	45.60	0.00
TRINITY_sp|Q9FJIFKBP65	Peptidyl-prolyl cis	45.60	0.00

TRINITY_sp|Q8T15fam91	Protein FAM91 homol	45.60	0.00
TRINITY_sp|Q9LZMORP3A	Oxysterol-binding p	45.60	0.00
TRINITY_sp|O8246At5g2670	Glutamate--tRNA lig	45.60	0.00
TRINITY_sp|Q9AS6RFK1	Probable LRR recept	45.60	0.00
TRINITY_sp|Q9938VCX1	Vacuolar calcium io	45.60	0.00
TRINITY_sp|Q9FWJUBC16	Probable ubiquitin-	45.60	0.00
TRINITY_sp|P2961CDKA-1	Cyclin-dependent ki	45.60	0.00
TRINITY_sp|P332(ARC19	Actin-related prote	45.60	0.00
TRINITY_sp|Q55D7abcG22	ABC transporter G f	45.60	0.00
TRINITY_sp|O0018STXBP3	Syntaxin-binding pr	45.60	0.00
TRINITY_sp|A3EWIREV1	DNA repair protein	45.60	0.00
TRINITY_sp|P7437dfa3	Putative diflavin f	45.60	0.00
TRINITY_sp|Q5JVIEFHC1	EF-hand domain-cont	45.60	0.00
TRINITY_sp|Q86Y6CPNE8	Copine-8 OS=Homo sa	45.60	0.00
TRINITY_sp|O9468plh1	Phospholipid:diacyl	45.60	0.00
TRINITY_sp|Q9M82UGT80A2	Sterol 3-beta-gluco	45.60	0.00
TRINITY_sp|Q10E6KIN8B	Kinesin-like protei	45.60	0.00
TRINITY_sp|Q10M6GEP	Probable glutamyl e	45.60	0.00
TRINITY_sp|O6502EAAC	Probable envelope A	45.60	0.00
TRINITY_sp|B9A1FSEP1	Thioredoxin reducta	45.50	0.00
TRINITY_sp|P9761Faah	Fatty-acid amide hy	45.50	0.00
TRINITY_sp|Q9UI1HERC5	E3 ISG15--protein l	45.50	0.00
TRINITY_sp|Q8BZ6Anapc2	Anaphase-promoting	45.50	0.00
TRINITY_sp|Q0341frk	Fructokinase OS=Zym	45.50	0.00
TRINITY_sp|O8126TK	Thymidine kinase OS	45.50	0.00
TRINITY_sp|Q3907ATJ13	Chaperone protein d	45.50	0.00
TRINITY_sp|P3132PKAR	cAMP-dependent prot	45.50	0.00
TRINITY_sp|O4386ATP9B	Probable phospholip	45.50	0.00
TRINITY_sp|P391(YCF1	Metal resistance pr	45.50	0.00
TRINITY_sp|Q2866ABCC2	Canalicular multisp	45.50	0.00
TRINITY_sp|Q9VH1Invadol5	Leishmanolysin-like	45.50	0.00
TRINITY_sp|P5465cap	Adenylyl cyclase-as	45.50	0.00
TRINITY_sp|Q9QX1Prss16	Thymus-specific ser	45.50	0.00
TRINITY_sp|Q7551DBP2	ATP-dependent RNA h	45.50	0.00
TRINITY_sp|F1Q48atp9b	Probable phospholip	45.50	0.00
TRINITY_sp|P9341Os09g050	Cyclin-C1-1 OS=Oryz	45.50	0.00
TRINITY_sp|Q8W41RH47	DEAD-box ATP-depend	45.50	0.00
TRINITY_sp|P4861pelo	Protein pelota OS=D	45.50	0.00
TRINITY_sp|O6112krsA	Serine/threonine-pr	45.50	0.00
TRINITY_sp|Q49G1pi4kb	Phosphatidylinosito	45.50	0.00
TRINITY_sp|E3QB1UTP25	U3 small nucleolar	45.50	0.00
TRINITY_sp|Q1018abc2	ATP-binding cassett	45.50	0.00
TRINITY_sp|P0CR6SEC23	Protein transport p	45.50	0.00
TRINITY_sp|Q9A82CC_1201	Putative aldolase c	45.50	0.00
TRINITY_sp|Q8T21fam49	Protein FAM49 homol	45.50	0.00
TRINITY_sp|Q94A(CDS4	Phosphatidate cytid	45.50	0.00
TRINITY_sp|P8726SPAC16A1	Putative RNA polyme	45.50	0.00
TRINITY_sp|Q8WX1DNAH7	Dynein heavy chain	45.50	0
TRINITY_sp|Q8IY1GSPT2	Eukaryotic peptide	45.50	0.00
TRINITY_sp|Q9UI(EVL	Ena/VASP-like prote	45.50	0.00
TRINITY_sp|Q8RW2SD25	G-type lectin S-rec	45.50	0.00
TRINITY_sp|P7438s110418	2-methyl-6-phytyl-1	45.50	0.00
TRINITY_sp|Q7L87VASH1	Vasohibin-1 OS=Homo	45.50	0.00
TRINITY_sp|P2577Os04g065	Oryzain alpha chain	45.50	0.00
TRINITY_sp|P0A44purU	Formyltetrahydrofol	45.50	0.00
TRINITY_sp|Q4V8(Lrrc56	Leucine-rich repeat	45.50	0.00

TRINITY_sp|Q54G5ascc3	Activating signal c	45.50	0.00
TRINITY_sp|Q65XFOs05g057	Ketol-acid reductoi	45.50	0.00
TRINITY_sp|Q0WWQATG3	Autophagy-related p	45.50	0.00
TRINITY_sp|Q9LS7PBD1	Proteasome subunit	45.50	0.00
TRINITY_sp|U3KRIDHQ5	3-dehydroquinone sy	45.50	0.00
TRINITY_sp|Q3ZBFTTC1	Tetratricopeptide r	45.50	0.00
TRINITY_sp|Q9FPFEDR1	Serine/threonine-pr	45.50	0.00
TRINITY_sp|Q8BG(Tmem184k	Transmembrane prote	45.50	0.00
TRINITY_sp|Q9FR5TOR	Serine/threonine-pr	45.50	0.00
TRINITY_sp|Q8IV5MCAT	Malonyl-CoA-acyl ca	45.50	0.00
TRINITY_sp|P4862FAD8	Temperature-sensiti	45.50	0.00
TRINITY_sp|P4679cysB	Cystathionine beta-	45.50	0.00
TRINITY_sp|Q7NDVrnz	Ribonuclease Z OS=G	45.50	0.00
TRINITY_sp|F4J22LPPE1	Lipid phosphate pho	45.50	0.00
TRINITY_sp|P1097-	Retrovirus-related	45.50	0.00
TRINITY_sp|Q9SJIAtlg0837	mRNA-decapping enzy	45.50	0.00
TRINITY_sp|B2V61lon	Lon protease OS=Sul	45.50	0.00
TRINITY_sp|Q9ZMMmrp	Iron-sulfur cluster	45.50	0.00
TRINITY_sp|Q8VZ7ABCC6	ABC transporter C f	45.50	0.00
TRINITY_sp|O4264ubc6	Ubiquitin-conjugati	45.50	0.00
TRINITY_sp|Q8LFILPP3	Putative lipid phos	45.50	0.00
TRINITY_sp|Q6MA9glgA	Glycogen synthase O	45.50	0.00
TRINITY_sp|Q96UIradC	DNA repair and reco	45.50	0.00
TRINITY_sp|Q2787pcm-1	Protein-L-isoaspart	45.50	0.00
TRINITY_sp|Q8LAMP4H4	Probable prolyl 4-h	45.50	0.00
TRINITY_sp|Q8TD2CHD6	Chromodomain-helica	45.50	0.00
TRINITY_sp|Q9ZV7GTF2H2	General transcripti	45.50	0.00
TRINITY_sp|Q6K43TRX1	Histone-lysine N-me	45.50	0.00
TRINITY_sp|O544CreIA	GTP pyrophosphokina	45.50	0.00
TRINITY_sp|P6101RAB4B	Ras-related protein	45.50	0.00
TRINITY_sp|P4628At3g5580	(Sedoheptulose-1,7-b	45.50	0.00
TRINITY_sp|Q8W11SMU1	Suppressor of mec-8	45.40	0.00
TRINITY_sp|P2227RAS1	Ras-like protein 1	45.40	0.00
TRINITY_sp|Q53F7TP53I3	Quinone oxidoreduct	45.40	0.00
TRINITY_sp|Q9JJIHo66	Bifunctional lysine	45.40	0.00
TRINITY_sp|P3413ptpB	Tyrosine-protein ph	45.40	0.00
TRINITY_sp|P3282SCPL49	Serine carboxypepti	45.40	0.00
TRINITY_sp|Q9P27USP36	Ubiquitin carboxyl-	45.40	0.00
TRINITY_sp|Q9FMFRD21B	Probable cysteine p	45.40	0.00
TRINITY_sp|Q54N4bcaA	Branched-chain-amin	45.40	0.00
TRINITY_sp|Q7RAFCPK1	Calcium-dependent p	45.40	0.00
TRINITY_sp|O5982SPCC965	Putative voltage-ga	45.40	0.00
TRINITY_sp|P2648fixL	Sensor protein FixL	45.40	0.00
TRINITY_sp|Q76P(DDB_G027	Probable serine/thr	45.40	0.00
TRINITY_sp|P136(Atpalpha2	Sodium/potassium-tr	45.40	0.00
TRINITY_sp|Q84U(Os08g015	DEAD-box ATP-depend	45.40	0.00
TRINITY_sp|Q9UD1DNAJB4	DnaJ homolog subfam	45.40	0.00
TRINITY_sp|Q8L72GSTT2	Glutathione S-trans	45.40	0.00

TRINITY_sp|Q0181PFKP	ATP-dependent 6-pho	45.40	0.00
TRINITY_sp|Q9LTKNHD1	Sodium/proton antip	45.40	0.00
TRINITY_sp|Q5ZLSTRAP	Serine-threonine ki	45.40	0.00
TRINITY_sp|P2309-	Dynein beta chain,	45.40	0
TRINITY_sp|F4JJCND3	External alternativ	45.40	0.00
TRINITY_sp|Q54DIDDDB_G029	Probable serine/thr	45.40	0.00
TRINITY_sp|P5466cprD	Cysteine proteinase	45.40	0.00
TRINITY_sp|Q9FWCHAC12	Histone acetyltrans	45.40	0.00
TRINITY_sp|Q9FM8At5g5645	Probable ADP,ATP ca	45.30	0.00
TRINITY_sp|Q3ZBI-	UPF0235 protein C15	45.30	0.00
TRINITY_sp|A0BD7Rp17-2	60S ribosomal prote	45.30	0.00
TRINITY_sp|Q0IQFCML3	Calmodulin-like pro	45.30	0.00
TRINITY_sp|Q0007tpsA	Alpha,alpha-trehalo	45.30	0.00
TRINITY_sp|Q6NRMchmp3	Charged multivesicu	45.30	0.00
TRINITY_sp|A0PJEDHRS12	Dehydrogenase/reduc	45.30	0.00
TRINITY_sp|Q3TX(Trmt1	tRNA (guanine(26)-N	45.30	0.00
TRINITY_sp|P3547-	Stefin-C OS=Bos tau	45.30	0.00
TRINITY_sp|Q86A7atp6v1d	V-type proton ATPas	45.30	0.00
TRINITY_sp|Q58DISDC2	Syndecan-2 OS=Bos t	45.30	0.00
TRINITY_sp|Q9LZ7BIG2	Brefeldin A-inhibit	45.30	0.00
TRINITY_sp|Q9ZRICAD	Probable mannitol d	45.30	0.00
TRINITY_sp|Q9ZRICAD	Probable mannitol d	45.30	0.00
TRINITY_sp|Q75JCasps1	Aspartate--tRNA lig	45.30	0.00
TRINITY_sp|Q9HCFCPNE5	Copine-5 OS=Homo sa	45.30	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	45.30	0.00
TRINITY_sp|Q80XIWnk3	Serine/threonine-pr	45.30	0.00
TRINITY_sp|Q7TSCNek5	Serine/threonine-pr	45.30	0.00
TRINITY_sp|Q0VG7Zgrf1	Protein ZGRF1 OS=Mu	45.30	0.00
TRINITY_sp|Q4VB8metap1d	Methionine aminopep	45.30	0.00
TRINITY_sp|Q9C51SMC2-1	Structural maintena	45.30	0.00
TRINITY_sp|A7Z05PPIP5K1	Inositol hexakispho	45.30	0.00
TRINITY_sp|Q84LMAARE	Acylamino-acid-rele	45.30	0.00
TRINITY_sp|Q9202-	Nuclear factor 7, b	45.30	0.00
TRINITY_sp|P1419AAC4	AAC-rich mRNA clone	45.30	0.00
TRINITY_sp|Q54QCDDDB_G028	Probable E3 ubiquit	45.30	0.00
TRINITY_sp|P5195NEK4	Serine/threonine-pr	45.30	0.00
TRINITY_sp|Q9GRHefalB	Elongation factor 1	45.30	0.00
TRINITY_sp|O8222At2g2393	Probable small nucl	45.30	0.00
TRINITY_sp|Q54Q6dhkG	Hybrid signal trans	45.30	0.00
TRINITY_sp|Q9ER7Cars	Cysteine--tRNA liga	45.30	0.00
TRINITY_sp|A8IRCFAP53	Cilia- and flagella	45.30	0.00
TRINITY_sp|P7324sll1917	Oxygen-independent	45.30	0.00
TRINITY_sp|Q5UNVMIMI_R71	Uncharacterized pro	45.30	0.00
TRINITY_sp|Q55DFfcsA	Fatty acyl-CoA synt	45.30	0.00
TRINITY_sp|O4935COQ3	Ubiquinone biosynth	45.30	0.00
TRINITY_sp|P1188Aldh3a1	Aldehyde dehydrogen	45.30	0.00
TRINITY_sp|Q9ZR3DSPTP1	Dual specificity pr	45.30	0.00
TRINITY_sp|O4352ATP8B1	Phospholipid-transp	45.30	0.00
TRINITY_sp|O0403At1g0894	Phosphoglycerate mu	45.30	0.00
TRINITY_sp|Q9U51Gtp-bp	Signal recognition	45.30	0.00
TRINITY_sp|Q6278Ddx46	Probable ATP-depend	45.30	0.00
TRINITY_sp|Q6GQ1Cdc14a	Dual specificity pr	45.30	0.00
TRINITY_sp|Q8IUICBWD2	COBW domain-contain	45.30	0.00
TRINITY_sp|P0876Eip71CD	Peptide methionine	45.30	0.00
TRINITY_sp|Q9M1(CPK23	Calcium-dependent p	45.30	0.00
TRINITY_sp|Q9LDMRRP45A	Exosome complex com	45.30	0.00

TRINITY_sp|Q67P|rnc	Ribonuclease 3 OS=S	45.30	0.00
TRINITY_sp|Q96H|TMEM19	Transmembrane prote	45.30	0.00
TRINITY_sp|P930|PHOT2	Phototropin-2 OS=Ar	45.30	0.00
TRINITY_sp|P525|mybl2	Myb-related protein	45.30	0.00
TRINITY_sp|Q0DW|Os02g07	DEAD-box ATP-depend	45.30	0.00
TRINITY_sp|Q9NJ|CPK3	Calcium-dependent p	45.30	0.00
TRINITY_sp|P808|AN1	Ananain OS=Ananas c	45.30	0.00
TRINITY_sp|Q8TV|(pth	Peptidyl-tRNA hydro	45.30	0.00
TRINITY_sp|Q8GW|PGLP2	Phosphoglycolate ph	45.30	0.00
TRINITY_sp|Q94C|INAR1	Protein NAR1 OS=Ara	45.30	0.00
TRINITY_sp|Q9NT|(SIRT3	NAD-dependent prote	45.30	0.00
TRINITY_sp|Q54T|drkD	Probable serine/thr	45.30	0.00
TRINITY_sp|Q54E|DDB_G02	Probable protein ki	45.30	0.00
TRINITY_sp|Q91Y|(Rab29	Ras-related protein	45.20	0.00
TRINITY_sp|Q4L7|SH1032	Uncharacterized pro	45.20	0.00
TRINITY_sp|Q9C1|(cat-1	Catalase-1 OS=Neuro	45.20	0.00
TRINITY_sp|Q131|PAK2	Serine/threonine-pr	45.20	0.00
TRINITY_sp|P137|(fs(1)h	Homeotic protein fe	45.20	0.00
TRINITY_sp|P110|NIA2	Nitrate reductase [	45.20	0.00
TRINITY_sp|Q54P|abcC8	ABC transporter C f	45.20	0.00
TRINITY_sp|Q6DC|slc30a9	Zinc transporter 9	45.20	0.00
TRINITY_sp|P218|RYSR1	Ryanodine receptor	45.20	0.00
TRINITY_sp|Q09J|ODA7	Leucine-rich repeat	45.20	0.00
TRINITY_sp|P519|NEK3	Serine/threonine-pr	45.20	0.00
TRINITY_sp|Q9C9|At1g781	Probable mitochondr	45.20	0.00
TRINITY_sp|Q6Q1|CYP57	Peptidyl-prolyl cis	45.20	0.00
TRINITY_sp|O956|ASMTL	N-acetylserotonin O	45.20	0.00
TRINITY_sp|P459|USP5	Ubiquitin carboxyl-	45.20	0.00
TRINITY_sp|Q111|ofd1	Prolyl 3,4-dihydrox	45.20	0.00
TRINITY_sp|Q8C2|Kiaa019	WASH complex subuni	45.20	0.00
TRINITY_sp|Q5BJ|Carnmt1	Carnosine N-methylt	45.20	0.00
TRINITY_sp|P067|Cts1	Cathepsin L1 OS=Mus	45.20	0.00
TRINITY_sp|Q8H0|ABCF3	ABC transporter F f	45.20	0.00
TRINITY_sp|A2YF|HK1	Probable histidine	45.20	0.00
TRINITY_sp|P0AD|ygiC	Putative acid--amin	45.20	0.00
TRINITY_sp|Q6R5|(RMA1H1	E3 ubiquitin-protei	45.20	0.00
TRINITY_sp|Q91W|Rrp9	U3 small nucleolar	45.20	0.00
TRINITY_sp|O086|Sqstm1	Sequestosome-1 OS=R	45.20	0.00
TRINITY_sp|O234|(PPD1	PsbP domain-contain	45.20	0.00
TRINITY_sp|Q5BK|chmp3	Charged multivesicu	45.20	0.00
TRINITY_sp|B2S9|Der	GTPase Der OS=Bruce	45.20	0.00
TRINITY_sp|Q2JI|HnmME	tRNA modification G	45.20	0.00
TRINITY_sp|Q9VV|Cyp312a1	Probable cytochrome	45.20	0.00
TRINITY_sp|P423|CNB1	Calcineurin subunit	45.20	0.00
TRINITY_sp|Q55G|pakC	Serine/threonine-pr	45.20	0.00
TRINITY_sp|A1L1|Idnlz	DNL-type zinc finge	45.20	0.00
TRINITY_sp|Q8RWE|UPL6	E3 ubiquitin-protei	45.20	0.00
TRINITY_sp|P844|(LSS	Lanosterol synthase	45.20	0.00
TRINITY_sp|Q2LA|ASHH2	Histone-lysine N-me	45.20	0.00
TRINITY_sp|Q9XY|fcpA	Probable C-terminal	45.20	0.00
TRINITY_sp|Q8H1|At1g069	U2 small nuclear ri	45.20	0.00
TRINITY_sp|A2YF|HK1	Probable histidine	45.20	0.00
TRINITY_sp|P043|pol	Retrovirus-related	45.20	0.00
TRINITY_sp|P319|SPS	Sucrose-phosphate s	45.20	0.00
TRINITY_sp|P9WP|dapC	Probable N-succinyl	45.20	0.00
TRINITY_sp|Q7ZX|mtmr4	Myotubularin-relate	45.20	0.00

TRINITY_sp|P397AIM1	Altered inheritance	45.20	0.00
TRINITY_sp|Q9P2FZNFx1	NFX1-type zinc fing	45.20	0.00
TRINITY_sp|Q2TAJPRCP	Lysosomal Pro-X car	45.20	0.00
TRINITY_sp|Q54QJmcfR	Mitochondrial subst	45.10	0.00
TRINITY_sp|Q9VFIrdx	Protein roadkill OS	45.10	0.00
TRINITY_sp|P426SRK1	Tyrosine-protein ki	45.10	0.00
TRINITY_sp|Q4Z1IPB00032	Actin-1 OS=Plasmodi	45.10	0.00
TRINITY_sp|P542PGIC	Glucose-6-phosphate	45.10	0.00
TRINITY_sp|Q6G3IctaA	Heme A synthase OS=	45.10	0.00
TRINITY_sp|Q54Gfctdsp12	CTD small phosphata	45.10	0.00
TRINITY_sp|Q32P1PPP2R1A	Serine/threonine-pr	45.10	0.00
TRINITY_sp|O599pkar	cAMP-dependent prot	45.10	0.00
TRINITY_sp|B5X0Vvisoc1	Isochorismatase dom	45.10	0.00
TRINITY_sp|Q23MTt116a	Probable beta-tubul	45.10	0.00
TRINITY_sp|Q3TYUAtp13a5	Probable cation-tra	45.10	0.00
TRINITY_sp|Q54Fneif2b4	Translation initiat	45.10	0.00
TRINITY_sp|Q54Yfmeccr	Trans-2-enoyl-CoA r	45.10	0.00
TRINITY_sp|Q9LEIRE	Probable serine/thr	45.10	0.00
TRINITY_sp|B8J1rplA	50S ribosomal prote	45.10	0.00
TRINITY_sp|Q9P2HSIPA1L2	Signal-induced prol	45.10	0.00
TRINITY_sp|Q869twfA	Twinfilin OS=Dictyo	45.10	0.00
TRINITY_sp|Q8CFDnajc27	DnaJ homolog subfam	45.10	0.00
TRINITY_sp|B9DFPAA2	Copper-transporting	45.10	0.00
TRINITY_sp|Q5ATcapdG	Acyl-CoA dehydrogen	45.10	0.00
TRINITY_sp|P008ATP6	ATP synthase subuni	45.10	0.00
TRINITY_sp|Q8H1MNS2	Mannosyl-oligosacch	45.10	0.00
TRINITY_sp|Q60GCEXO1	Exonuclease 1 OS=Or	45.10	0.00
TRINITY_sp|O139otul	Putative ubiquitin	45.10	0.00
TRINITY_sp|O318yngI	Putative acyl-CoA s	45.10	0.00
TRINITY_sp|Q54XJDDB_G02	Glucose-induced deg	45.10	0.00
TRINITY_sp|Q653NRAMP3	Metal transporter N	45.10	0.00
TRINITY_sp|Q8L7CLPR3	ATP-dependent Clp p	45.10	0.00
TRINITY_sp|Q54Ivrft1	Protein RFT1 homolo	45.10	0.00
TRINITY_sp|Q29AIGA17800	Leishmanolysin-like	45.10	0.00
TRINITY_sp|Q6NP(At5g511	Probable RNA methyl	45.10	0.00
TRINITY_sp|P546myoJ	Myosin-J heavy chai	45.10	0.00
TRINITY_sp|Q9KXxyoA	Xylitol oxidase OS=	45.10	0.00
TRINITY_sp|Q7XIIIRE1	Serine/threonine-pr	45.10	0.00
TRINITY_sp|O748fmn1	Riboflavin kinase O	45.10	0.00
TRINITY_sp|O041(-	Uricase-2 isozyme 2	45.10	0.00
TRINITY_sp|A3KMUBA1	Ubiquitin-like modi	45.10	0.00
TRINITY_sp|Q67X(At5g065	F-box protein At5g0	45.10	0.00
TRINITY_sp|Q3E9CPK34	Calcium-dependent p	45.10	0.00
TRINITY_sp|Q67X(CBSDUF1	DUF21 domain-contai	45.10	0.00
TRINITY_sp|Q8K2(Alkbh6	Alpha-ketoglutarate	45.10	0.00
TRINITY_sp|Q0WVI PRMT3	Probable protein ar	45.10	0.00
TRINITY_sp|Q9SE(SCL33	Serine/arginine-ric	45.10	0.00
TRINITY_sp|Q5Z6(CIPK25	CBL-interacting pro	45.10	0.00
TRINITY_sp|P546pikD	Phosphatidylinosito	45.10	0.00
TRINITY_sp|Q093hmg-1.2	High mobility group	45.10	0.00
TRINITY_sp|Q54S(ech1	Delta(3,5)-Delta(2,	45.10	0.00
TRINITY_sp|Q8T2top3	DNA topoisomerase 3	45.10	0.00
TRINITY_sp|O818IRT2	Fe(2+) transport pr	45.10	0.00
TRINITY_sp|Q9P7(SPBP35G	Uncharacterized Nud	45.10	0.00
TRINITY_sp|P165proA	Alkaline serine exo	45.10	0.00
TRINITY_sp|O942mph1	Serine/threonine-pr	45.10	0.00

TRINITY_sp|O4928RH29	Putative DEAD-box A	45.10	0.00
TRINITY_sp|F1QC4rp2	Protein XRP2 OS=Dan	45.10	0.00
TRINITY_sp|Q96MIKCTD7	BTB/POZ domain-cont	45.10	0.00
TRINITY_sp|Q8CCINemf	Nuclear export medi	45.10	0.00
TRINITY_sp|A4IIHsdad1	Protein SDA1 homolo	45.10	0.00
TRINITY_sp|Q4VBIier3ip1	Immediate early res	45.10	0.00
TRINITY_sp|D2QZ3ftsH	ATP-dependent zinc	45.10	0.00
TRINITY_sp|Q8SS0gefr	Ras guanine nucleot	45.10	0.00
TRINITY_sp|P5383BOR1	Boron transporter 1	45.10	0.00
TRINITY_sp|P8731tma20	Translation machine	45.10	0.00
TRINITY_sp|Q9H09NUAK2	NUAK family SNF1-li	45.00	0.00
TRINITY_sp|Q54I7pigm	GPI mannosyltransfe	45.00	0.00
TRINITY_sp|Q54K8talB	Talin-B OS=Dictyost	45.00	0.00
TRINITY_sp|Q9UK4LSM7	U6 snRNA-associated	45.00	0.00
TRINITY_sp|Q96NCZMAT2	Zinc finger matrin-	45.00	0.00
TRINITY_sp|Q6GQ3tmem135	Transmembrane prote	45.00	0.00
TRINITY_sp|Q6TJ1RPS6KB1	Ribosomal protein S	45.00	0.00
TRINITY_sp|P1689gpaA	Guanine nucleotide-	45.00	0.00
TRINITY_sp|Q9UN1CDC14A	Dual specificity pr	45.00	0.00
TRINITY_sp|Q54K8talB	Talin-B OS=Dictyost	45.00	0.00
TRINITY_sp|Q9WY1TM_0508	Uncharacterized pro	45.00	0.00
TRINITY_sp|Q94A(MKK1	Mitogen-activated p	45.00	0.00
TRINITY_sp|P6234CPK1	Calcium-dependent p	45.00	0.00
TRINITY_sp|Q6S71TAF5	Transcription initi	45.00	0.00
TRINITY_sp|Q9XY9noxA	Superoxide-generati	45.00	0.00
TRINITY_sp|P1784DDX5	Probable ATP-depend	45.00	0.00
TRINITY_sp|Q9FW1ABCB11	ABC transporter B f	45.00	0.00
TRINITY_sp|Q1236RIB2	Bifunctional protei	45.00	0.00
TRINITY_sp|O2735dnaJ	Chaperone protein D	45.00	0.00
TRINITY_sp|Q9LM1At1g1370	Probable 6-phosphog	45.00	0.00
TRINITY_sp|Q9LX1PPD6	PsbP domain-contain	45.00	0.00
TRINITY_sp|Q9S91VPS28-2	Vacuolar protein so	45.00	0.00
TRINITY_sp|Q54P74c11	Probable 4-coumarat	45.00	0.00
TRINITY_sp|F4J07P4H6	Probable prolyl 4-h	45.00	0.00
TRINITY_sp|Q8T15fam91	Protein FAM91 homol	45.00	0.00
TRINITY_sp|Q8VX1XEG113	Arabinosyltransfera	45.00	0.00
TRINITY_sp|P1605gpaB	Guanine nucleotide-	45.00	0.00
TRINITY_sp|Q8H01ABCF3	ABC transporter F f	45.00	0.00
TRINITY_sp|P5471PSBS	Photosystem II 22 k	45.00	0.00
TRINITY_sp|Q6316Dnah1	Dynein heavy chain	45.00	0
TRINITY_sp|P1097-	Retrovirus-related	45.00	0.00
TRINITY_sp|O6276TXNRD1	Thioredoxin reducta	45.00	0.00
TRINITY_sp|Q5EA1MFAP1	Microfibrillar-asso	45.00	0.00
TRINITY_sp|Q8K58Dus11	tRNA-dihydrouridine	45.00	0.00
TRINITY_sp|O8065SKIP	SNW/SKI-interacting	45.00	0.00
TRINITY_sp|Q54B1nfx1	Transcriptional rep	45.00	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	45.00	0.00
TRINITY_sp|Q9P61pc11	Fe(2+)/Mn(2+) trans	45.00	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	45.00	0.00
TRINITY_sp|Q4170PFE2	Ferritin-2, chlorop	45.00	0.00
TRINITY_sp|Q9LY1(NADP-ME2	NADP-dependent mali	45.00	0.00
TRINITY_sp|A5PJ1HYKK	Hydroxylysine kinas	45.00	0.00
TRINITY_sp|Q4189-	ATP synthase subuni	45.00	0.00
TRINITY_sp|Q9FT1ABCG27	ABC transporter G f	45.00	0.00
TRINITY_sp|Q54S1dhkD	Hybrid signal trans	45.00	0.00
TRINITY_sp|Q9Z32Top3b	DNA topoisomerase 3	44.90	0.00

TRINITY_sp|O489(POLD1	DNA polymerase delt	44.90	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	44.90	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	44.90	0.00
TRINITY_sp|Q6DI5nme6	Nucleoside diphosph	44.90	0.00
TRINITY_sp|F4IVIGRV2	DnaJ homolog subfam	44.90	0.00
TRINITY_sp|Q9M0\MFDX1	Adrenodoxin-like pr	44.90	0.00
TRINITY_sp|Q8VZ\FIE2	Polycomb group prot	44.90	0.00
TRINITY_sp|Q54P\abcC8	ABC transporter C f	44.90	0.00
TRINITY_sp|P0C8\MCCRP1	Probable serine/thr	44.90	0.00
TRINITY_sp|Q6365Grk1	Rhodopsin kinase OS	44.90	0.00
TRINITY_sp|Q6265Ech1	Delta(3,5)-Delta(2,	44.90	0.00
TRINITY_sp|Q1RM\TRNAU1A	tRNA selenocysteine	44.90	0.00
TRINITY_sp|A9KH\lon	Lon protease OS=Clo	44.90	0.00
TRINITY_sp|P552(BRPF1	Peregrin OS=Homo sa	44.90	0.00
TRINITY_sp|O6545XCP1	Cysteine protease X	44.90	0.00
TRINITY_sp|Q7G18FIM1	Fimbrin-1 OS=Arabid	44.90	0.00
TRINITY_sp|P5287Tmem165	Transmembrane prote	44.90	0.00
TRINITY_sp|Q8L7MTUN	UDP-glycosyltransfe	44.90	0.00
TRINITY_sp|Q9WTILypla2	Acyl-protein thioes	44.90	0.00
TRINITY_sp|Q7ZY\dcdf13	DDB1- and CUL4-asso	44.90	0.00
TRINITY_sp|Q6AY\Recq1	ATP-dependent DNA h	44.90	0.00
TRINITY_sp|Q9532MANBA	Beta-mannosidase OS	44.90	0.00
TRINITY_sp|Q9M2IACA11	Putative calcium-tr	44.90	0.00
TRINITY_sp|O9475ALG2	Alpha-1,3/1,6-manno	44.90	0.00
TRINITY_sp|Q9LJIM3KE1	MAP3K epsilon prote	44.90	0.00
TRINITY_sp|Q96F\TRMT61A	tRNA (adenine(58)-N	44.90	0.00
TRINITY_sp|F1QH\mical3a	Protein-methionine	44.90	0.00
TRINITY_sp|Q54N4clp1	Protein CLP1 homolo	44.90	0.00
TRINITY_sp|O0471MSH6	DNA mismatch repair	44.90	0.00
TRINITY_sp|Q55C5glkA	Probable serine/thr	44.90	0.00
TRINITY_sp|Q9VC\Udcr-1	Endoribonuclease Dc	44.90	0.00
TRINITY_sp|Q5AT\capdG	Acyl-CoA dehydrogen	44.90	0.00
TRINITY_sp|Q54P5cpnC	Copine-C OS=Dictyos	44.90	0.00
TRINITY_sp|O2226CKI1	Histidine kinase CK	44.90	0.00
TRINITY_sp|Q9LX\HIRA	Protein HIRA OS=Ara	44.90	0.00
TRINITY_sp|Q9P0IMARK1	Serine/threonine-pr	44.90	0.00
TRINITY_sp|Q76N\dyrk1	Probable serine/thr	44.90	0.00
TRINITY_sp|Q9VY\Bap60	Brahma-associated p	44.90	0.00
TRINITY_sp|P7362sll11770	Uncharacterized pro	44.90	0.00
TRINITY_sp|Q8BW\Kdm4a	Lysine-specific dem	44.90	0.00
TRINITY_sp|Q7TM\Narf1	Cytosolic Fe-S clus	44.90	0.00
TRINITY_sp|Q94K\ELIP2	Early light-induced	44.90	0.00
TRINITY_sp|P0432pol	Retrovirus-related	44.90	0.00
TRINITY_sp|Q6AX\Isg2012	Interferon-stimulat	44.90	0.00
TRINITY_sp|Q9M2\CSPL15	Squamosa promoter-b	44.90	0.00
TRINITY_sp|P2332-	Polyubiquitin OS=Eu	44.90	0.00
TRINITY_sp|Q9P6\Ippk15	Serine/threonine-pr	44.90	0.00
TRINITY_sp|Q9SJMEMB11	Membrin-11 OS=Arabi	44.90	0.00
TRINITY_sp|Q8WX\DNAH7	Dynein heavy chain	44.90	0.00
TRINITY_sp|Q9LM\TPS7	Probable alpha,alph	44.90	0.00
TRINITY_sp|O7445scw1	Cell wall integrity	44.90	0.00
TRINITY_sp|Q9SR\At3g0232	Probable tRNA (guan	44.90	0.00
TRINITY_sp|Q9ZG\pikAIII	Narbonolide/10-deox	44.90	0.00
TRINITY_sp|Q76N\ERD2	ER lumen protein-re	44.90	0.00
TRINITY_sp|Q9ZU\TOM3	Tobamovirus multipl	44.90	0.00
TRINITY_sp|Q395\ODA2	Dynein gamma chain,	44.90	0.00

TRINITY_sp|A4QN|ctdspl2k	CTD small phosphata	44.90	0.00
TRINITY_sp|P1201-	Cyclohexanone 1,2-m	44.80	0.00
TRINITY_sp|Q10GFNEK1	Serine/threonine-pr	44.80	0.00
TRINITY_sp|Q8R0|Trim31	E3 ubiquitin-protei	44.80	0.00
TRINITY_sp|Q9SF\FHA2	FHA domain-containi	44.80	0.00
TRINITY_sp|Q54G|phbA	Prohibitin-1, mitoc	44.80	0.00
TRINITY_sp|P341(pkgC	Protein kinase 3 OS	44.80	0.00
TRINITY_sp|Q5TJ|RING1	E3 ubiquitin-protei	44.80	0.00
TRINITY_sp|A6QR|USP4	Ubiquitin carboxyl-	44.80	0.00
TRINITY_sp|Q55D|gdt6	Probable inactive s	44.80	0.00
TRINITY_sp|Q01JI|SPL7	Squamosa promoter-b	44.80	0.00
TRINITY_sp|B8AJ|MRS2-I	Magnesium transport	44.80	0.00
TRINITY_sp|Q9XY|noxA	Superoxide-generati	44.80	0.00
TRINITY_sp|P295|-	Eukaryotic translat	44.80	0.00
TRINITY_sp|Q54P|4c12	Probable 4-coumarat	44.80	0.00
TRINITY_sp|Q8W2|DXR	1-deoxy-D-xylulose	44.80	0.00
TRINITY_sp|C0LGN|LRR-RLK	Probable leucine-ri	44.80	0.00
TRINITY_sp|Q9NR|DDX21	Nucleolar RNA helic	44.80	0.00
TRINITY_sp|Q230|KAB1	Probable voltage-ga	44.80	0.00
TRINITY_sp|Q8LP|DMT105	DNA (cytosine-5)-me	44.80	0.00
TRINITY_sp|Q7V6|uppS	Isoprenyl transfera	44.80	0.00
TRINITY_sp|A7SN|v1g2305	UPF0553 protein vlg	44.80	0.00
TRINITY_sp|Q99L|Usp16	Ubiquitin carboxyl-	44.80	0.00
TRINITY_sp|Q9FM|ICMTA	Protein-S-isoprenyl	44.80	0.00
TRINITY_sp|F4KB|IAAE17	Probable acyl-activ	44.80	0.00
TRINITY_sp|Q54Y|mvd	Diphosphomevalonate	44.80	0.00
TRINITY_sp|Q9SL|Os05g01	Importin subunit al	44.80	0.00
TRINITY_sp|Q0VC|PQLC1	PQ-loop repeat-cont	44.80	0.00
TRINITY_sp|Q94J|WLIM1	LIM domain-containi	44.80	0.00
TRINITY_sp|Q8BK|Pdhx	Pyruvate dehydrogen	44.80	0.00
TRINITY_sp|Q7XR|YSL6	Probable metal-nico	44.80	0.00
TRINITY_sp|Q9X3|topA	DNA topoisomerase 1	44.80	0.00
TRINITY_sp|Q54T|drkD	Probable serine/thr	44.80	0.00
TRINITY_sp|Q6ZM|EML6	Echinoderm microtub	44.80	0.00
TRINITY_sp|Q9SH|IRRP44A	Exosome complex exo	44.80	0.00
TRINITY_sp|Q9V9|CG30152	MIP18 family protei	44.80	0.00
TRINITY_sp|Q652|CYP28	Peptidyl-prolyl cis	44.80	0.00
TRINITY_sp|Q0VC|TMEM65	Transmembrane prote	44.80	0.00
TRINITY_sp|Q69VI|Os06g05	Probable protein ph	44.80	0.00
TRINITY_sp|P468|KLP1	Kinesin-like protei	44.80	0.00
TRINITY_sp|Q8IC|CPK2	Calcium-dependent p	44.80	0.00
TRINITY_sp|P412|Abca2	ATP-binding cassett	44.80	0.00
TRINITY_sp|P227|Gucylb2	Guanylate cyclase s	44.80	0.00
TRINITY_sp|P0C6|Dnah2	Dynein heavy chain	44.80	0
TRINITY_sp|F4I7|ALAAT1	Alanine aminotransf	44.80	0.00
TRINITY_sp|Q010|PDE1B	Calcium/calmodulin-	44.80	0.00
TRINITY_sp|A1A5|usp47	Ubiquitin carboxyl-	44.70	0.00
TRINITY_sp|P490|-	Cytochrome b5 OS=Ni	44.70	0.00
TRINITY_sp|P462|At3g558	(Sedoheptulose-1,7-b	44.70	0.00
TRINITY_sp|Q5UQ|MIMI_L5	Putative ADP-ribosy	44.70	0.00
TRINITY_sp|P426|DRT111	DNA-damage-repair/t	44.70	0.00
TRINITY_sp|Q3MI|PUS10	Putative tRNA pseud	44.70	0.00
TRINITY_sp|Q9ST|VPS29	Vacuolar protein so	44.70	0.00
TRINITY_sp|Q6PIV|FIGNL1	Fidgetin-like prote	44.70	0.00
TRINITY_sp|Q550|DDB_G02	Protein TAPT1 homol	44.70	0.00
TRINITY_sp|A2BE|arid3a	AT-rich interactive	44.70	0.00

TRINITY_sp|Q9BIH0464.9	Probable protein ph	44.70	0.00
TRINITY_sp|Q1362CUL4B	Cullin-4B OS=Homo s	44.70	0.00
TRINITY_sp|Q9FG6EB1C	Microtubule-associa	44.70	0.00
TRINITY_sp|Q3949VH-PTP13	Dual specificity pr	44.70	0.00
TRINITY_sp|Q86H3polr1a	DNA-directed RNA po	44.70	0.00
TRINITY_sp|Q3TUIYeats2	YEATS domain-contai	44.70	0.00
TRINITY_sp|Q5F44GPR89	Golgi pH regulator	44.70	0.00
TRINITY_sp|F4NU6TRM5	tRNA (guanine(37)-N	44.70	0.00
TRINITY_sp|Q8GW1PMRT15	Protein arginine N-	44.70	0.00
TRINITY_sp|Q28B3c2cd5	C2 domain-contains	44.70	0.00
TRINITY_sp|Q6UK6pirA	Protein pirA OS=Dic	44.70	0.00
TRINITY_sp|Q8LP5LACS6	Long chain acyl-CoA	44.70	0.00
TRINITY_sp|Q54T7mrkC	Probable serine/thr	44.70	0.00
TRINITY_sp|P2577Os04g065	Oryzain alpha chain	44.70	0.00
TRINITY_sp|Q8LP6BTS	Zinc finger protein	44.70	0.00
TRINITY_sp|Q8VZ1PAS2	Very-long-chain (3R	44.70	0.00
TRINITY_sp|Q9SB6At4g2473	Manganese-dependent	44.70	0.00
TRINITY_sp|Q2424sw	Cytoplasmic dynein	44.70	0.00
TRINITY_sp|Q7T07rhbg	Ammonium transporte	44.70	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	44.70	0.00
TRINITY_sp|Q5NC1Trappc1	Trafficking protein	44.70	0.00
TRINITY_sp|Q8BY1Rdh12	Retinol dehydrogena	44.70	0.00
TRINITY_sp|Q3762ND4L	NADH-ubiquinone oxi	44.70	0.00
TRINITY_sp|Q8WX3DNAH7	Dynein heavy chain	44.70	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	44.70	0.00
TRINITY_sp|Q9WU6Spint2	Kunitz-type proteas	44.70	0.00
TRINITY_sp|Q9LT2MED35C	Pre-mRNA-processing	44.70	0.00
TRINITY_sp|P4115HSFA1A	Heat stress transcr	44.70	0.00
TRINITY_sp|Q9ZP1PPOX2	Pyridoxine/pyridoxa	44.70	0.00
TRINITY_sp|Q55G6DDB_G026	UPF0160 protein OS=	44.70	0.00
TRINITY_sp|Q54V6odhA	Probable 2-oxogluta	44.70	0.00
TRINITY_sp|Q6DN1MCTP1	Multiple C2 and tra	44.70	0.00
TRINITY_sp|Q8LB1CLPR4	ATP-dependent Clp p	44.70	0.00
TRINITY_sp|A2ZV6FTSH9	ATP-dependent zinc	44.70	0.00
TRINITY_sp|Q8GY6APX6	Putative L-ascorbat	44.70	0.00
TRINITY_sp|Q8VY1PFK5	ATP-dependent 6-pho	44.70	0.00
TRINITY_sp|Q3Y41ckk-1	Calcium/calmodulin-	44.70	0.00
TRINITY_sp|Q9LM1PAPS1	Nuclear poly(A) pol	44.70	0.00
TRINITY_sp|Q8L85PIP5K9	Phosphatidylinosito	44.70	0.00
TRINITY_sp|P9251AtMg0081	Uncharacterized mit	44.70	0.00
TRINITY_sp|P0432pol	Retrovirus-related	44.70	0.00
TRINITY_sp|Q6DD3cep76	Centrosomal protein	44.70	0.00
TRINITY_sp|P5271CBP31	Serine carboxypepti	44.60	0.00
TRINITY_sp|Q6ZNIACP7	Acid phosphatase ty	44.60	0.00
TRINITY_sp|Q94A4At1g6202	Coatomer subunit al	44.60	0.00
TRINITY_sp|Q9V85lack	E3 ubiquitin-protei	44.60	0.00
TRINITY_sp|Q9Y66KPTN	Kaptin OS=Homo sapi	44.60	0.00
TRINITY_sp|Q02A1thrB	Homoserine kinase O	44.60	0.00
TRINITY_sp|P3412coaA	Coactosin OS=Dictyo	44.60	0.00
TRINITY_sp|Q9CB6RABF1	Ras-related protein	44.60	0.00
TRINITY_sp|Q54R1DDB_G028	NuA4 complex subuni	44.60	0.00
TRINITY_sp|Q54M1fhkD	Probable serine/thr	44.60	0.00
TRINITY_sp|Q8R31Cluap1	Clusterin-associate	44.60	0.00
TRINITY_sp|Q5UP6MIMI_L92	Putative ankyrin re	44.60	0.00
TRINITY_sp|Q9LJ6At3g2248	Probable prefoldin	44.60	0.00
TRINITY_sp|Q9WY6TM_0508	Uncharacterized pro	44.60	0.00

TRINITY_sp|Q5ZKIFACSBG2	Long-chain-fatty-ac	44.60	0.00
TRINITY_sp|O6509PFC1	Ribosomal RNA small	44.60	0.00
TRINITY_sp|Q5HJ1Jdus	Probable tRNA-dihyd	44.60	0.00
TRINITY_sp|P4276CLPD	Chaperone protein C	44.60	0.00
TRINITY_sp|Q8DW1pth	Peptidyl-tRNA hydro	44.60	0.00
TRINITY_sp|Q24C2RPL14	60S ribosomal prote	44.60	0.00
TRINITY_sp|Q54BVcpras2	Circularly permutat	44.60	0.00
TRINITY_sp|P2002ATP2B1	Plasma membrane cal	44.60	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	44.60	0.00
TRINITY_sp|O810(EMB2001	GTP-binding protein	44.60	0.00
TRINITY_sp|Q8H85Os03g022	Coatomer subunit ga	44.60	0.00
TRINITY_sp|Q89E7cobB2	NAD-dependent prote	44.60	0.00
TRINITY_sp|Q94J5At3g4947	Nascent polypeptide	44.60	0.00
TRINITY_sp|P2525-	Cysteine proteinase	44.60	0.00
TRINITY_sp|O1882AOAH	Acyloxyacyl hydroly	44.60	0.00
TRINITY_sp|B4S4imenD	2-succinyl-5-enolpy	44.60	0.00
TRINITY_sp|A1RYIproS	Proline--tRNA ligas	44.60	0.00
TRINITY_sp|Q2LAFASHH2	Histone-lysine N-me	44.60	0.00
TRINITY_sp|Q9S33pcrA	ATP-dependent DNA h	44.60	0.00
TRINITY_sp|B8BD\LON1	Lon protease homolo	44.60	0.00
TRINITY_sp|Q54BMDDDB_G029	UPF0652 protein OS=	44.60	0.00
TRINITY_sp|P4964PRIM2	DNA primase large s	44.60	0.00
TRINITY_sp|Q9M81DSPTP1B	Dual specificity pr	44.60	0.00
TRINITY_sp|Q7XJ9GAS8	Growth arrest-speci	44.60	0.00
TRINITY_sp|Q9Y7Fset1	Histone-lysine N-me	44.60	0.00
TRINITY_sp|O4264prp22	Pre-mRNA-splicing f	44.60	0.00
TRINITY_sp|O5031bchH	Magnesium-chelatase	44.60	0.00
TRINITY_sp|Q54M7commd6	COMM domain-contain	44.60	0.00
TRINITY_sp|Q54T7mrkC	Probable serine/thr	44.60	0.00
TRINITY_sp|Q9FR5TOR	Serine/threonine-pr	44.60	0.00
TRINITY_sp|Q9Y23CDYL	Chromodomain Y-like	44.60	0.00
TRINITY_sp|Q9Y23ARL2BP	ADP-ribosylation fa	44.60	0.00
TRINITY_sp|Q54JFogdh	2-oxoglutarate dehy	44.60	0.00
TRINITY_sp|Q2255dvc-1	SprT-like domain-co	44.60	0.00
TRINITY_sp|Q6IN(flad1	FAD synthase OS=Xen	44.60	0.00
TRINITY_sp|Q11H(rplP	50S ribosomal prote	44.60	0.00
TRINITY_sp|F4HX1PLA1	Phospholipase A I O	44.60	0.00
TRINITY_sp|Q9FJ7TOP1B	DNA topoisomerase 1	44.60	0.00
TRINITY_sp|Q9XF1SR30	Serine/arginine-ric	44.60	0.00
TRINITY_sp|P707(Atp8a1	Phospholipid-transp	44.60	0.00
TRINITY_sp|Q0492GTB1	Glucosidase 2 subun	44.60	0.00
TRINITY_sp|O6225F45G2.1	(MIP18 family protei	44.60	0.00
TRINITY_sp|Q69Q(DPE2	4-alpha-glucanotran	44.60	0.00
TRINITY_sp|P4975VPS41	Vacuolar protein so	44.60	0.00
TRINITY_sp|Q54ZFsrpra	Signal recognition	44.60	0.00
TRINITY_sp|O6026SMARCA5	SWI/SNF-related mat	44.60	0.00
TRINITY_sp|Q9BW(SLC4A1AI	Kanadaptin OS=Homo	44.60	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	44.60	0.00
TRINITY_sp|B8BM1OsI_3745	Pyruvate kinase 2,	44.60	0.00
TRINITY_sp|P0446(-	Calmodulin OS=Triti	44.60	0.00
TRINITY_sp|Q9096RAB2A	Ras-related protein	44.50	0.00
TRINITY_sp|Q3892IPP1	Isopentenyl-diphosp	44.50	0.00
TRINITY_sp|O9451SPBC646	Putative enoyl redu	44.50	0.00
TRINITY_sp|Q3957YPTC1	GTP-binding protein	44.50	0.00
TRINITY_sp|Q9LS(SAMDC3	S-adenosylmethionin	44.50	0.00
TRINITY_sp|Q54L(gghA	Gamma-glutamyl hydr	44.50	0.00

TRINITY_sp|B8G4|info	Probable endonuclea	44.50	0.00
TRINITY_sp|Q8L3|FZR2	Protein FIZZY-RELAT	44.50	0.00
TRINITY_sp|P546|pkbA	RAC family serine/t	44.50	0.00
TRINITY_sp|Q110|tag-320	Probable protein di	44.50	0.00
TRINITY_sp|P623|CPK1	Calcium-dependent p	44.50	0.00
TRINITY_sp|P623|CPK1	Calcium-dependent p	44.50	0.00
TRINITY_sp|Q9VX|DENR	Density-regulated p	44.50	0.00
TRINITY_sp|P126|YPK1	Serine/threonine-pr	44.50	0.00
TRINITY_sp|Q9W5|Ns3	Large subunit GTPas	44.50	0.00
TRINITY_sp|P043|pol	Retrovirus-related	44.50	0.00
TRINITY_sp|Q9M3|HMA1	Probable cadmium/zi	44.50	0.00
TRINITY_sp|Q5NT|SK2	Shikimate kinase 2,	44.50	0.00
TRINITY_sp|Q96N|RDH12	Retinol dehydrogena	44.50	0.00
TRINITY_sp|Q924|Rad51c	DNA repair protein	44.50	0.00
TRINITY_sp|Q8N5|AADAT	Kynurenine/alpha-am	44.50	0.00
TRINITY_sp|Q8H0|VLP A3	Protein LOW PSII AC	44.50	0.00
TRINITY_sp|Q8L5|5FCL	5-formyltetrahydrof	44.50	0.00
TRINITY_sp|Q1XD|ycf52	Uncharacterized N-a	44.50	0.00
TRINITY_sp|Q4PE|SEC23	Protein transport p	44.50	0.00
TRINITY_sp|Q0JL|Os01g061	DEAD-box ATP-depend	44.50	0.00
TRINITY_sp|Q7TX|nudC	NADH pyrophosphatas	44.50	0.00
TRINITY_sp|Q9FM|At5g1405	U3 small nucleolar	44.50	0.00
TRINITY_sp|Q9PU|copg2	Coatomer subunit ga	44.50	0.00
TRINITY_sp|P552|GUCY2C	Heat-stable enterot	44.50	0.00
TRINITY_sp|Q5VQ|Os06g014	Coatomer subunit be	44.50	0.00
TRINITY_sp|O748|esf1	Pre-rRNA-processing	44.50	0.00
TRINITY_sp|P610|RAB4B	Ras-related protein	44.50	0.00
TRINITY_sp|O803|MKK3	Mitogen-activated p	44.50	0.00
TRINITY_sp|Q7X6|VPS35A	Vacuolar protein so	44.50	0.00
TRINITY_sp|C4YK|RAS1	Ras-like protein 1	44.40	0.00
TRINITY_sp|Q6T4|rbrA	Probable E3 ubiquit	44.40	0.00
TRINITY_sp|Q9ZV|OBAP1A	Oil body-associated	44.40	0.00
TRINITY_sp|Q05A|Sdr16c6	Short-chain dehydro	44.40	0.00
TRINITY_sp|Q86A|polr3a	DNA-directed RNA po	44.40	0.00
TRINITY_sp|Q9XG|At5g2601	Probable protein ph	44.40	0.00
TRINITY_sp|Q55C|mp11	MAP kinase phosphat	44.40	0.00
TRINITY_sp|Q6DF|ttc37	Tetratricopeptide r	44.40	0.00
TRINITY_sp|Q9UB|DNAJB9	DnaJ homolog subfam	44.40	0.00
TRINITY_sp|Q394|RAB1BV	Ras-related protein	44.40	0.00
TRINITY_sp|Q9M3|AGD6	Probable ADP-ribosy	44.40	0.00
TRINITY_sp|Q909|RAB2A	Ras-related protein	44.40	0.00
TRINITY_sp|Q9NU|TBC1D22E	TBC1 domain family	44.40	0.00
TRINITY_sp|Q54Y|mp13	MAP kinase phosphat	44.40	0.00
TRINITY_sp|Q54T|vpdkA	Probable serine/thr	44.40	0.00
TRINITY_sp|Q082|MED7	Mediator of RNA pol	44.40	0.00
TRINITY_sp|Q395|ODA2	Dynein gamma chain,	44.40	0.00
TRINITY_sp|Q9WY|TM_0508	Uncharacterized pro	44.40	0.00
TRINITY_sp|P982|Atp8a2	Phospholipid-transp	44.40	0.00
TRINITY_sp|P328|SCPL49	Serine carboxypepti	44.40	0.00
TRINITY_sp|Q9ZV|PAHX	Phytanoyl-CoA dioxy	44.40	0.00
TRINITY_sp|Q3EA|ZIFL2	Probable peptide/ni	44.40	0.00
TRINITY_sp|Q8MJ|SPG21	Masparidin OS=Bos ta	44.40	0.00
TRINITY_sp|O751|ATP9A	Probable phospholip	44.40	0.00
TRINITY_sp|Q6P3|NEK5	Serine/threonine-pr	44.40	0.00
TRINITY_sp|Q8T6|abcG20	ABC transporter G f	44.40	0.00
TRINITY_sp|Q54R|DDB_G02E	Probable iron/ascor	44.40	0.00

TRINITY_sp|P5932Eif5	Eukaryotic translat	44.40	0.00
TRINITY_sp|Q5ZLVNSUN2	tRNA (cytosine(34)-	44.40	0.00
TRINITY_sp|Q6MA0rlmH	Ribosomal RNA large	44.40	0.00
TRINITY_sp|Q5M72At3g5226	RNA pseudouridine s	44.40	0.00
TRINITY_sp|Q96N2CAMK1G	Calcium/calmodulin-	44.40	0.00
TRINITY_sp|Q498Esmarcal1	SWI/SNF-related mat	44.40	0.00
TRINITY_sp|A2YFFHK1	Probable histidine	44.40	0.00
TRINITY_sp|P0AD1ygiC	Putative acid--amin	44.40	0.00
TRINITY_sp|Q9M72CITRX	Thioredoxin-like pr	44.40	0.00
TRINITY_sp|Q6GQ2slc35b1	Solute carrier fami	44.40	0.00
TRINITY_sp|Q6402wdr82-a	WD repeat-containin	44.40	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	44.40	0.00
TRINITY_sp|A8HNVRSF14	Radial spoke protei	44.40	0.00
TRINITY_sp|Q5D1IGBP1	Guanylate-binding p	44.40	0.00
TRINITY_sp|Q9CA4NUDT1	Nudix hydrolase 1 O	44.40	0.00
TRINITY_sp|Q54Dftaf1	Transcription initi	44.40	0.00
TRINITY_sp|P1536rpa1	DNA-directed RNA po	44.40	0.00
TRINITY_sp|P4706PRY1	Protein PRY1 OS=Sac	44.40	0.00
TRINITY_sp|Q5RJUsnf8	Vacuolar-sorting pr	44.40	0.00
TRINITY_sp|Q0314Epha2	Ephrin type-A recep	44.40	0.00
TRINITY_sp|B7IFEdnaJ	Chaperone protein D	44.40	0.00
TRINITY_sp|Q9ZR7ABCB1	ABC transporter B f	44.40	0.00
TRINITY_sp|P0987PARP1	Poly [ADP-ribose] p	44.40	0.00
TRINITY_sp|Q921VChmp1a	Charged multivesicu	44.40	0.00
TRINITY_sp|Q9SK1VPS2.1	Vacuolar protein so	44.40	0.00
TRINITY_sp|B1XJ2rplR	50S ribosomal prote	44.40	0.00
TRINITY_sp|Q9R10LIPE	Hormone-sensitive l	44.40	0.00
TRINITY_sp|Q93Y6RPN7	26S proteasome non-	44.40	0.00
TRINITY_sp|Q9M57PEAMT	Phosphoethanolamine	44.40	0.00
TRINITY_sp|Q1382GNL2	Nucleolar GTP-bindi	44.40	0.00
TRINITY_sp|Q9T0IH5FB2B	Heat stress transcr	44.40	0.00
TRINITY_sp|Q4R8IGNL1	Guanine nucleotide-	44.40	0.00
TRINITY_sp|P3655CPOX	Oxygen-dependent co	44.40	0.00
TRINITY_sp|Q9FLMVHA-e1	V-type proton ATPas	44.40	0.00
TRINITY_sp|Q9HEF2E4.130	Regulator of nonsen	44.40	0.00
TRINITY_sp|Q9LZ2ABCC14	ABC transporter C f	44.40	0.00
TRINITY_sp|Q55B2pctA	Ethanolamine-phosph	44.40	0.00
TRINITY_sp|P0051PRKAR1A	cAMP-dependent prot	44.40	0.00
TRINITY_sp|P5195NEK4	Serine/threonine-pr	44.40	0.00
TRINITY_sp|P5195NEK4	Serine/threonine-pr	44.40	0.00
TRINITY_sp|Q4FE4XBAT35	Putative E3 ubiquit	44.40	0.00
TRINITY_sp|Q86C6atg1	Serine/threonine-pr	44.40	0.00
TRINITY_sp|Q9SL2Os05g015	Importin subunit al	44.40	0.00
TRINITY_sp|Q1048pnu1	Nuclease 1, mitoch	44.40	0.00
TRINITY_sp|Q551Hfray2	Serine/threonine-pr	44.40	0.00
TRINITY_sp|A6N62Wdr35	WD repeat-containin	44.40	0.00
TRINITY_sp|Q9SF1CCT7	T-complex protein 1	44.40	0.00
TRINITY_sp|P8295-	Horcolin OS=Hordeum	44.40	0.00
TRINITY_sp|B8AR6SRT1	NAD-dependent prote	44.40	0.00
TRINITY_sp|P1103NIA2	Nitrate reductase [	44.30	0.00
TRINITY_sp|P3735rpiB	Ribose-5-phosphate	44.30	0.00
TRINITY_sp|Q9UPNB9D1	B9 domain-containin	44.30	0.00
TRINITY_sp|P4727ychF	Ribosome-binding AT	44.30	0.00
TRINITY_sp|C1DS6pyrG	CTP synthase OS=Azo	44.30	0.00
TRINITY_sp|O4945At4g2844	Uncharacterized pro	44.30	0.00
TRINITY_sp|A6WX2ubiG	Ubiquinone biosynth	44.30	0.00

TRINITY_sp|Q8ICFCPK2	Calcium-dependent p	44.30	0.00
TRINITY_sp|P0CS(TRM61	tRNA (adenine(58)-N	44.30	0.00
TRINITY_sp|Q7RVMNCU0834	(ADP-ribosylation fa	44.30	0.00
TRINITY_sp|A5N6MdnaJ	Chaperone protein D	44.30	0.00
TRINITY_sp|Q56WISCPL48	Serine carboxypepti	44.30	0.00
TRINITY_sp|Q3UHFSlc2a13	Proton myo-inositol	44.30	0.00
TRINITY_sp|Q140JCAMK1	Calcium/calmodulin-	44.30	0.00
TRINITY_sp|Q9C0(DNAH6	Dynein heavy chain	44.30	0.00
TRINITY_sp|P470(PRY1	Protein PRY1 OS=Sac	44.30	0.00
TRINITY_sp|Q68E(INTS3	Integrator complex	44.30	0.00
TRINITY_sp|Q043(RPC11	DNA-directed RNA po	44.30	0.00
TRINITY_sp|Q86A(SDB_G02	Probable helicase D	44.30	0.00
TRINITY_sp|Q9SEIDEGP5	Protease Do-like 5,	44.30	0.00
TRINITY_sp|O139(rrp40	Exosome complex com	44.30	0.00
TRINITY_sp|Q54NiscrA	Protein SCAR OS=Dic	44.30	0.00
TRINITY_sp|Q85FVdnaK	Chaperone protein d	44.30	0.00
TRINITY_sp|B5YF(Lon	Lon protease OS=Dic	44.30	0.00
TRINITY_sp|Q5F3(HCCS	Cytochrome c-type h	44.30	0.00
TRINITY_sp|F4HP(LIG6	DNA ligase 6 OS=Ara	44.30	0.00
TRINITY_sp|Q550(FctxB	Cortexillin-2 OS=Di	44.30	0.00
TRINITY_sp|P360(YKL069W	Free methionine-R-s	44.30	0.00
TRINITY_sp|P056(sacC	Levanase OS=Bacillu	44.30	0.00
TRINITY_sp|Q9V5(Cyp4p2	Probable cytochrome	44.30	0.00
TRINITY_sp|Q0J7(MOs08g01	Phosphopantothenate	44.30	0.00
TRINITY_sp|Q9FN(POLL	DNA polymerase lamb	44.30	0.00
TRINITY_sp|Q1LV(selo	Selenoprotein O OS=	44.30	0.00
TRINITY_sp|P464(GST1	Glutathione S-trans	44.30	0.00
TRINITY_sp|Q8BI(Cstf2	Cleavage stimulatio	44.30	0.00
TRINITY_sp|Q54W(SDB_G02	Probable protein ph	44.30	0.00
TRINITY_sp|Q9SJ(SAE2	SUMO-activating enz	44.30	0.00
TRINITY_sp|Q9FZ(KINUA	Kinesin-like protei	44.30	0.00
TRINITY_sp|Q9FM(At5g629	GDSL esterase/lipas	44.30	0.00
TRINITY_sp|Q9SL(At2g200	Protein phosphatase	44.30	0.00
TRINITY_sp|Q8S4(SQD2	Sulfoquinovosyl tra	44.30	0.00
TRINITY_sp|Q9FW(AVPL2	Pyrophosphate-energ	44.30	0.00
TRINITY_sp|Q54I(upf1	Regulator of nonsen	44.30	0.00
TRINITY_sp|Q5W6(MAN5	Putative mannan end	44.30	0.00
TRINITY_sp|F4HT(GCS1	Mannosyl-oligosacch	44.30	0.00
TRINITY_sp|P936(LON1	Lon protease homolo	44.30	0.00
TRINITY_sp|Q28I(dnajb14	DnaJ homolog subfam	44.30	0.00
TRINITY_sp|Q8S9(ATG4A	Cysteine protease A	44.30	0.00
TRINITY_sp|Q9LF(SMC5	Structural maintena	44.30	0.00
TRINITY_sp|Q9ST(ICEP2	KDEL-tailed cystein	44.30	0.00
TRINITY_sp|Q7XA(ABCG21	ABC transporter G f	44.30	0.00
TRINITY_sp|Q9LY(CSP41A	Chloroplast stem-lo	44.30	0.00
TRINITY_sp|Q9P2(HIFT80	Intraflagellar tran	44.30	0.00
TRINITY_sp|B2B3(Pa_6_65	Very-long-chain 3-o	44.30	0.00
TRINITY_sp|P405(NEO1	Probable phospholip	44.20	0.00
TRINITY_sp|Q58E(hibch	3-hydroxyisobutyryl	44.20	0.00
TRINITY_sp|Q2TA(PRCP	Lysosomal Pro-X car	44.20	0.00
TRINITY_sp|Q149(Irpusd2	RNA pseudouridylate	44.20	0.00
TRINITY_sp|Q8LG(ABCC8	ABC transporter C f	44.20	0.00
TRINITY_sp|P453(Akr1b8	Aldose reductase-re	44.20	0.00
TRINITY_sp|Q6GL(desil	Desumoylating isope	44.20	0.00
TRINITY_sp|Q2RA(CYCT1-3	Cyclin-T1-3 OS=Oryz	44.20	0.00
TRINITY_sp|Q54U(dhkA	Hybrid signal trans	44.20	0.00

TRINITY_sp|P3719NUP62	Nuclear pore glycop	44.20	0.00
TRINITY_sp|Q8T16gnt1	[Skp1-protein]-hydr	44.20	0.00
TRINITY_sp|Q1676MAN2A1	Alpha-mannosidase 2	44.20	0.00
TRINITY_sp|P2236SCP2	Non-specific lipid-	44.20	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	44.20	0.00
TRINITY_sp|O0854Sec22b	Vesicle-trafficking	44.20	0.00
TRINITY_sp|Q9H96USP42	Ubiquitin carboxyl-	44.20	0.00
TRINITY_sp|Q54Y6tcea1	Transcription elong	44.20	0.00
TRINITY_sp|Q9416GONST1	GDP-mannose transpo	44.20	0.00
TRINITY_sp|Q5XI6atp6v1c1	V-type proton ATPas	44.20	0.00
TRINITY_sp|Q54M6ndufa12	NADH dehydrogenase	44.20	0.00
TRINITY_sp|Q9436SRP19	Signal recognition	44.20	0.00
TRINITY_sp|Q9UG6PISD	Phosphatidylserine	44.20	0.00
TRINITY_sp|C5PC6CPC735_	(Putative dipeptidas	44.20	0.00
TRINITY_sp|P4256erka	Extracellular signa	44.20	0.00
TRINITY_sp|Q8LF6GRXC4	Glutaredoxin-C4 OS=	44.20	0.00
TRINITY_sp|Q9LZ6IRABE1D	Ras-related protein	44.20	0.00
TRINITY_sp|P6236CPK4	Calcium-dependent p	44.20	0.00
TRINITY_sp|P3276AFG2	ATPase family gene	44.20	0.00
TRINITY_sp|O0716regX3	Sensory transductio	44.20	0.00
TRINITY_sp|Q5F46PAN2	PAB-dependent poly(	44.20	0.00
TRINITY_sp|O6036AQR	Intron-binding prot	44.20	0.00
TRINITY_sp|Q8S96DIVARIC7	Transcription facto	44.20	0.00
TRINITY_sp|Q9VB6Clbn	Nuclear export medi	44.20	0.00
TRINITY_sp|P4196-	GTP-binding nuclear	44.20	0.00
TRINITY_sp|B8BM6OsI_3746	Pyruvate kinase 2,	44.20	0.00
TRINITY_sp|Q2HJ6FAHD1	Acylpyruvase FAHD1,	44.20	0.00
TRINITY_sp|Q8AW6rnf128	E3 ubiquitin-protei	44.20	0.00
TRINITY_sp|Q70I6hdaH	Histone deacetylase	44.20	0.00
TRINITY_sp|Q4606PARP15	Poly [ADP-ribose] p	44.20	0.00
TRINITY_sp|A8JB6ECHLREDR7	Pescadillo homolog	44.20	0.00
TRINITY_sp|Q9D06Wdsub1	WD repeat, SAM and	44.20	0.00
TRINITY_sp|Q9LT6CBSDUF5	DUF21 domain-contai	44.20	0.00
TRINITY_sp|Q54B6abcB1	ABC transporter B f	44.20	0.00
TRINITY_sp|Q94A6SRT2	NAD-dependent prote	44.20	0.00
TRINITY_sp|Q1266OLE1	Acyl-CoA desaturase	44.20	0.00
TRINITY_sp|Q4076RGP2	Ras-related protein	44.20	0.00
TRINITY_sp|Q54N6leuS	Leucine--tRNA ligas	44.20	0.00
TRINITY_sp|A2YH6OsI_0236	Serine/threonine-pr	44.20	0.00
TRINITY_sp|Q8RW6SRL1	Pre-mRNA splicing f	44.20	0.00
TRINITY_sp|B8DZ6iscS	Cysteine desulfuras	44.20	0.00
TRINITY_sp|Q3SX6PUS3	tRNA pseudouridine(	44.20	0.00
TRINITY_sp|Q9VW6CG6179	Nitric oxide syntha	44.20	0.00
TRINITY_sp|Q86C6atg1	Serine/threonine-pr	44.20	0.00
TRINITY_sp|Q96G6IRNF185	E3 ubiquitin-protei	44.20	0.00
TRINITY_sp|P5396SUB1	Activated RNA polym	44.20	0.00
TRINITY_sp|Q7XA6DODA	4,5-DOPA dioxygenas	44.20	0.00
TRINITY_sp|Q6C46IDBP2	ATP-dependent RNA h	44.20	0.00
TRINITY_sp|P5436Lipe	Hormone-sensitive l	44.20	0.00
TRINITY_sp|B9FD6ALN	Probable allantoina	44.20	0.00
TRINITY_sp|Q69L6PNP1	Probable polyribonu	44.20	0.00
TRINITY_sp|Q9M36ATX3	Histone-lysine N-me	44.20	0.00
TRINITY_sp|Q54D6fdft	Squalene synthase O	44.20	0.00
TRINITY_sp|Q9KW6pyc	Pyruvate carboxylas	44.20	0.00
TRINITY_sp|Q84M6ABCA1	ABC transporter A f	44.20	0.00
TRINITY_sp|G5EE6(daf-18	Phosphatidylinosito	44.20	0.00

TRINITY_sp|P0C57-	3'(2'),5'-bisphosph	44.20	0.00
TRINITY_sp|P2587chca	Clathrin heavy chain	44.20	0
TRINITY_sp|O2446RABE1A	Ras-related protein	44.10	0.00
TRINITY_sp|Q9VIFCG2614	Methyltransferase-1	44.10	0.00
TRINITY_sp|Q8R1FHid1	Protein HID1 OS=Mus	44.10	0.00
TRINITY_sp|P5344CTN	Caltractin OS=Naegl	44.10	0.00
TRINITY_sp|Q5AH7CHK1	Histidine protein k	44.10	0.00
TRINITY_sp|Q54M4pigC	Putative phosphatid	44.10	0.00
TRINITY_sp|Q9FR5TOR	Serine/threonine-pr	44.10	0.00
TRINITY_sp|D3Z61Pdia2	Protein disulfide-i	44.10	0.00
TRINITY_sp|Q9US1rnh1	Ribonuclease H OS=S	44.10	0.00
TRINITY_sp|Q0CC3gedE	Glutathione S-trans	44.10	0.00
TRINITY_sp|B5XAMmrpl58	Peptidyl-tRNA hydro	44.10	0.00
TRINITY_sp|P4778THOP1	Thimet oligopeptida	44.10	0.00
TRINITY_sp|B9G3MKIN7I	Kinesin-like protei	44.10	0.00
TRINITY_sp|Q9SF6RABE1E	Ras-related protein	44.10	0.00
TRINITY_sp|P9166(1(2)0365	Probable multidrug	44.10	0.00
TRINITY_sp|Q95V7carmil	Protein CARMIL OS=D	44.10	0.00
TRINITY_sp|Q8C17Abhd18	Protein ABHD18 OS=M	44.10	0.00
TRINITY_sp|B0SH1def	Peptide deformylase	44.10	0.00
TRINITY_sp|Q8H85Os03g022	Coatomer subunit ga	44.10	0.00
TRINITY_sp|Q54JFabcc3	ABC transporter C f	44.10	0.00
TRINITY_sp|Q1502EXOSC7	Exosome complex com	44.10	0.00
TRINITY_sp|Q6I62PSS2	CDP-diacylglycerol-	44.10	0.00
TRINITY_sp|F4J77PPD7	PsbP domain-contain	44.10	0.00
TRINITY_sp|Q5842MJ1023	Uncharacterized ABC	44.10	0.00
TRINITY_sp|P1134Qdpr	Dihydropteridine re	44.10	0.00
TRINITY_sp|O2249GSH2	Glutathione synthet	44.10	0.00
TRINITY_sp|Q1045gsk3	Protein kinase gsk3	44.10	0.00
TRINITY_sp|Q8RWFAt5g1196	Probable magnesium	44.10	0.00
TRINITY_sp|P3508polr2a	DNA-directed RNA po	44.10	0
TRINITY_sp|P0258TNNC2	Troponin C, skeleta	44.10	0.00
TRINITY_sp|O6761acpP	Acyl carrier protei	44.10	0.00
TRINITY_sp|O0091dstA	Signal transducer a	44.10	0.00
TRINITY_sp|Q8VX2AGAL3	Alpha-galactosidase	44.10	0.00
TRINITY_sp|Q96A6CLUAP1	Clusterin-associate	44.10	0.00
TRINITY_sp|A7SWFv1g19425	Pescadillo homolog	44.10	0.00
TRINITY_sp|A0JP3Chid1	Chitinase domain-co	44.10	0.00
TRINITY_sp|Q9FLFPRA1B3	PRA1 family protein	44.10	0.00
TRINITY_sp|Q9S7IMYB98	Transcription facto	44.10	0.00
TRINITY_sp|Q54P4isca2	Iron-sulfur cluster	44.10	0.00
TRINITY_sp|Q3T03POLD4	DNA polymerase delt	44.10	0.00
TRINITY_sp|F4JV7SFH2	Phosphatidylinosito	44.10	0.00
TRINITY_sp|Q1261OLE1	Acyl-CoA desaturase	44.10	0.00
TRINITY_sp|Q9U64cmfB	Conditioned medium	44.10	0.00
TRINITY_sp|Q8LG6At1g2812	Ubiquitin thioester	44.10	0.00
TRINITY_sp|A2QP6eglB	Probable endo-beta-	44.10	0.00
TRINITY_sp|Q8BY1Rdh12	Retinol dehydrogena	44.10	0.00
TRINITY_sp|Q91V3Atp6v0b	V-type proton ATPas	44.10	0.00
TRINITY_sp|Q0053NAM8	Protein NAM8 OS=Sac	44.10	0.00
TRINITY_sp|P0922-	25 kDa calcium-bind	44.10	0.00
TRINITY_sp|F4I93STR8	Rhodanese-like doma	44.10	0.00
TRINITY_sp|P0432pol	Retrovirus-related	44.10	0.00
TRINITY_sp|B8AP1MRS2-A	Magnesium transport	44.10	0.00
TRINITY_sp|Q6PD6Sarm1	Sterile alpha and T	44.10	0.00
TRINITY_sp|Q3961ODA11	Dynein alpha chain,	44.10	0.00

TRINITY_sp|Q54G|dgat2	Diacylglycerol O-ac	44.10	0.00
TRINITY_sp|Q6NW|dnajc2	DnaJ homolog subfam	44.10	0.00
TRINITY_sp|Q191|gcy-12	Receptor-type guany	44.10	0.00
TRINITY_sp|Q4UB|rab1	Ras-related protein	44.10	0.00
TRINITY_sp|P296|eef-2	Elongation factor 2	44.10	0.00
TRINITY_sp|Q3SZ|POLE3	DNA polymerase epsi	44.00	0.00
TRINITY_sp|Q54Z|xab2	Pre-mRNA-splicing f	44.00	0.00
TRINITY_sp|P201|GSTM2	Glutathione S-trans	44.00	0.00
TRINITY_sp|Q020|rad3	Protein kinase rad3	44.00	0.00
TRINITY_sp|Q017|EXOSC10	Exosome component 1	44.00	0.00
TRINITY_sp|Q9LE|IRE	Probable serine/thr	44.00	0.00
TRINITY_sp|Q395|-	Dynein 8 kDa light	44.00	0.00
TRINITY_sp|Q0DJ|TOR	Serine/threonine-pr	44.00	0.00
TRINITY_sp|Q86J|polr2j	DNA-directed RNA po	44.00	0.00
TRINITY_sp|Q8N4|CARNMT1	Carnosine N-methylt	44.00	0.00
TRINITY_sp|Q96M|HSPA12B	Heat shock 70 kDa p	44.00	0.00
TRINITY_sp|O087|Vps45	Vacuolar protein so	44.00	0.00
TRINITY_sp|Q9LX|MBF1B	Multiprotein-bridgi	44.00	0.00
TRINITY_sp|P491|-	Nitrate reductase [	44.00	0.00
TRINITY_sp|Q149|SHPRH	E3 ubiquitin-protei	44.00	0.00
TRINITY_sp|Q754|ERT1	Transcription activ	44.00	0.00
TRINITY_sp|Q103|p23fy	Translationally-con	44.00	0.00
TRINITY_sp|Q08D|MRPL47	39S ribosomal prote	44.00	0.00
TRINITY_sp|F4I2|FSWI2	Switch 2 OS=Arabido	44.00	0.00
TRINITY_sp|P011|MYB	Transcriptional act	44.00	0.00
TRINITY_sp|Q84M|LUL3	Probable E3 ubiquit	44.00	0.00
TRINITY_sp|O162|sti-1	Stress-induced-phos	44.00	0.00
TRINITY_sp|Q9ZS|GLB1	Nitrogen regulatory	44.00	0.00
TRINITY_sp|P043|pol	Retrovirus-related	44.00	0.00
TRINITY_sp|Q6EE|TTLL5	Tubulin polyglutamy	44.00	0.00
TRINITY_sp|Q55A|DDB_G02	Probable serine/thr	44.00	0.00
TRINITY_sp|O949|PROSC	Proline synthase co	44.00	0.00
TRINITY_sp|Q5T0|CFAP70	Cilia- and flagella	44.00	0.00
TRINITY_sp|Q6QH|PAOX	Peroxisomal N(1)-ac	44.00	0.00
TRINITY_sp|A4II|tppp3	Tubulin polymerizat	44.00	0.00
TRINITY_sp|P100|-	Caricain OS=Carica	44.00	0.00
TRINITY_sp|Q9P2|FAM135A	Protein FAM135A OS=	44.00	0.00
TRINITY_sp|Q9FG|MAG5	Protein transport p	44.00	0.00
TRINITY_sp|B6JE|rplD	50S ribosomal prote	44.00	0.00
TRINITY_sp|Q2HJ|EUSP15	Ubiquitin carboxyl-	44.00	0.00
TRINITY_sp|Q9UB|CTSZ	Cathepsin Z OS=Homo	44.00	0.00
TRINITY_sp|A3LU|FMP521	Protein FMP52-1, mi	44.00	0.00
TRINITY_sp|Q96P|LENG8	Leukocyte receptor	44.00	0.00
TRINITY_sp|Q650|Os09g052	DEAD-box ATP-depend	44.00	0.00
TRINITY_sp|Q9NG|mkcB	Probable serine/thr	44.00	0.00
TRINITY_sp|Q93Y|URS6	Protein root UVB se	44.00	0.00
TRINITY_sp|O550|Aurkb	Aurora kinase B OS=	44.00	0.00
TRINITY_sp|Q941|BON1	Protein BONZAI 1 OS	44.00	0.00
TRINITY_sp|O252|typA	GTP-binding protein	44.00	0.00
TRINITY_sp|Q3MH|NUBP2	Cytosolic Fe-S clus	44.00	0.00
TRINITY_sp|P231|ABCB4	Phosphatidylcholine	44.00	0.00
TRINITY_sp|Q9GR|aif	Apoptosis-inducing	44.00	0.00
TRINITY_sp|P250|CML12	Calmodulin-like pro	44.00	0.00
TRINITY_sp|P403|RIC1	Ras-related protein	44.00	0.00
TRINITY_sp|Q9SU|KCS15	3-ketoacyl-CoA synt	44.00	0.00
TRINITY_sp|Q9LH|At5g352	Putative clathrin a	44.00	0.00

TRINITY_sp|Q56X7RH39	DEAD-box ATP-depend	44.00	0.00
TRINITY_sp|Q6C78FIP1	Pre-mRNA polyadenyl	44.00	0.00
TRINITY_sp|Q94C4PAT13	Probable protein S-	44.00	0.00
TRINITY_sp|Q54I1DDB_G028	UPF0553 protein OS=	44.00	0.00
TRINITY_sp|Q6L48DBB1	DNA damage-binding	44.00	0.00
TRINITY_sp|P2082pol	Retrovirus-related	44.00	0.00
TRINITY_sp|Q3Y41ckk-1	Calcium/calmodulin-	44.00	0.00
TRINITY_sp|P2873MSP1	Protein MSP1 OS=Sac	44.00	0.00
TRINITY_sp|Q9S70HSP70-14	Heat shock 70 kDa p	44.00	0.00
TRINITY_sp|A6WX0ubiG	Ubiquinone biosynth	43.90	0.00
TRINITY_sp|Q8R02Sgp11	Sphingosine-1-phosp	43.90	0.00
TRINITY_sp|Q5HR0SERP0230	UPF0382 membrane pr	43.90	0.00
TRINITY_sp|Q18A8speE	Polyamine aminoprop	43.90	0.00
TRINITY_sp|P3601VPS21	Vacuolar protein so	43.90	0.00
TRINITY_sp|Q9M20ECR	Very-long-chain eno	43.90	0.00
TRINITY_sp|Q5561DDB_G027	Probable rhodanese	43.90	0.00
TRINITY_sp|Q5ZHVRAB5B	Ras-related protein	43.90	0.00
TRINITY_sp|Q54I7cox19	Cytochrome c oxidas	43.90	0.00
TRINITY_sp|P0DK0PGLP1A	Phosphoglycolate ph	43.90	0.00
TRINITY_sp|Q9WV0Kif9	Kinesin-like protei	43.90	0.00
TRINITY_sp|P4221RAP	Aspartic proteinase	43.90	0.00
TRINITY_sp|P2120CCA1	CCA tRNA nucleotidy	43.90	0.00
TRINITY_sp|Q8GW0OSB3	Protein OSB3, chlor	43.90	0.00
TRINITY_sp|Q9FW0Os10g052	Probable trehalase	43.90	0.00
TRINITY_sp|Q8690cpv1	Probable serine car	43.90	0.00
TRINITY_sp|Q6Z90Os08g018	mRNA cap guanine-N7	43.90	0.00
TRINITY_sp|Q9LU4ACA9	Calcium-transportin	43.90	0.00
TRINITY_sp|O5994fim1	Fimbrin OS=Schizosa	43.90	0.00
TRINITY_sp|P0A94rimI	Ribosomal-protein-a	43.90	0.00
TRINITY_sp|Q2XQ0lacZ	Beta-galactosidase	43.90	0.00
TRINITY_sp|O6225F45G2.10	MIP18 family protei	43.90	0.00
TRINITY_sp|Q8H90NPC6	Non-specific phosph	43.90	0.00
TRINITY_sp|Q5W60MAN5	Putative mannan end	43.90	0.00
TRINITY_sp|Q5GF2Manea	Glycoprotein endo-a	43.90	0.00
TRINITY_sp|Q86A1DDB_G027	Probable myosin lig	43.90	0.00
TRINITY_sp|Q9CZ4Naxd	ATP-dependent (S)-N	43.90	0.00
TRINITY_sp|Q54TMdrkD	Probable serine/thr	43.90	0.00
TRINITY_sp|Q6317Dnah7	Dynein heavy chain	43.90	0.00
TRINITY_sp|Q1LW1dusp22a	Dual specificity pr	43.90	0.00
TRINITY_sp|Q5PP3ATXR2	Histone-lysine N-me	43.90	0.00
TRINITY_sp|Q9M68GK-2	Guanylate kinase 2	43.90	0.00
TRINITY_sp|O4928RH29	Putative DEAD-box A	43.90	0.00
TRINITY_sp|P1097-	Retrovirus-related	43.90	0.00
TRINITY_sp|Q54W7pex7	Peroxisomal targeti	43.90	0.00
TRINITY_sp|P8705SPAC57A1	Uncharacterized pro	43.90	0.00
TRINITY_sp|Q6113Prpf4b	Serine/threonine-pr	43.90	0.00
TRINITY_sp|F2Z69NDH2	External alternativ	43.90	0.00
TRINITY_sp|Q5VQ0CPK2	Calcium-dependent p	43.90	0.00
TRINITY_sp|Q94F0IMPL1	Phosphatase IMPL1,	43.90	0.00
TRINITY_sp|Q9ZB0xyoA	Probable xylitol ox	43.90	0.00
TRINITY_sp|Q8IU0CBWD2	COBW domain-contain	43.90	0.00
TRINITY_sp|P5431Lipe	Hormone-sensitive l	43.90	0.00
TRINITY_sp|Q84MERBL11	Rhomboid-like prote	43.90	0.00
TRINITY_sp|Q2HJ4PRPF18	Pre-mRNA-splicing f	43.90	0.00
TRINITY_sp|B1AQ0Usp36	Ubiquitin carboxyl-	43.90	0.00
TRINITY_sp|Q5031ngly1	Peptide-N(4)-(N-ace	43.90	0.00

TRINITY_sp|Q70I5hdaH	Histone deacetylase	43.90	0.00
TRINITY_sp|Q5ZJIABHD13	Protein ABHD13 OS=G	43.90	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	43.90	0.00
TRINITY_sp|Q6NV3wdr82	WD repeat-containin	43.90	0.00
TRINITY_sp|Q9NRIBAZ1A	Bromodomain adjacen	43.90	0.00
TRINITY_sp|O8835Baz1a	Bromodomain adjacen	43.90	0.00
TRINITY_sp|Q0E25UVR3	(6-4)DNA photolyase	43.90	0.00
TRINITY_sp|Q9SRFAZG1	Adenine/guanine per	43.90	0.00
TRINITY_sp|Q8IS2gefB	Ras guanine nucleot	43.90	0.00
TRINITY_sp|Q9R1(LIPE	Hormone-sensitive 1	43.90	0.00
TRINITY_sp|Q9ZWCKL9	Casein kinase 1-lik	43.90	0.00
TRINITY_sp|O8355pfp	Pyrophosphate--fruc	43.80	0.00
TRINITY_sp|Q9FKVAt5g6615	Probable alpha-mann	43.80	0.00
TRINITY_sp|A8M52rpsQ	30S ribosomal prote	43.80	0.00
TRINITY_sp|Q55C7gtf2h5	General transcripti	43.80	0.00
TRINITY_sp|Q55C7gtf2h5	General transcripti	43.80	0.00
TRINITY_sp|Q1005SPAC3H1	Glutathione gamma-g	43.80	0.00
TRINITY_sp|Q8BH5Noc41	Nucleolar complex p	43.80	0.00
TRINITY_sp|Q0WREPPC6-7	Probable protein ph	43.80	0.00
TRINITY_sp|P6855hup2	SPBc2 prophage-deri	43.80	0.00
TRINITY_sp|Q2YDIDRAP1	Dr1-associated core	43.80	0.00
TRINITY_sp|Q9H75ELAC1	Zinc phosphodiester	43.80	0.00
TRINITY_sp|Q9H45PLK3	Serine/threonine-pr	43.80	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	43.80	0.00
TRINITY_sp|Q9635ACX4	Acyl-coenzyme A oxi	43.80	0.00
TRINITY_sp|Q0295CAD8	Cinnamyl alcohol de	43.80	0.00
TRINITY_sp|A1A65HK5	Probable histidine	43.80	0.00
TRINITY_sp|Q9NJUCPK3	Calcium-dependent p	43.80	0.00
TRINITY_sp|Q3ED6At1g2295	Uncharacterized PKH	43.80	0.00
TRINITY_sp|A2Z35ESGR	Protein STAY-GREEN,	43.80	0.00
TRINITY_sp|F4HX5PSS1	CDP-diacylglycerol-	43.80	0.00
TRINITY_sp|P8415TCTP	Translationally-con	43.80	0.00
TRINITY_sp|Q9JJ5Dync2h1	Cytoplasmic dynein	43.80	0.00
TRINITY_sp|Q9X35topA	DNA topoisomerase 1	43.80	0.00
TRINITY_sp|Q9FL5ATJ6	Chaperone protein d	43.80	0.00
TRINITY_sp|Q7TS5Ppp6r1	Serine/threonine-pr	43.80	0.00
TRINITY_sp|Q9NGVmkcB	Probable serine/thr	43.80	0.00
TRINITY_sp|Q8MZ5-	Physarolisin OS=Phy	43.80	0.00
TRINITY_sp|Q8SS(TCP1	T-complex protein 1	43.80	0.00
TRINITY_sp|P2275Gucy1b2	Guanylate cyclase s	43.80	0.00
TRINITY_sp|Q9VVERbp6	RNA-binding protein	43.80	0.00
TRINITY_sp|Q54U5shkD	Dual specificity pr	43.80	0.00
TRINITY_sp|O8865Stk16	Serine/threonine-pr	43.80	0.00
TRINITY_sp|Q8BNIKctd6	BTB/POZ domain-cont	43.80	0.00
TRINITY_sp|Q9495At2g1734	Uncharacterized pro	43.80	0.00
TRINITY_sp|Q9SZ5FABCG9	ABC transporter G f	43.80	0.00
TRINITY_sp|P4215CKL1	Casein kinase 1-lik	43.80	0.00
TRINITY_sp|Q8EI5pepA1	Probable cytosol am	43.80	0.00
TRINITY_sp|Q9C45MINE1	Cell division topol	43.80	0.00
TRINITY_sp|Q9NR5DDX21	Nucleolar RNA helic	43.80	0.00
TRINITY_sp|Q6NY5slc25a25	Calcium-binding mit	43.80	0.00
TRINITY_sp|A0JPI5Ccdc61	Coiled-coil domain-	43.80	0.00
TRINITY_sp|Q8LP5LACS6	Long chain acyl-CoA	43.80	0.00
TRINITY_sp|Q68F5vac14	Protein VAC14 homol	43.80	0.00
TRINITY_sp|P0CD5alg7	UDP-N-acetylglucosa	43.80	0.00
TRINITY_sp|F4IV5CHR10	Probable helicase C	43.80	0.00

TRINITY_sp|Q9ZU5VAC14	Protein VAC14 homol	43.80	0.00
TRINITY_sp|Q9PWFKCNAB1	Voltage-gated potas	43.80	0.00
TRINITY_sp|Q9I4CPA1210	Putative quercetin	43.80	0.00
TRINITY_sp|Q9LR7CPX1	Coproporphyrinogen-	43.80	0.00
TRINITY_sp|Q3SZ2RPP30	Ribonuclease P prot	43.80	0.00
TRINITY_sp|Q54Q6dhkG	Hybrid signal trans	43.80	0.00
TRINITY_sp|P3905-	Dynein beta chain,	43.80	0.00
TRINITY_sp|Q54Y5shkC	Dual specificity pr	43.80	0.00
TRINITY_sp|Q54K3rgaA	Ras GTPase-activati	43.80	0.00
TRINITY_sp|Q5VQ5CPK2	Calcium-dependent p	43.80	0.00
TRINITY_sp|Q9632HSFB1	Heat stress transcr	43.80	0.00
TRINITY_sp|Q2YDFANAPC10	Anaphase-promoting	43.80	0.00
TRINITY_sp|Q056(CTR1	Serine/threonine-pr	43.80	0.00
TRINITY_sp|Q5F45PAN2	PAB-dependent poly(	43.80	0.00
TRINITY_sp|Q3SZ2RPP30	Ribonuclease P prot	43.80	0.00
TRINITY_sp|Q9C81ABCG12	ABC transporter G f	43.80	0.00
TRINITY_sp|O7495SPCC736	Uncharacterized oxi	43.80	0.00
TRINITY_sp|Q2302unc-51	Serine/threonine-pr	43.80	0.00
TRINITY_sp|Q5597pola	DNA polymerase I OS	43.80	0.00
TRINITY_sp|Q9244Rad51c	DNA repair protein	43.80	0.00
TRINITY_sp|Q9ZR3DSPTP1	Dual specificity pr	43.80	0.00
TRINITY_sp|Q1538UBE3C	Ubiquitin-protein l	43.80	0.00
TRINITY_sp|P6095-	Ervatamin-B OS=Tab	43.80	0.00
TRINITY_sp|P0A99adhE	Aldehyde-alcohol de	43.80	0.00
TRINITY_sp|Q9HEF2E4.130	Regulator of nonsen	43.80	0.00
TRINITY_sp|Q9ZU5BAT1	Amino-acid permease	43.80	0.00
TRINITY_sp|Q9ZSMEZA1	Histone-lysine N-me	43.80	0.00
TRINITY_sp|Q9I41PA1204	NAD(P)H-dependent F	43.80	0.00
TRINITY_sp|Q0111DYNC1I2	Cytoplasmic dynein	43.80	0.00
TRINITY_sp|Q55DFDDB_G026	Alpha N-terminal pr	43.70	0.00
TRINITY_sp|F4JA7SKI2	DExH-box ATP-depend	43.70	0.00
TRINITY_sp|P611(RAB2A	Ras-related protein	43.70	0.00
TRINITY_sp|Q8VZ4SAP11	Zinc finger AN1 and	43.70	0.00
TRINITY_sp|C3KJ1swi5	DNA repair protein	43.70	0.00
TRINITY_sp|Q6GN1usp22-a	Ubiquitin carboxyl-	43.70	0.00
TRINITY_sp|Q9C11SPAP32A8	Uncharacterized RIN	43.70	0.00
TRINITY_sp|Q9MACABCG24	ABC transporter G f	43.70	0.00
TRINITY_sp|A2XL3ERS1	Probable ethylene r	43.70	0.00
TRINITY_sp|Q8VY7RS2Z33	Serine/arginine-ric	43.70	0.00
TRINITY_sp|Q54F2mroh1	Maestro heat-like r	43.70	0.00
TRINITY_sp|O440(PYK	Pyruvate kinase OS=	43.70	0.00
TRINITY_sp|Q9HD4SEPSECS	O-phosphoseryl-tRNA	43.70	0.00
TRINITY_sp|Q86X8COMM2	COMM domain-contain	43.70	0.00
TRINITY_sp|Q9FJ1UPF1	Regulator of nonsen	43.70	0.00
TRINITY_sp|Q8T15ggtA	Probable UDP-glucos	43.70	0.00
TRINITY_sp|Q9C5(PUX13	Plant UBX domain-co	43.70	0.00
TRINITY_sp|Q9SS1At1g5259	DCC family protein	43.70	0.00
TRINITY_sp|Q94AVATJ3	Chaperone protein d	43.70	0.00
TRINITY_sp|P5574RAB21	Ras-related protein	43.70	0.00
TRINITY_sp|Q8L97P4H7	Probable prolyl 4-h	43.70	0.00
TRINITY_sp|A0BQ1GSPATT0	Probable protein ph	43.70	0.00
TRINITY_sp|Q5U5(prpf31	U4/U6 small nuclear	43.70	0.00
TRINITY_sp|P4012CAP2	Adenylyl cyclase-as	43.70	0.00
TRINITY_sp|Q3ZB1TRA2B	Transformer-2 prote	43.70	0.00
TRINITY_sp|Q99K1Aco2	Aconitate hydratase	43.70	0.00
TRINITY_sp|P4138-	Eukaryotic initiati	43.70	0.00

TRINITY_sp|Q9SIFAt2g299	Presenilin-like pro	43.70	0.00
TRINITY_sp|Q135TRA2A	Transformer-2 prote	43.70	0.00
TRINITY_sp|A5PJSRD5A1	3-oxo-5-alpha-ster	43.70	0.00
TRINITY_sp|B8ARISRT1	NAD-dependent prote	43.70	0.00
TRINITY_sp|Q96NFRDH12	Retinol dehydrogena	43.70	0.00
TRINITY_sp|B2T4Bphyt_1	UPF0061 protein Bph	43.70	0.00
TRINITY_sp|Q54KfMccA	Methylcrotonoyl-CoA	43.70	0.00
TRINITY_sp|Q75Jrapgap1	RapA guanosine trip	43.70	0.00
TRINITY_sp|Q9HC2TMBIM4	Protein lifeguard 4	43.70	0.00
TRINITY_sp|F4JAP4H2	Prolyl 4-hydroxylas	43.70	0.00
TRINITY_sp|P982(ALA2	Phospholipid-transp	43.70	0.00
TRINITY_sp|Q3T0GDE1	Glycerophosphodiester	43.70	0.00
TRINITY_sp|Q8LKLACS7	Long chain acyl-CoA	43.70	0.00
TRINITY_sp|Q86YRAB43	Ras-related protein	43.70	0.00
TRINITY_sp|O822At2g479	NPL4-like protein 2	43.70	0.00
TRINITY_sp|Q9XIFALA3	Phospholipid-transp	43.70	0.00
TRINITY_sp|O154ABCC4	Multidrug resistanc	43.70	0.00
TRINITY_sp|P499(-	Arginase, hepatic O	43.70	0.00
TRINITY_sp|Q0IIIDUSP10	Dual specificity pr	43.70	0.00
TRINITY_sp|O244UBP3	Ubiquitin carboxyl-	43.70	0.00
TRINITY_sp|P325SAC6	Fimbrin OS=Saccharo	43.70	0.00
TRINITY_sp|P0A9tas	Protein tas OS=Esch	43.70	0.00
TRINITY_sp|Q9P4utp7	Probable U3 small n	43.70	0.00
TRINITY_sp|Q432(PCM	Protein-L-isoaspart	43.70	0.00
TRINITY_sp|Q623Zpr1	Zinc finger protein	43.60	0.00
TRINITY_sp|B5DSGA24966	Adenylyltransferase	43.60	0.00
TRINITY_sp|Q96DJSNRNP40	U5 small nuclear ri	43.60	0.00
TRINITY_sp|Q8VYFMED31	Mediator of RNA pol	43.60	0.00
TRINITY_sp|Q291IAats-cys	Cysteine--tRNA liga	43.60	0.00
TRINITY_sp|G5ED(mtm-6	Myotubularin-relate	43.60	0.00
TRINITY_sp|Q8HYJPFDN5	Prefoldin subunit 5	43.60	0.00
TRINITY_sp|Q0P4kti12	Protein KTI12 homol	43.60	0.00
TRINITY_sp|P126YPK1	Serine/threonine-pr	43.60	0.00
TRINITY_sp|Q54Nppan	Peter Pan-like prot	43.60	0.00
TRINITY_sp|F4JUIARPC4	Actin-related prote	43.60	0.00
TRINITY_sp|O183Seld	Selenide, water dik	43.60	0.00
TRINITY_sp|Q54I{smt1	Probable cycloarten	43.60	0.00
TRINITY_sp|Q8WWRRTN4IP1	Reticulon-4-interac	43.60	0.00
TRINITY_sp|Q4I8(FGRRES_	(Acyl-protein thioes	43.60	0.00
TRINITY_sp|P1281hsp16.9	16.9 kDa class I he	43.60	0.00
TRINITY_sp|P126YPK1	Serine/threonine-pr	43.60	0.00
TRINITY_sp|Q6S4MHSPA1B	Heat shock 70 kDa p	43.60	0.00
TRINITY_sp|Q9FWABC11	ABC transporter B f	43.60	0.00
TRINITY_sp|Q54Nivmp1	Vacuole membrane pr	43.60	0.00
TRINITY_sp|Q9H3TPK1	Thiamin pyrophospho	43.60	0.00
TRINITY_sp|Q680At4g399	Haloacid dehalogena	43.60	0.00
TRINITY_sp|P577Snrpa1	U2 small nuclear ri	43.60	0.00
TRINITY_sp|P192adaB	Methylated-DNA--pro	43.60	0.00

TRINITY_sp|A1K51azo1574	UPF0061 protein azo	43.60	0.00
TRINITY_sp|Q94B7NUDT2	Nudix hydrolase 2 O	43.60	0.00
TRINITY_sp|Q8H13RH14	DEAD-box ATP-depend	43.60	0.00
TRINITY_sp|Q8S2E0s01g072	Ribose-phosphate py	43.60	0.00
TRINITY_sp|Q9TV6rab1	Ras-related protein	43.60	0.00
TRINITY_sp|Q9XY9noxA	Superoxide-generati	43.60	0.00
TRINITY_sp|Q9VH7Ada	Adenosine deaminase	43.60	0.00
TRINITY_sp|Q9SG3ACLA-1	ATP-citrate synthas	43.60	0.00
TRINITY_sp|Q2661-	cAMP-dependent prot	43.60	0.00
TRINITY_sp|B2V65gpsA	Glycerol-3-phosphat	43.60	0.00
TRINITY_sp|Q2QW7Os12g019	Probable thiamine b	43.60	0.00
TRINITY_sp|P9294CLC-D	Chloride channel pr	43.60	0.00
TRINITY_sp|Q9UR9ACT	Actin, gamma OS=Pen	43.60	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	43.60	0.00
TRINITY_sp|Q8697nramp1	Metal transporter n	43.60	0.00
TRINITY_sp|P1360Atpalpha	Sodium/potassium-tr	43.60	0.00
TRINITY_sp|Q0110RAB5A	Ras-related protein	43.60	0.00
TRINITY_sp|O1294RAD54L	DNA repair and reco	43.60	0.00
TRINITY_sp|P2042pyrK	UMP-CMP kinase OS=D	43.60	0.00
TRINITY_sp|Q7ZX7Inle1	Notchless protein h	43.60	0.00
TRINITY_sp|Q24K0IDE	Insulin-degrading e	43.60	0.00
TRINITY_sp|Q1420DYNC1H1	Cytoplasmic dynein	43.60	0.00
TRINITY_sp|Q9H07TMEM222	Transmembrane prote	43.60	0.00
TRINITY_sp|Q9632ACX4	Acyl-coenzyme A oxi	43.60	0.00
TRINITY_sp|P1262RPL13	50S ribosomal prote	43.60	0.00
TRINITY_sp|Q0734GAD	Glutamate decarboxy	43.60	0.00
TRINITY_sp|Q9471GSPATT00	Cathepsin L 1 OS=Pa	43.60	0.00
TRINITY_sp|Q8R94pckA	Phosphoenolpyruvate	43.60	0.00
TRINITY_sp|P4018MMF1	Protein MMF1, mitoc	43.60	0.00
TRINITY_sp|Q5JK3Os01g092	Long chain base bio	43.60	0.00
TRINITY_sp|Q9FN0BRR2C	DExH-box ATP-depend	43.60	0.00
TRINITY_sp|Q5RB0PRCP	Lysosomal Pro-X car	43.60	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	43.60	0.00
TRINITY_sp|Q8TC1RDH11	Retinol dehydrogena	43.50	0.00
TRINITY_sp|Q86A7atp6v1d	V-type proton ATPas	43.50	0.00
TRINITY_sp|A2WY1HK3	Probable histidine	43.50	0.00
TRINITY_sp|Q9C59IRE1A	Serine/threonine-pr	43.50	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	43.50	0.00
TRINITY_sp|Q1457ITPR2	Inositol 1,4,5-tris	43.50	0.00
TRINITY_sp|Q8RY2NUP98A	Nuclear pore comple	43.50	0.00
TRINITY_sp|Q2GA0engB	Probable GTP-bindin	43.50	0.00
TRINITY_sp|P1633Pah	Phenylalanine-4-hyd	43.50	0.00
TRINITY_sp|Q55D1mhisS	Probable histidine-	43.50	0.00
TRINITY_sp|P3640rab2A	Ras-related protein	43.50	0.00
TRINITY_sp|Q8C17Thop1	Thimet oligopeptida	43.50	0.00
TRINITY_sp|Q6ZV7TTLL10	Inactive polyglycyl	43.50	0.00
TRINITY_sp|P0C18Amy3	Alpha-amylase A typ	43.50	0.00
TRINITY_sp|Q5106-	Uncharacterized pro	43.50	0.00
TRINITY_sp|Q3ZB3DEGS1	Sphingolipid delta(	43.50	0.00
TRINITY_sp|Q55G0DDB_G020	Probable serine/thr	43.50	0.00
TRINITY_sp|O8239ANTR1	Sodium-dependent ph	43.50	0.00
TRINITY_sp|A7MB1COMT	Catechol O-methyltr	43.50	0.00
TRINITY_sp|Q6H94alkB2	Alkane 1-monooxygen	43.50	0.00
TRINITY_sp|P5165HSD17B4	Peroxisomal multifu	43.50	0.00
TRINITY_sp|Q5XM2aprA	Autocrine prolifera	43.50	0.00
TRINITY_sp|Q54G6ctdsp12	CTD small phosphata	43.50	0.00

TRINITY_sp|Q54Tfgacy	Rho GTPase-activati	43.50	0.00
TRINITY_sp|Q9MA\ COPZ1	Coatomer subunit ze	43.50	0.00
TRINITY_sp|P153\ RpS27A	Ubiquitin-40S ribos	43.50	0.00
TRINITY_sp|Q54U\ lvsC	BEACH domain-contai	43.50	0.00
TRINITY_sp|Q8N5\ TBC1D19	TBC1 domain family	43.50	0.00
TRINITY_sp|Q9LX\ GUN4	Tetrapyrrole-bindin	43.50	0.00
TRINITY_sp|Q918\ aurka-b	Aurora kinase A-B O	43.50	0.00
TRINITY_sp|Q9ZVI\ At1g547\	UPF0603 protein At1	43.50	0.00
TRINITY_sp|O807\ WDR55	WD repeat-containin	43.50	0.00
TRINITY_sp|Q0WP\ At2g410\	Uncharacterized met	43.50	0.00
TRINITY_sp|P426\ DRT111	DNA-damage-repair/t	43.50	0.00
TRINITY_sp|O957\ HERC2	E3 ubiquitin-protei	43.50	0.00
TRINITY_sp|Q54G\ ascc3	Activating signal c	43.50	0.00
TRINITY_sp|Q9FW\ ABCB11	ABC transporter B f	43.50	0.00
TRINITY_sp|Q1RM\ LRRC6	Protein tilB homolo	43.50	0.00
TRINITY_sp|Q9VA\ Slbp	Histone RNA hairpin	43.50	0.00
TRINITY_sp|Q8LR\ HDA18	Histone deacetylase	43.50	0.00
TRINITY_sp|P226\ cela	Endoglucanase OS=Di	43.50	0.00
TRINITY_sp|A6QQ\ ZNF474	Zinc finger protein	43.50	0.00
TRINITY_sp|P137\ hexa1	Beta-hexosaminidase	43.50	0.00
TRINITY_sp|P050\ abpA	Alpha-actinin A OS=	43.50	0.00
TRINITY_sp|Q93Z\ SFH3	Phosphatidylinosito	43.50	0.00
TRINITY_sp|Q7M6\ Kif27	Kinesin-like protei	43.50	0.00
TRINITY_sp|Q9CV\ Arpc2	Actin-related prote	43.50	0.00
TRINITY_sp|A8CV\ tt116	Tubulin polyglutamy	43.50	0.00
TRINITY_sp|F4I8\ GDPD4	Glycerophosphodiect	43.50	0.00
TRINITY_sp|Q5JV\ EFHC1	EF-hand domain-cont	43.50	0.00
TRINITY_sp|Q6K4\ PAP2	Probable plastid-li	43.50	0.00
TRINITY_sp|Q1BK\ adc	Probable acetoaceta	43.50	0.00
TRINITY_sp|O487\ PDIL2-3	Protein disulfide-i	43.50	0.00
TRINITY_sp|Q3E9\ ANTR6	Probable anion tran	43.50	0.00
TRINITY_sp|Q133\ PABPC4	Polyadenylate-bindi	43.50	0.00
TRINITY_sp|C7EX\ ATP8A2	Phospholipid-transp	43.50	0.00
TRINITY_sp|P617\ Vbp1	Prefoldin subunit 3	43.50	0.00
TRINITY_sp|Q9XY\ noxA	Superoxide-generati	43.50	0.00
TRINITY_sp|O946\ ypt7	GTP-binding protein	43.50	0.00
TRINITY_sp|Q54W\ DDB_G02\	Probable myosin lig	43.50	0.00
TRINITY_sp|P828\ CYP37	Peptidyl-prolyl cis	43.50	0.00
TRINITY_sp|Q9SR\ FAZG1	Adenine/guanine per	43.50	0.00
TRINITY_sp|Q5AV\ ampp	Probable Xaa-Pro am	43.50	0.00
TRINITY_sp|Q389\ KIN10	SNF1-related protei	43.50	0.00
TRINITY_sp|Q6F3\ CPK10	Calcium-dependent p	43.50	0.00
TRINITY_sp|Q54S\ polr1c	DNA-directed RNA po	43.40	0.00
TRINITY_sp|P137\ (fs(1)h	Homeotic protein fe	43.40	0.00
TRINITY_sp|Q6GP\ wdr70	WD repeat-containin	43.40	0.00
TRINITY_sp|B8B7\ D2HGDH	Probable D-2-hydrox	43.40	0.00
TRINITY_sp|Q55A\ (DDB_G02\	Probable serine/thr	43.40	0.00
TRINITY_sp|P863\ RPP14	Hydroxyacyl-thioest	43.40	0.00
TRINITY_sp|Q54V\ elmoB	ELMO domain-contain	43.40	0.00
TRINITY_sp|Q6GM\ itatdn1	Putative deoxyribon	43.40	0.00
TRINITY_sp|Q55C\ sec31	Protein transport p	43.40	0.00
TRINITY_sp|Q8BH\ (-	UPF0587 protein Cl0	43.40	0.00
TRINITY_sp|P612\ PSME3	Proteasome activato	43.40	0.00
TRINITY_sp|Q54F\ mroh1	Maestro heat-like r	43.40	0.00
TRINITY_sp|O551\ Pdpk1	3-phosphoinositide-	43.40	0.00
TRINITY_sp|Q86K\ ap2a1-1	AP-2 complex subuni	43.40	0.00

TRINITY_sp|Q551Mzfp11	Zinc finger protein	43.40	0.00
TRINITY_sp|Q1656CAMK4	Calcium/calmodulin-	43.40	0.00
TRINITY_sp|Q9C92At3g0865	Putative zinc trans	43.40	0.00
TRINITY_sp|Q23FETTL3C	Tubulin glycyrase 3	43.40	0.00
TRINITY_sp|Q4KL\chpt1	Cholinephosphotrans	43.40	0.00
TRINITY_sp|O1597SCGOA	Guanine nucleotide-	43.40	0.00
TRINITY_sp|P1005-	Caricain OS=Carica	43.40	0.00
TRINITY_sp|Q8H1HDGP3	DAR GTPase 3, chlor	43.40	0.00
TRINITY_sp|Q9DE1BAZ2B	Bromodomain adjacen	43.40	0.00
TRINITY_sp|B1MGFMAB_3787	Putative S-adenosyl	43.40	0.00
TRINITY_sp|Q6NM2UTR5	UDP-galactose/UDP-g	43.40	0.00
TRINITY_sp|F4HX1PLA1	Phospholipase A I O	43.40	0.00
TRINITY_sp|P3026BpOF4_1	Uncharacterized ami	43.40	0.00
TRINITY_sp|Q54I8eif2b1	Translation initiat	43.40	0.00
TRINITY_sp|Q0J07Os09g052	Probable 1-acylglyc	43.40	0.00
TRINITY_sp|Q9HDVpmc1	Calcium-transportin	43.40	0.00
TRINITY_sp|Q9LT\VP59A	Vacuolar protein so	43.40	0.00
TRINITY_sp|Q7XA(D1BLIC	Cytoplasmic dynein	43.40	0.00
TRINITY_sp|Q9FGMFTSH11	ATP-dependent zinc	43.40	0.00
TRINITY_sp|Q75A2ARF1	ADP-ribosylation fa	43.40	0.00
TRINITY_sp|Q9XYI\fcfA	Probable C-terminal	43.40	0.00
TRINITY_sp|Q1RJUicd	Isocitrate dehydrog	43.40	0.00
TRINITY_sp|A1A4\ATP9B	Probable phospholip	43.40	0.00
TRINITY_sp|Q93V\IPABN1	Polyadenylate-bindi	43.40	0.00
TRINITY_sp|Q90W5\dup1-b	Dual specificity pr	43.40	0.00
TRINITY_sp|Q7LH\TY3B-I	Transposon Ty3-I Ga	43.40	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	43.40	0.00
TRINITY_sp|Q9SL\RAD50	DNA repair protein	43.40	0.00
TRINITY_sp|O603\AQR	Intron-binding prot	43.40	0.00
TRINITY_sp|O9428\hmt2	Sulfide:quinone oxi	43.40	0.00
TRINITY_sp|Q6AYH\Isy1	Pre-mRNA-splicing f	43.40	0.00
TRINITY_sp|Q8L7\NAD-ME2	NAD-dependent malic	43.40	0.00
TRINITY_sp|P2268-	Chlorophyll a-b bin	43.40	0.00
TRINITY_sp|Q1419WRN	Werner syndrome ATP	43.40	0.00
TRINITY_sp|Q9FW\HAC12	Histone acetyltrans	43.40	0.00
TRINITY_sp|Q8IN\Gyc88E	Soluble guanylate c	43.40	0.00
TRINITY_sp|P0432\pol	Retrovirus-related	43.40	0.00
TRINITY_sp|Q9LS\ATL77	RING-H2 finger prot	43.30	0.00
TRINITY_sp|P2999\Itp-r837	Inositol 1,4,5-tris	43.30	0.00
TRINITY_sp|O1414\tps2	Trehalose-phosphata	43.30	0.00
TRINITY_sp|Q8NE\DENND6B	Protein DENND6B OS=	43.30	0.00
TRINITY_sp|Q1211\SGT2	Small glutamine-ric	43.30	0.00
TRINITY_sp|Q243\Diap2	Death-associated in	43.30	0.00
TRINITY_sp|Q55G\cpnD	Copine-D OS=Dictyos	43.30	0.00
TRINITY_sp|P8409RHOG	Rho-related GTP-bin	43.30	0.00
TRINITY_sp|F0NB\SiRe_144	Protein-lysine N-me	43.30	0.00
TRINITY_sp|P3508\cbpP	Calcium-binding pro	43.30	0.00
TRINITY_sp|Q4KL\btbf314	Transcription facto	43.30	0.00
TRINITY_sp|Q54TH\DDDB_G028	Golgi to ER traffic	43.30	0.00
TRINITY_sp|Q6137\Ift88	Intraflagellar tran	43.30	0.00
TRINITY_sp|Q9SF9\RABE1E	Ras-related protein	43.30	0.00
TRINITY_sp|Q54P\abcC8	ABC transporter C f	43.30	0.00
TRINITY_sp|P049\Gstm1	Glutathione S-trans	43.30	0.00
TRINITY_sp|Q54M\lgpt	Probable alanine am	43.30	0.00
TRINITY_sp|Q9234\SPAC6G9	Uncharacterized pro	43.30	0.00
TRINITY_sp|Q94B\NDB2	External alternativ	43.30	0.00

TRINITY_sp|O1393trm4b	Multisite-specific	43.30	0.00
TRINITY_sp|Q0II1NAA50	N-alpha-acetyltrans	43.30	0.00
TRINITY_sp|Q9D94Atg7	Ubiquitin-like modi	43.30	0.00
TRINITY_sp|P6234CPK1	Calcium-dependent p	43.30	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	43.30	0.00
TRINITY_sp|Q6421diexf	Digestive organ exp	43.30	0.00
TRINITY_sp|Q5SK1trmI	tRNA (adenine(58))-N	43.30	0.00
TRINITY_sp|Q9S75LOG2	Probable E3 ubiquit	43.30	0.00
TRINITY_sp|Q9411BON1	Protein BONZAI 1 OS	43.30	0.00
TRINITY_sp|Q7X91AERO2	Endoplasmic reticul	43.30	0.00
TRINITY_sp|Q06A1UCHL3	Ubiquitin carboxyl-	43.30	0.00
TRINITY_sp|P5456yqjY	Uncharacterized pro	43.30	0.00
TRINITY_sp|Q1732W	Protein white OS=Ce	43.30	0.00
TRINITY_sp|P0809top2	DNA topoisomerase 2	43.30	0.00
TRINITY_sp|O4391AIRE	Autoimmune regulato	43.30	0.00
TRINITY_sp|Q9SL1DGAT1	Diacylglycerol O-ac	43.30	0.00
TRINITY_sp|Q0783GPI13	GPI ethanolamine ph	43.30	0.00
TRINITY_sp|Q8RA7mutS	DNA mismatch repair	43.30	0.00
TRINITY_sp|Q84WEAt5g0450	Glycosyltransferase	43.30	0.00
TRINITY_sp|Q9FH4TAF14B	Transcription initi	43.30	0.00
TRINITY_sp|P0CR3SEC23	Protein transport p	43.30	0.00
TRINITY_sp|Q4692tcdA	tRNA threonylcarbam	43.30	0.00
TRINITY_sp|Q1AU6rplM	50S ribosomal prote	43.30	0.00
TRINITY_sp|Q9NR3DDX21	Nucleolar RNA helic	43.30	0.00
TRINITY_sp|P5509Abcd3	ATP-binding cassett	43.30	0.00
TRINITY_sp|Q8LS3Os03g013	Probable signal rec	43.30	0.00
TRINITY_sp|Q54S1tmem104	Transmembrane prote	43.30	0.00
TRINITY_sp|F4KH3CTPA1	Carboxyl-terminal-p	43.30	0.00
TRINITY_sp|Q9XF4-	Profilin-3 OS=Malus	43.30	0.00
TRINITY_sp|Q86S3DHDDS	Dehydrodolichyl dip	43.30	0.00
TRINITY_sp|Q8LB7PHR2	Blue-light photorec	43.30	0.00
TRINITY_sp|Q9493PSAO	Photosystem I subun	43.30	0.00
TRINITY_sp|Q23M1Tt116a	Probable beta-tubul	43.30	0.00
TRINITY_sp|Q7X91PIE1	Protein PHOTOPERIOD	43.30	0.00
TRINITY_sp|Q5Z91IMCEL1	Probable isoprenylc	43.30	0.00
TRINITY_sp|Q9SZ1FACA10	Calcium-transportin	43.30	0.00
TRINITY_sp|O2355BAM3	Beta-amylase 3, chl	43.30	0.00
TRINITY_sp|Q0952tag-124	Probable tRNA pseud	43.30	0.00
TRINITY_sp|Q7TM1Slc35f2	Solute carrier fami	43.30	0.00
TRINITY_sp|Q8VY1TIM50	Mitochondrial impor	43.30	0.00
TRINITY_sp|P222(-	Pyruvate kinase, cy	43.30	0.00
TRINITY_sp|Q54W1mtyrS	Probable tyrosine--	43.30	0.00
TRINITY_sp|Q6GM3plaa	Phospholipase A-2-a	43.30	0.00
TRINITY_sp|O2279RPL28	50S ribosomal prote	43.30	0.00
TRINITY_sp|A5GE3rlmN	Dual-specificity RN	43.30	0.00
TRINITY_sp|C0LG3At4g3618	Probable LRR recept	43.30	0.00
TRINITY_sp|P3194HNRNPH3	Heterogeneous nucle	43.30	0.00
TRINITY_sp|Q6346Prpsap1	Phosphoribosyl pyro	43.30	0.00
TRINITY_sp|Q54N1voplah	5-oxoprolinase OS=D	43.30	0.00
TRINITY_sp|Q7TX1pkps15/1	Phenolphthiocerol s	43.20	0.00
TRINITY_sp|Q86Y3CPNE8	Copine-8 OS=Homo sa	43.20	0.00
TRINITY_sp|Q0914bt1	Fibroblast growth f	43.20	0.00
TRINITY_sp|A1XD3stip-1	Septin and tuftelin	43.20	0.00
TRINITY_sp|A7SK1vlg17156	Eukaryotic translat	43.20	0.00
TRINITY_sp|P5293lacA	Galactoside O-acety	43.20	0.00
TRINITY_sp|P4963Kcnj10	ATP-sensitive inwar	43.20	0.00

TRINITY_sp|O4309-	Kinesin heavy chain	43.20	0.00
TRINITY_sp|Q8BU\Gpr107	Protein GPR107 OS=M	43.20	0.00
TRINITY_sp|P5465mvpB	Major vault protein	43.20	0.00
TRINITY_sp|Q7ZT\Ibcs11	Mitochondrial chape	43.20	0.00
TRINITY_sp|Q5QN\BZIP02	Basic leucine zippe	43.20	0.00
TRINITY_sp|P4356AGX1	Alanine--glyoxylate	43.20	0.00
TRINITY_sp|Q863\OXR1	Serine/threonine-pr	43.20	0.00
TRINITY_sp|Q9FG\GCP3	Gamma-tubulin compl	43.20	0.00
TRINITY_sp|Q9SR\CLPS3	Protein CLP1 homolo	43.20	0.00
TRINITY_sp|Q9625RpS7	40S ribosomal prote	43.20	0.00
TRINITY_sp|Q993\TY3B-G	Transposon Ty3-G Ga	43.20	0.00
TRINITY_sp|Q1343SF3B2	Splicing factor 3B	43.20	0.00
TRINITY_sp|Q3TT\Plb1	Phospholipase B1, m	43.20	0.00
TRINITY_sp|Q9FN\At5g0642	Zinc finger CCCH do	43.20	0.00
TRINITY_sp|Q6NX\Dennd5b	DENN domain-contain	43.20	0.00
TRINITY_sp|Q9FP\FEDR1	Serine/threonine-pr	43.20	0.00
TRINITY_sp|P6128NEDD8	NEDD8 OS=Bos taurus	43.20	0.00
TRINITY_sp|Q9M2\CSPL15	Squamosa promoter-b	43.20	0.00
TRINITY_sp|Q9LD5TIF3A1	Eukaryotic translat	43.20	0.00
TRINITY_sp|Q9LE8IRE	Probable serine/thr	43.20	0.00
TRINITY_sp|Q9067THYN1	Thymocyte nuclear p	43.20	0.00
TRINITY_sp|Q5LR\dmdb	3-methylmercaptopro	43.20	0.00
TRINITY_sp|Q55D\IDDB_G027	Histidine protein m	43.20	0.00
TRINITY_sp|Q9FL\TNS2	Ribonuclease TUDOR	43.20	0.00
TRINITY_sp|Q5548slr0537	Uncharacterized sug	43.10	0.00
TRINITY_sp|B7PX\spas	Spastin OS=Ixodes s	43.10	0.00
TRINITY_sp|Q3V0\Ilrrc43	Leucine-rich repeat	43.10	0.00
TRINITY_sp|P4766MG425	Probable ATP-depend	43.10	0.00
TRINITY_sp|Q91Y\Irnf126	E3 ubiquitin-protei	43.10	0.00
TRINITY_sp|P2465PTP	Tyrosine-protein ph	43.10	0.00
TRINITY_sp|Q6GN\mrm	Nurim OS=Xenopus la	43.10	0.00
TRINITY_sp|Q197\IF22B5.1	Calcium load-activa	43.10	0.00
TRINITY_sp|Q54V\IDDB_G028	Probable serine/thr	43.10	0.00
TRINITY_sp|Q5EB5Wdr70	WD repeat-containin	43.10	0.00
TRINITY_sp|O8275AGL24	MADS-box protein AG	43.10	0.00
TRINITY_sp|Q9WU\Akt3	RAC-gamma serine/th	43.10	0.00
TRINITY_sp|Q54Q\FerkB	Extracellular signa	43.10	0.00
TRINITY_sp|Q9LZ\IRABE1D	Ras-related protein	43.10	0.00
TRINITY_sp|F4J8\FRRP5	rRNA biogenesis pro	43.10	0.00
TRINITY_sp|Q8MV\FgbpC	Cyclic GMP-binding	43.10	0.00
TRINITY_sp|Q9JM\Dnaja4	DnaJ homolog subfam	43.10	0.00
TRINITY_sp|Q84Q\FOPR1	12-oxophytodienoate	43.10	0.00
TRINITY_sp|P1985RABA5E	Ras-related protein	43.10	0.00
TRINITY_sp|P2818RABA5C	Ras-related protein	43.10	0.00
TRINITY_sp|P0257-	Actin-1 OS=Acantham	43.10	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	43.10	0.00
TRINITY_sp|Q9LT\FRDL2	Probable cysteine p	43.10	0.00
TRINITY_sp|P9052alg1	Chitobiosyldiphosph	43.10	0.00
TRINITY_sp|P1816splA	Dual specificity pr	43.10	0.00
TRINITY_sp|B5Y95truA	tRNA pseudouridine	43.10	0.00
TRINITY_sp|P7885SPBC16A3	Probable lipase C16	43.10	0.00
TRINITY_sp|P0432pol	Retrovirus-related	43.10	0.00
TRINITY_sp|Q6P2\dnajc2	DnaJ homolog subfam	43.10	0.00
TRINITY_sp|Q8GY\FRPN9B	26S proteasome non-	43.10	0.00
TRINITY_sp|Q9UG\FARP2	Poly [ADP-ribose] p	43.10	0.00
TRINITY_sp|Q0P5Vvps8	Vacuolar protein so	43.10	0.00

TRINITY_sp|Q70FC	DODA	4,5-DOPA dioxygenas	43.10	0.00
TRINITY_sp|Q9MAU	TAF6	Transcription initi	43.10	0.00
TRINITY_sp|Q8TAC	RFESD	Rieske domain-conta	43.10	0.00
TRINITY_sp|Q6IN	semc2-a	ER membrane protei	43.10	0.00
TRINITY_sp|Q3ED	TPST	Protein-tyrosine su	43.10	0.00
TRINITY_sp|Q8H1	XCT	Protein XAP5 CIRCAD	43.10	0.00
TRINITY_sp|P335	RpS7	40S ribosomal prote	43.10	0.00
TRINITY_sp|Q54P	(abkD	Probable serine/thr	43.10	0.00
TRINITY_sp|Q96N	ZMAT2	Zinc finger matrin-	43.10	0.00
TRINITY_sp|P470	PRY3	Cell wall protein P	43.10	0.00
TRINITY_sp|Q54K	rgaA	Ras GTPase-activati	43.10	0.00
TRINITY_sp|P146	Pde4c	cAMP-specific 3',5'	43.10	0.00
TRINITY_sp|P562	pcrA	ATP-dependent DNA h	43.10	0.00
TRINITY_sp|Q9SL	SLY1	SEC1 family transpo	43.10	0.00
TRINITY_sp|Q7X9	PIE1	Protein PHOTOPERIOD	43.10	0.00
TRINITY_sp|Q94A	STR6	Rhodanese-like doma	43.10	0.00
TRINITY_sp|Q8GX	FND C1	Alternative NAD(P)H	43.10	0.00
TRINITY_sp|C4L8	adk	Adenylate kinase OS	43.10	0.00
TRINITY_sp|O225	STY8	Serine/threonine-pr	43.10	0.00
TRINITY_sp|Q8W4	IBPG2	GTP-binding protein	43.10	0.00
TRINITY_sp|Q17R	(RAB21	Ras-related protein	43.10	0.00
TRINITY_sp|Q8LI	Os07g062	Putative MYST-like	43.10	0.00
TRINITY_sp|Q8H6	FSP T16	FACT complex subuni	43.10	0.00
TRINITY_sp|Q9SC	(tubA	Tubulin alpha chain	43.10	0.00
TRINITY_sp|P109	-	Retrovirus-related	43.10	0.00
TRINITY_sp|Q8IY	(DHX37	Probable ATP-depend	43.10	0.00
TRINITY_sp|Q605	(IGHM BP2	DNA-binding protein	43.10	0.00
TRINITY_sp|Q54G	(ctd spl2	CTD small phosphata	43.10	0.00
TRINITY_sp|P252	-	Cysteine proteinase	43.10	0.00
TRINITY_sp|Q9V1	(PYRAB062	tRNA (cytosine(49)-	43.00	0.00
TRINITY_sp|Q54P	(osbI	Oxysterol-binding p	43.00	0.00
TRINITY_sp|P469	GYG1	Glycogenin-1 OS=Hom	43.00	0.00
TRINITY_sp|Q8T1	(omt3	O-methyltransferase	43.00	0.00
TRINITY_sp|Q16Q	(icoq2	4-hydroxybenzoate p	43.00	0.00
TRINITY_sp|P533	(CAB4	Phosphopantetheine	43.00	0.00
TRINITY_sp|Q9SB	(AP4M	AP-4 complex subuni	43.00	0.00
TRINITY_sp|Q54V	(vps55	Vacuolar protein so	43.00	0.00
TRINITY_sp|Q9Z2	(Tulp1	Tubby-related prote	43.00	0.00
TRINITY_sp|O142	(SPAC6B12	Uncharacterized ami	43.00	0.00
TRINITY_sp|P322	(rasS	Ras-like protein ra	43.00	0.00
TRINITY_sp|A1CV	(gar1	H/ACA ribonucleopro	43.00	0.00
TRINITY_sp|Q102	(SPAC4G9	Uncharacterized mit	43.00	0.00
TRINITY_sp|A6QR	(RAB6B	Ras-related protein	43.00	0.00
TRINITY_sp|Q54S	(wdr3	WD repeat-containin	43.00	0.00
TRINITY_sp|Q4AE	(DNASE1	Deoxyribonuclease-1	43.00	0.00
TRINITY_sp|Q5EA	(MFAP1	Microfibrillar-asso	43.00	0.00
TRINITY_sp|Q5U2	(DIS31	DIS3-like exonuclea	43.00	0.00
TRINITY_sp|Q104	(stm1	Seven transmembrane	43.00	0.00
TRINITY_sp|B0G1	(rabggtb	Probable geranylger	43.00	0.00
TRINITY_sp|Q9BX	(PAPPA2	Pappalysin-2 OS=Hom	43.00	0.00
TRINITY_sp|Q8BR	(Man2a2	Alpha-mannosidase 2	43.00	0.00
TRINITY_sp|Q8RW	(NHX6	Sodium/hydrogen exc	43.00	0.00
TRINITY_sp|Q54R	(shkA	Dual specificity pr	43.00	0.00
TRINITY_sp|Q8GX	(VPS20.1	Vacuolar protein so	43.00	0.00
TRINITY_sp|Q6JQ	(ACAD10	Acyl-CoA dehydrogen	43.00	0.00
TRINITY_sp|D4AZ	(PAC1	Nuclear distributio	43.00	0.00

TRINITY_sp|P2383	SCO1	Protein SCO1, mitoc	43.00	0.00
TRINITY_sp|P3905	-	Dynein beta chain,	43.00	0.00
TRINITY_sp|Q9UVM	MRE11	Double-strand break	43.00	0.00
TRINITY_sp|P4325	COP1	E3 ubiquitin-protei	43.00	0.00
TRINITY_sp|Q8TD	(BRSK1	Serine/threonine-pr	43.00	0.00
TRINITY_sp|O744	(taf6	Transcription initi	43.00	0.00
TRINITY_sp|Q9ZR	(FH	Frataxin, mitochond	43.00	0.00
TRINITY_sp|Q8L5	(CAND1	Cullin-associated N	43.00	0.00
TRINITY_sp|Q9M1	(ABCB21	ABC transporter B f	43.00	0.00
TRINITY_sp|Q9PL	(ribD	Riboflavin biosynth	43.00	0.00
TRINITY_sp|P5994	Sirt6	NAD-dependent prote	43.00	0.00
TRINITY_sp|P4861	pelo	Protein pelota OS=D	43.00	0.00
TRINITY_sp|Q9FL	(AGD5	Probable ADP-ribosy	43.00	0.00
TRINITY_sp|Q54V	(odhA	Probable 2-oxogluta	43.00	0.00
TRINITY_sp|O807	(At1g6042	Probable nucleoredo	43.00	0.00
TRINITY_sp|O741	(pop3	Target of rapamycin	43.00	0.00
TRINITY_sp|Q9FY	(PAO	Pheophorbide a oxyg	43.00	0.00
TRINITY_sp|O154	(ABCC4	Multidrug resistanc	43.00	0.00
TRINITY_sp|P1915	Gstp1	Glutathione S-trans	43.00	0.00
TRINITY_sp|Q9ATE	(ADA2B	Transcriptional ada	43.00	0.00
TRINITY_sp|Q5A5	(NIK1	Histidine protein k	43.00	0.00
TRINITY_sp|Q2H5	(TMA22	Translation machine	43.00	0.00
TRINITY_sp|O942	(SPBC887	Probable phospholip	43.00	0.00
TRINITY_sp|P0A9	(adhE	Aldehyde-alcohol de	43.00	0.00
TRINITY_sp|Q9SH	(LSG1-1	GTPase LSG1-1 OS=Ar	43.00	0.00
TRINITY_sp|Q6T3	(Npc111	Niemann-Pick C1-lik	43.00	0.00
TRINITY_sp|P307	(ZMO1242	Uncharacterized pro	43.00	0.00
TRINITY_sp|O049	(-	Alpha-glucosidase O	43.00	0.00
TRINITY_sp|O751	(KDM4A	Lysine-specific dem	43.00	0.00
TRINITY_sp|Q7LH	(TY3B-I	Transposon Ty3-I Ga	43.00	0.00
TRINITY_sp|P9WQ	(treY	Putative maltooligo	42.90	0.00
TRINITY_sp|Q0VG	(Gdpd1	Glycerophosphodiester	42.90	0.00
TRINITY_sp|Q9UL	(HECTD1	E3 ubiquitin-protei	42.90	0.00
TRINITY_sp|Q5ZI	(TBCD	Tubulin-specific ch	42.90	0.00
TRINITY_sp|Q3S4	(AHK5	Histidine kinase 5	42.90	0.00
TRINITY_sp|Q9WY	(TM_0508	Uncharacterized pro	42.90	0.00
TRINITY_sp|Q9FN	(BGAL10	Beta-galactosidase	42.90	0.00
TRINITY_sp|A8WH	(narfl	Cytosolic Fe-S clus	42.90	0.00
TRINITY_sp|Q9XG	(ARAC9	Rac-like GTP-bindin	42.90	0.00
TRINITY_sp|Q9GZ	(FSEN6	Sentrin-specific pr	42.90	0.00
TRINITY_sp|Q769	(empA	Transmembrane emp24	42.90	0.00
TRINITY_sp|Q124	(TFC7	Transcription facto	42.90	0.00
TRINITY_sp|Q3TW	(Wdr70	WD repeat-containin	42.90	0.00
TRINITY_sp|Q96N	(TTC14	Tetratricopeptide r	42.90	0.00
TRINITY_sp|Q2MH	(EHT1	Serine/threonine-pr	42.90	0.00
TRINITY_sp|Q8GX	(At1g0135	Zinc finger CCCH do	42.90	0.00
TRINITY_sp|Q0JL	(Os01g061	Probable protein ph	42.90	0.00
TRINITY_sp|P312	(pab1	Polyadenylate-bindi	42.90	0.00
TRINITY_sp|O133	(ded1	ATP-dependent RNA h	42.90	0.00
TRINITY_sp|P4325	COP1	E3 ubiquitin-protei	42.90	0.00
TRINITY_sp|Q8WT	(F DUSP19	Dual specificity pr	42.90	0.00
TRINITY_sp|Q95Y	(IpefB	Penta-EF hand domai	42.90	0.00
TRINITY_sp|Q54Y	(dhkJ	Hybrid signal trans	42.90	0.00
TRINITY_sp|Q54W	(pI dB	Phospholipase D B O	42.90	0.00
TRINITY_sp|Q9FIV	(BGLU42	Beta-glucosidase 42	42.90	0.00
TRINITY_sp|Q6ZT	(TLL7	Tubulin polyglutamy	42.90	0.00

TRINITY_sp|Q9H49PIGU	Phosphatidylinosito	42.90	0.00
TRINITY_sp|A9CB2ZNF259	Zinc finger protein	42.90	0.00
TRINITY_sp|Q9BW3TPPP3	Tubulin polymerizat	42.90	0.00
TRINITY_sp|Q1824rap-1	Ras-related protein	42.90	0.00
TRINITY_sp|Q86JHrab5A	Ras-related protein	42.90	0.00
TRINITY_sp|Q29AAGA17800	Leishmanolysin-like	42.90	0.00
TRINITY_sp|Q8BXIArfrp1	ADP-ribosylation fa	42.90	0.00
TRINITY_sp|P3528Rab23	Ras-related protein	42.90	0.00
TRINITY_sp|P4685yhhW	Quercetin 2,3-dioxy	42.90	0.00
TRINITY_sp|P2207bglA	Beta-glucosidase A	42.90	0.00
TRINITY_sp|Q2368gcy-5	Receptor-type guany	42.90	0.00
TRINITY_sp|P1608NIA1	Nitrate reductase [	42.90	0.00
TRINITY_sp|A2ARIPpip5k1	Inositol hexakispho	42.90	0.00
TRINITY_sp|Q9W79cpsf2	Cleavage and polyad	42.90	0.00
TRINITY_sp|Q9VQICG9662	Putative oligosacch	42.90	0.00
TRINITY_sp|O2855hmgA	3-hydroxy-3-methylg	42.90	0.00
TRINITY_sp|P6781SEC11A	Signal peptidase co	42.90	0.00
TRINITY_sp|Q557HDDB_G027	UPF0505 protein OS=	42.90	0.00
TRINITY_sp|Q9ER7SMC4	Structural maintena	42.90	0.00
TRINITY_sp|O2215GOS12	Golgi SNAP receptor	42.90	0.00
TRINITY_sp|Q3232ybiA	N-glycosidase YbiA	42.90	0.00
TRINITY_sp|O1404SPAC2C4	Putative tRNA 2'-ph	42.90	0.00
TRINITY_sp|Q55CIDDB_G027	Probable NADH dehyd	42.90	0.00
TRINITY_sp|F4JL1IMPA2	Importin subunit al	42.90	0.00
TRINITY_sp|Q6439ATP12A	Potassium-transport	42.90	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	42.90	0.00
TRINITY_sp|Q9C6IKCS5	3-ketoacyl-CoA synt	42.90	0.00
TRINITY_sp|P2346CYR1	Adenylate cyclase O	42.90	0.00
TRINITY_sp|Q8L7MTUN	UDP-glycosyltransfe	42.90	0.00
TRINITY_sp|P9447ynbB	Uncharacterized pro	42.90	0.00
TRINITY_sp|Q6DF6isoc2	Isochorismatase dom	42.90	0.00
TRINITY_sp|Q9UR(Tf2-11	Transposon Tf2-11 p	42.90	0.00
TRINITY_sp|Q9Y21MTMR7	Myotubularin-relate	42.90	0.00
TRINITY_sp|P4262yqjG	Glutathionyl-hydroq	42.90	0.00
TRINITY_sp|Q4R53CELF4	CUGBP Elav-like fam	42.90	0.00
TRINITY_sp|P4081USP8	Ubiquitin carboxyl-	42.90	0.00
TRINITY_sp|Q7PQVAGAP0023	ADP,ATP carrier pro	42.90	0.00
TRINITY_sp|Q9LK1UVH1	DNA repair endonucl	42.90	0.00
TRINITY_sp|Q8LPQABC28	ABC transporter B f	42.90	0.00
TRINITY_sp|Q9LM2HRD3A	ERAD-associated E3	42.90	0.00
TRINITY_sp|A4QNFleng8	Leukocyte receptor	42.90	0.00
TRINITY_sp|P4877uapC	Purine permease OS=	42.90	0.00
TRINITY_sp|Q5XINTraf3ip1	TRAF3-interacting p	42.90	0.00
TRINITY_sp|B5BU2pfl3	Protein kintoun OS=	42.90	0.00
TRINITY_sp|Q9C79AERO1	Endoplasmic reticul	42.90	0.00
TRINITY_sp|P1097-	Retrovirus-related	42.90	0.00
TRINITY_sp|P1097-	Retrovirus-related	42.90	0.00
TRINITY_sp|Q7LH(TY3B-I	Transposon Ty3-I Ga	42.90	0.00
TRINITY_sp|Q5566mad211-1	Mitotic spindle ass	42.90	0.00
TRINITY_sp|P0423CD74	HLA class II histoc	42.90	0.00
TRINITY_sp|Q6NSMzgc:661	(Serine/threonine-pr	42.90	0.00
TRINITY_sp|Q2YDFANAPC10	Anaphase-promoting	42.90	0.00
TRINITY_sp|P3396bsr	Blasticidin-S deami	42.90	0.00
TRINITY_sp|A5DIIDHH1	ATP-dependent RNA h	42.90	0.00
TRINITY_sp|Q94ADLD	D-lactate dehydroge	42.80	0.00
TRINITY_sp|Q9UJ8HACL1	2-hydroxyacyl-CoA 1	42.80	0.00

TRINITY_sp|Q9USVSPBC21B1	Uncharacterized pro	42.80	0.00
TRINITY_sp|Q9VHYTaf7	Transcription initi	42.80	0.00
TRINITY_sp|Q9SVzAt4g314f	Coatomer subunit be	42.80	0.00
TRINITY_sp|Q55E(sys1	Protein SYS1 homolo	42.80	0.00
TRINITY_sp|F4IA1THO2	THO complex subunit	42.80	0.00
TRINITY_sp|Q9DBFNaa16	N-alpha-acetyltrans	42.80	0.00
TRINITY_sp|Q9P2IFAM135A	Protein FAM135A OS=	42.80	0.00
TRINITY_sp|Q993fVCX1	Vacuolar calcium io	42.80	0.00
TRINITY_sp|A6N6Wdr35	WD repeat-containin	42.80	0.00
TRINITY_sp|Q6NR(noc41-a	Nucleolar complex p	42.80	0.00
TRINITY_sp|O5284bgaM	Beta-galactosidase	42.80	0.00
TRINITY_sp|Q146fBMS1	Ribosome biogenesis	42.80	0.00
TRINITY_sp|Q9LDFBETAA-AI	Beta-adaptin-like p	42.80	0.00
TRINITY_sp|Q9C5fPFK7	ATP-dependent 6-pho	42.80	0.00
TRINITY_sp|Q9SDfGDPD6	Glycerophosphodiester	42.80	0.00
TRINITY_sp|P0CQfTIF1	ATP-dependent RNA h	42.80	0.00
TRINITY_sp|Q7SXMprpf31	U4/U6 small nuclear	42.80	0.00
TRINITY_sp|Q9LVfAt5g667f	Probable protein ph	42.80	0.00
TRINITY_sp|P617falaS	Alanine--tRNA ligas	42.80	0.00
TRINITY_sp|Q1101Npepps	Puromycin-sensitive	42.80	0.00
TRINITY_sp|Q9FPfRBP45A	Polyadenylate-bindi	42.80	0.00
TRINITY_sp|P153frrpa1	DNA-directed RNA po	42.80	0.00
TRINITY_sp|Q7T3frrab13	Ras-related protein	42.80	0.00
TRINITY_sp|Q8VCfPlbd1	Phospholipase B-lik	42.80	0.00
TRINITY_sp|F4IYMDEX1	Protein DEFECTIVE I	42.80	0.00
TRINITY_sp|Q8GTFPU1	Pullulanase 1, chlo	42.80	0.00
TRINITY_sp|O500fFIM2	Fimbrin-2 OS=Arabid	42.80	0.00
TRINITY_sp|Q9C6fIKCS5	3-ketoacyl-CoA synt	42.80	0.00
TRINITY_sp|Q9BWfTARS2	Threonine--tRNA lig	42.70	0.00
TRINITY_sp|Q1RIRBE_069f	SCO2-like protein R	42.70	0.00
TRINITY_sp|Q0MQfNDUFAB1	Acyl carrier protei	42.70	0.00
TRINITY_sp|Q278fDYH1B	Cytoplasmic dynein	42.70	0.00
TRINITY_sp|B0M0fgefL	Ras guanine nucleot	42.70	0.00
TRINITY_sp|Q504fRab26	Ras-related protein	42.70	0.00
TRINITY_sp|Q68BfTK1108	Phosphoglucomutase/	42.70	0.00
TRINITY_sp|Q7ZVfAbhd17c	Protein ABHD17C OS=	42.70	0.00
TRINITY_sp|O809fAGD7	ADP-ribosylation fa	42.70	0.00
TRINITY_sp|Q8K2fNmrA1	NmrA-like family do	42.70	0.00
TRINITY_sp|Q135fPIN1	Peptidyl-prolyl cis	42.70	0.00
TRINITY_sp|Q29FfGA18292	Ubiquitin thioester	42.70	0.00
TRINITY_sp|F4JXfINRPC1	DNA-directed RNA po	42.70	0.00
TRINITY_sp|O149fRAB29	Ras-related protein	42.70	0.00
TRINITY_sp|Q8L7fBSL1	Serine/threonine-pr	42.70	0.00
TRINITY_sp|Q9FNfNAGLU	Alpha-N-acetylgluco	42.70	0.00
TRINITY_sp|Q016f-	Bacterial leucyl am	42.70	0.00
TRINITY_sp|Q54Bfvttc27	Tetratricopeptide r	42.70	0.00
TRINITY_sp|O803fRPL17	50S ribosomal prote	42.70	0.00
TRINITY_sp|Q410fSBEI	1,4-alpha-glucan-br	42.70	0.00
TRINITY_sp|Q8TBfSPATA20	Spermatogenesis-ass	42.70	0.00
TRINITY_sp|Q75BfMCA1	Metacaspase-1 OS=As	42.70	0.00
TRINITY_sp|Q54Mfdnajc3	DnaJ homolog subfam	42.70	0.00
TRINITY_sp|Q055fHRQ1	ATP-dependent helic	42.70	0.00
TRINITY_sp|Q75BfADL233W	Leukotriene A-4 hyd	42.70	0.00
TRINITY_sp|Q7Z5fBRAP	BRCA1-associated pr	42.70	0.00
TRINITY_sp|Q9H8fDDX31	Probable ATP-depend	42.70	0.00
TRINITY_sp|A1JKfYE1008	tRNA1(Val) (adenine	42.70	0.00

TRINITY_sp|Q8WTFDUSP19	Dual specificity pr	42.70	0.00
TRINITY_sp|Q9HD2ATP13A1	Manganese-transport	42.70	0.00
TRINITY_sp|Q54Q(dhkG	Hybrid signal trans	42.70	0.00
TRINITY_sp|Q55G\UDB_G026	Probable serine/thr	42.70	0.00
TRINITY_sp|Q8C0IEfl1	Elongation factor-1	42.70	0.00
TRINITY_sp|Q6MEHtruA1	tRNA pseudouridine	42.70	0.00
TRINITY_sp|Q8BQ\Zdhhc14	Probable palmitoylt	42.70	0.00
TRINITY_sp|Q9ST2PHOT2	Phototropin-2 OS=Or	42.70	0.00
TRINITY_sp|P384(GNAI1	Guanine nucleotide-	42.70	0.00
TRINITY_sp|Q9SS4APUM4	Pumilio homolog 4 O	42.70	0.00
TRINITY_sp|E9Q8IDnajc21	DnaJ homolog subfam	42.70	0.00
TRINITY_sp|Q9LS2GTE12	Transcription facto	42.70	0.00
TRINITY_sp|P563Usp5	Ubiquitin carboxyl-	42.70	0.00
TRINITY_sp|F4KE(EMB2247	Valine--tRNA ligase	42.70	0.00
TRINITY_sp|Q24U\crpsO	30S ribosomal prote	42.70	0.00
TRINITY_sp|P4959PP2CA	Protein phosphatase	42.70	0.00
TRINITY_sp|Q6TG\ATG9	Autophagy-related p	42.70	0.00
TRINITY_sp|Q6421Sf1	Splicing factor 1 O	42.70	0.00
TRINITY_sp|Q5VREBASS2	Probable sodium/met	42.70	0.00
TRINITY_sp|Q5BB4tah18	NADPH-dependent dif	42.70	0.00
TRINITY_sp|Q010(Pdelb	Calcium/calmodulin-	42.70	0.00
TRINITY_sp|Q9BW\TPPP3	Tubulin polymerizat	42.70	0.00
TRINITY_sp|O6033MAPKBP1	Mitogen-activated p	42.70	0.00
TRINITY_sp|P7614sad	Succinate semialdeh	42.60	0.00
TRINITY_sp|H2L0Fchat-1	CDC50 family protei	42.60	0.00
TRINITY_sp|Q93V(At4g1748	DeSI-like protein A	42.60	0.00
TRINITY_sp|Q86C(tor	Target of rapamycin	42.60	0.00
TRINITY_sp|P2212-	Ras-related protein	42.60	0.00
TRINITY_sp|Q72A\acps	Holo-[acyl-carrier-	42.60	0.00
TRINITY_sp|Q55BNH3b	Histone H3.3 type b	42.60	0.00
TRINITY_sp|Q1971F22B5.10	Calcium load-activa	42.60	0.00
TRINITY_sp|Q9LZ\FERDJ3B	DnaJ protein ERDJ3B	42.60	0.00
TRINITY_sp|Q54YI\fol1	Folic acid synthesi	42.60	0.00
TRINITY_sp|Q8RW\NDT2	Nicotinamide adenin	42.60	0.00
TRINITY_sp|Q5AU(nmrA	Nitrogen metabolite	42.60	0.00
TRINITY_sp|D4B0\ARB_0207	Probable glucan end	42.60	0.00
TRINITY_sp|Q8K3I\Tdh	L-threonine 3-dehyd	42.60	0.00
TRINITY_sp|Q9NCI\pitB	Phosphatidylinosito	42.60	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	42.60	0.00
TRINITY_sp|Q9HC(TMEM165	Transmembrane prote	42.60	0.00
TRINITY_sp|O1563RPS19	40S ribosomal prote	42.60	0.00
TRINITY_sp|A1A4\ATP9B	Probable phospholip	42.60	0.00
TRINITY_sp|P4412\ligA	DNA ligase OS=Haemo	42.60	0.00
TRINITY_sp|Q3UW\Fgucy2c	Heat-stable enterot	42.60	0.00
TRINITY_sp|O0199\efk-1	Eukaryotic elongati	42.60	0.00
TRINITY_sp|Q0712\maoI	Primary amine oxida	42.60	0.00
TRINITY_sp|F4JA\ASKI2	DExH-box ATP-depend	42.60	0.00
TRINITY_sp|O8073\TPS10	Probable alpha,alph	42.60	0.00
TRINITY_sp|Q93V\FPPCK2	Phosphoenolpyruvate	42.60	0.00
TRINITY_sp|Q9FE1\SRT1	NAD-dependent prote	42.60	0.00
TRINITY_sp|Q9FVV\UPF3	Regulator of nonsen	42.60	0.00
TRINITY_sp|Q9ZU\VAC14	Protein VAC14 homol	42.60	0.00
TRINITY_sp|P391(YCF1	Metal resistance pr	42.60	0.00
TRINITY_sp|A2ZM\FNEK2	Serine/threonine-pr	42.60	0.00
TRINITY_sp|Q9C7C\PUB45	U-box domain-contai	42.60	0.00
TRINITY_sp|Q564\FCAPH	Condensin complex s	42.60	0.00

TRINITY_sp|P0AB6nth	Endonuclease III OS	42.60	0.00
TRINITY_sp|P5153SMARCA4	Transcription activ	42.60	0.00
TRINITY_sp|Q9ZNV\AHP1	Histidine-containin	42.60	0.00
TRINITY_sp|Q08D0AAR2	Protein AAR2 homolo	42.60	0.00
TRINITY_sp|Q9JIC\Clrela	DNA cross-link repa	42.60	0.00
TRINITY_sp|O7438\SPBC3H7	Uncharacterized met	42.60	0.00
TRINITY_sp|Q55G0DDB_G026	Probable serine/thr	42.60	0.00
TRINITY_sp|O6583\CRTL-E-1	Lycopene epsilon cy	42.60	0.00
TRINITY_sp|Q8LH0CYP734A5	Cytochrome P450 734	42.60	0.00
TRINITY_sp|Q9239\spm1	Mitogen-activated p	42.60	0.00
TRINITY_sp|Q9VHF\Kdm2	JmjC domain-contain	42.60	0.00
TRINITY_sp|P0881\CBP2	Serine carboxypepti	42.60	0.00
TRINITY_sp|Q54X0DDB_G027	Probable serine/thr	42.60	0.00
TRINITY_sp|Q94J0\PUX7	Plant UBX domain-co	42.60	0.00
TRINITY_sp|P5399\SEC24C	Protein transport p	42.60	0.00
TRINITY_sp|Q6BJV\INV	Invertase OS=Debary	42.60	0.00
TRINITY_sp|Q0981\nmd3	60S ribosomal expor	42.60	0.00
TRINITY_sp|P5520\GUCY2D	Retinal guanylyl cy	42.60	0.00
TRINITY_sp|Q5I00\slc30a8	Zinc transporter 8	42.60	0.00
TRINITY_sp|C0LGM\LRR-RLK	Probable leucine-ri	42.60	0.00
TRINITY_sp|Q3910\XI-1	Myosin-5 OS=Arabido	42.60	0.00
TRINITY_sp|Q5F38\PIGM	GPI mannosyltransfe	42.60	0.00
TRINITY_sp|P3820\NCL1	Multisite-specific	42.60	0.00
TRINITY_sp|Q54R0\trappc2	Trafficking protein	42.60	0.00
TRINITY_sp|Q54N0DDB_G028	Isochorismatase fam	42.60	0.00
TRINITY_sp|P5460\cprD	Cysteine proteinase	42.50	0.00
TRINITY_sp|A5DN0\YPI1	Type 1 phosphatases	42.50	0.00
TRINITY_sp|A2XD0\UBP26	Ubiquitin carboxyl-	42.50	0.00
TRINITY_sp|P1401\ODC1	Ornithine decarboxy	42.50	0.00
TRINITY_sp|Q6P30\rnf121	RING finger protein	42.50	0.00
TRINITY_sp|Q6DF0\Ncoa7	Nuclear receptor co	42.50	0.00
TRINITY_sp|Q6FZ0\engB	Probable GTP-bindin	42.50	0.00
TRINITY_sp|P4080\Odc1	Ornithine decarboxy	42.50	0.00
TRINITY_sp|O2220\CKI1	Histidine kinase CK	42.50	0.00
TRINITY_sp|Q55B0\nek2	Probable serine/thr	42.50	0.00
TRINITY_sp|Q6110\Mapre1	Microtubule-associa	42.50	0.00
TRINITY_sp|A0NG1\AGAP0121	Transmembrane prote	42.50	0.00
TRINITY_sp|Q8GY0\CAT3	Cationic amino acid	42.50	0.00
TRINITY_sp|Q8N50\EIF4E3	Eukaryotic translat	42.50	0.00
TRINITY_sp|Q9S70\MKK2	Mitogen-activated p	42.50	0.00
TRINITY_sp|Q59P0\VMA2	V-type proton ATPas	42.50	0.00
TRINITY_sp|O1580\CPK2	Calcium-dependent p	42.50	0.00
TRINITY_sp|Q5ZM0\USP48	Ubiquitin carboxyl-	42.50	0.00
TRINITY_sp|O0870\Ogg1	N-glycosylase/DNA 1	42.50	0.00
TRINITY_sp|Q6DD0\zc3h15	Zinc finger CCCH do	42.50	0.00
TRINITY_sp|Q0VF0\kctd7	BTB/POZ domain-cont	42.50	0.00
TRINITY_sp|Q55B0\ufd1	Ubiquitin fusion de	42.50	0.00
TRINITY_sp|Q8IB0\CPK4	Calcium-dependent p	42.50	0.00
TRINITY_sp|Q54P0DDB_G029	Stromal cell-derive	42.50	0.00
TRINITY_sp|Q9FV0\CSN5A	COP9 signalosome co	42.50	0.00
TRINITY_sp|Q1ZX0\gxcDD	Guanine exchange fa	42.50	0.00
TRINITY_sp|P6040\PTEN	Phosphatidylinosito	42.50	0.00
TRINITY_sp|Q54L0\jcdC	JmjC domain-contain	42.50	0.00
TRINITY_sp|Q8RY0\NUP98A	Nuclear pore comple	42.50	0.00
TRINITY_sp|Q8WN0\ITPR2	Inositol 1,4,5-tris	42.50	0.00
TRINITY_sp|F4K50\RVE2	Protein REVEILLE 2	42.50	0.00

TRINITY_sp|Q9SDIHMT-1	Homocysteine S-meth	42.50	0.00
TRINITY_sp|Q0759sav	Protein SAV OS=Sulf	42.50	0.00
TRINITY_sp|P0C11cyp5	Peptidyl-prolyl cis	42.50	0.00
TRINITY_sp|Q9TX6cmk-1	Calcium/calmodulin-	42.50	0.00
TRINITY_sp|Q9SH8BSL3	Serine/threonine-pr	42.50	0.00
TRINITY_sp|Q9M01NSF	Vesicle-fusing ATPa	42.50	0.00
TRINITY_sp|P2187GART	Trifunctional purin	42.50	0.00
TRINITY_sp|F4JN1APE2	DNA-(apurinic or ap	42.50	0.00
TRINITY_sp|A2WNEARP6	Actin-related prote	42.50	0.00
TRINITY_sp|P2525-	Cysteine proteinase	42.50	0.00
TRINITY_sp|P1408-	Chymopapain OS=Cari	42.50	0.00
TRINITY_sp|P5291VPS4	Vacuolar protein so	42.50	0.00
TRINITY_sp|P7403rsmI	Ribosomal RNA small	42.50	0.00
TRINITY_sp|Q0972trm112	Multifunctional met	42.50	0.00
TRINITY_sp|Q64J1PIMT2	Protein-L-isoaspart	42.50	0.00
TRINITY_sp|P982(ALA2	Phospholipid-transp	42.50	0.00
TRINITY_sp|Q9BU1MSTO1	Protein misato homo	42.50	0.00
TRINITY_sp|F4JA1P4H2	Prolyl 4-hydroxylas	42.50	0.00
TRINITY_sp|P5777EEFSEC	Selenocysteine-spec	42.50	0.00
TRINITY_sp|Q91W1Slc22a7	Solute carrier fami	42.50	0.00
TRINITY_sp|P3716-	Actophorin OS=Acant	42.50	0.00
TRINITY_sp|Q08BVzgc:154(	Uncharacterized pro	42.50	0.00
TRINITY_sp|P1097-	Retrovirus-related	42.50	0.00
TRINITY_sp|Q87A1PD_1892	UPF0394 membrane pr	42.50	0.00
TRINITY_sp|Q502(tmem41aa	Transmembrane prote	42.50	0.00
TRINITY_sp|O5979ark1	Serine/threonine-pr	42.50	0.00
TRINITY_sp|Q8BH8Napepld	N-acyl-phosphatidyl	42.50	0.00
TRINITY_sp|Q6517Os09g057	P-loop NTPase domai	42.50	0.00
TRINITY_sp|Q9M29CEF	Protein transport p	42.50	0.00
TRINITY_sp|P1097-	Retrovirus-related	42.50	0.00
TRINITY_sp|Q54X2mfeB	Probable enoyl-CoA	42.40	0.00
TRINITY_sp|Q4FZVseh11-a	Nucleoporin seh1-A	42.40	0.00
TRINITY_sp|Q54R1dhkL	Hybrid signal trans	42.40	0.00
TRINITY_sp|Q5NC(Ttf2	Transcription termi	42.40	0.00
TRINITY_sp|P6299RAC1	Ras-related C3 botu	42.40	0.00
TRINITY_sp|Q8RU1NLP3	Omega-amidase, chlo	42.40	0.00
TRINITY_sp|P2066Prim1	DNA primase small s	42.40	0.00
TRINITY_sp|Q2KJ4PPP2R4	Serine/threonine-pr	42.40	0.00
TRINITY_sp|Q3ABIcoaE	Dephospho-CoA kinas	42.40	0.00
TRINITY_sp|Q9LD1DWF5	7-dehydrocholester	42.40	0.00
TRINITY_sp|Q1418DOCK1	Dedicator of cytoki	42.40	0.00
TRINITY_sp|A4QQ(FMN1	Riboflavin kinase O	42.40	0.00
TRINITY_sp|P2042pyrK	UMP-CMP kinase OS=D	42.40	0.00
TRINITY_sp|Q3T01CTSH	Pro-cathepsin H OS=	42.40	0.00
TRINITY_sp|Q8H0VHDA9	Histone deacetylase	42.40	0.00
TRINITY_sp|Q08B2alg11	GDP-Man:Man(3)GlcNA	42.40	0.00
TRINITY_sp|P0776SI	Sucrase-isomaltase,	42.40	0.00
TRINITY_sp|P5025ALTA	Tubulin alpha-1A ch	42.40	0.00
TRINITY_sp|Q9253GBF1	Golgi-specific bref	42.40	0.00
TRINITY_sp|Q6AI(HEATR6	HEAT repeat-contain	42.40	0.00
TRINITY_sp|Q9307TATDN2	Putative deoxyribon	42.40	0.00
TRINITY_sp|P5344CTN	Caltractin OS=Naegl	42.40	0.00
TRINITY_sp|Q6AY6Nudt5	ADP-sugar pyrophosp	42.40	0.00
TRINITY_sp|Q1ZX1DDB_G027	Probable serine/thr	42.40	0.00
TRINITY_sp|F4J52SRFR1	Suppressor of RPS4-	42.40	0.00
TRINITY_sp|Q8IY1TRMT44	Probable tRNA (urac	42.40	0.00

TRINITY_sp|Q54S7vps15	Probable serine/thr	42.40	0.00
TRINITY_sp|Q9SVR8BG2	Glycine-rich RNA-bi	42.40	0.00
TRINITY_sp|O4339TXNL1	Thioredoxin-like pr	42.40	0.00
TRINITY_sp|Q9J57FPV151	Probable deoxycytid	42.40	0.00
TRINITY_sp|Q54T9yipf1	Protein YIPF1 homol	42.40	0.00
TRINITY_sp|Q5RD9TEX10	Testis-expressed se	42.40	0.00
TRINITY_sp|P1967yqxC	Putative rRNA methy	42.40	0.00
TRINITY_sp|Q54P7DDB_G028	OTU domain-containi	42.40	0.00
TRINITY_sp|Q86C6tor	Target of rapamycin	42.40	0.00
TRINITY_sp|Q8INF8Akt1	RAC serine/threonin	42.40	0.00
TRINITY_sp|Q54CIhe1A	ATP-dependent RNA h	42.40	0.00
TRINITY_sp|Q72Q2hppA	Putative K(+)-stimu	42.40	0.00
TRINITY_sp|A2YM3PDRP1	Probable pyruvate,	42.40	0.00
TRINITY_sp|P9296RS41	Serine/arginine-ric	42.40	0.00
TRINITY_sp|Q9M11At3g5446	F-box protein At3g5	42.40	0.00
TRINITY_sp|Q9SR9At3g0893	LIMR family protein	42.40	0.00
TRINITY_sp|Q9FV1AMT1-3	Ammonium transporte	42.40	0.00
TRINITY_sp|Q54B1abcB2	ABC transporter B f	42.40	0.00
TRINITY_sp|P6186aptx	Aprataxin OS=Takifu	42.40	0.00
TRINITY_sp|P4457arcB	Aerobic respiration	42.40	0.00
TRINITY_sp|Q6GLV6alyref-k	THO complex subunit	42.40	0.00
TRINITY_sp|Q1236RIB2	Bifunctional protei	42.40	0.00
TRINITY_sp|Q54Y1copb2	Coatomer subunit be	42.40	0.00
TRINITY_sp|O1511NPC1	Niemann-Pick C1 pro	42.40	0.00
TRINITY_sp|Q9AT1UVH3	DNA repair protein	42.40	0.00
TRINITY_sp|O0471MSH6	DNA mismatch repair	42.40	0.00
TRINITY_sp|P4845Ppp3cc	Serine/threonine-pr	42.40	0.00
TRINITY_sp|Q54B1fhkA	Probable serine/thr	42.40	0.00
TRINITY_sp|P5467pata	Calcium-transportin	42.40	0.00
TRINITY_sp|P4916CPK2	Calcium-dependent p	42.40	0.00
TRINITY_sp|Q5XI6Alkbh3	Alpha-ketoglutarate	42.40	0.00
TRINITY_sp|Q8GY2UPL1	E3 ubiquitin-protei	42.40	0.00
TRINITY_sp|Q9V55Cyp4p2	Probable cytochrome	42.40	0.00
TRINITY_sp|Q9PW7DUSP4	Dual specificity pr	42.40	0.00
TRINITY_sp|O7014Tesk1	Dual specificity te	42.40	0.00
TRINITY_sp|P4916CPK2	Calcium-dependent p	42.40	0.00
TRINITY_sp|Q3UG1Wdr19	WD repeat-containin	42.30	0.00
TRINITY_sp|Q9FMM8RHG1A	Probable E3 ubiquit	42.30	0.00
TRINITY_sp|Q69T1PRXIIIE-1	Peroxiredoxin-2E-1,	42.30	0.00
TRINITY_sp|Q94A7At3g0947	UNC93-like protein	42.30	0.00
TRINITY_sp|Q86H6abcG8	ABC transporter G f	42.30	0.00
TRINITY_sp|O5202arsM	Putative arsenite m	42.30	0.00
TRINITY_sp|Q1E71TPC1	Mitochondrial thiam	42.30	0.00
TRINITY_sp|Q94B1ATL75	RING-H2 finger prot	42.30	0.00
TRINITY_sp|Q1252SET6	Potential protein l	42.30	0.00
TRINITY_sp|Q54R5DDB_G028	Probable tyrosine-p	42.30	0.00
TRINITY_sp|P0C61Dnah2	Dynein heavy chain	42.30	0.00
TRINITY_sp|Q0296amyA	Alpha-amylase A OS=	42.30	0.00
TRINITY_sp|Q9SC9At3g5052	Phosphoglycerate mu	42.30	0.00
TRINITY_sp|Q6U11SGK1	Serine/threonine-pr	42.30	0.00
TRINITY_sp|D4AC1Recq15	ATP-dependent DNA h	42.30	0.00
TRINITY_sp|Q61Y6CBG03556	Leishmanolysin-like	42.30	0.00
TRINITY_sp|P3937iadA	Isoaspartyl dipepti	42.30	0.00
TRINITY_sp|Q4V86Lrrc56	Leucine-rich repeat	42.30	0.00
TRINITY_sp|P1056MIC	Myosin IC heavy cha	42.30	0.00
TRINITY_sp|P0533p20	Uncharacterized N-a	42.30	0.00

TRINITY_sp|Q9FWGHAC12	Histone acetyltrans	42.30	0.00
TRINITY_sp|Q949YUBP6	Ubiquitin carboxyl-	42.30	0.00
TRINITY_sp|Q8GWWGFA2	Chaperone protein d	42.30	0.00
TRINITY_sp|Q9XYIfcpA	Probable C-terminal	42.30	0.00
TRINITY_sp|Q54UCdnapkcs	DNA-dependent prote	42.30	0.00
TRINITY_sp|Q9D83Dnajb4	DnaJ homolog subfam	42.30	0.00
TRINITY_sp|Q3886XPB1	DNA repair helicase	42.30	0.00
TRINITY_sp|P5831atpla3	Sodium/potassium-tr	42.30	0.00
TRINITY_sp|Q6AZIimmp21	Mitochondrial inner	42.30	0.00
TRINITY_sp|F4ID3Atlg1891	Zinc finger protein	42.30	0.00
TRINITY_sp|Q8GUFPI52	Probable CDP-diacyl	42.30	0.00
TRINITY_sp|P3246pab	Para-aminobenzoate	42.30	0.00
TRINITY_sp|Q6BZ3TIM22	Mitochondrial impor	42.30	0.00
TRINITY_sp|Q3166dnaJ	Chaperone protein D	42.30	0.00
TRINITY_sp|Q5D01mettl10	Protein-lysine N-me	42.30	0.00
TRINITY_sp|Q5533p2xB	P2X receptor B OS=D	42.30	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	42.30	0.00
TRINITY_sp|Q8LF6RBL19	Rhomboid-like prote	42.30	0.00
TRINITY_sp|P4856-	Cytochrome b-cl com	42.30	0.00
TRINITY_sp|D3ZG6Ocr1	Inositol polyphosph	42.30	0.00
TRINITY_sp|P1346abpC	Gelation factor OS=	42.30	0.00
TRINITY_sp|Q9FM6PI4KB1	Phosphatidylinosito	42.30	0.00
TRINITY_sp|Q17QITMEM1846	Transmembrane prote	42.30	0.00
TRINITY_sp|Q8SS6UGP1	UTP--glucose-1-phos	42.30	0.00
TRINITY_sp|Q9XHMTIF3C1	Eukaryotic translat	42.30	0.00
TRINITY_sp|P7049Pld1	Phospholipase D1 OS	42.30	0.00
TRINITY_sp|P2781PDE4A	cAMP-specific 3',5'	42.30	0.00
TRINITY_sp|Q9FZIMGD	Probable monogalact	42.30	0.00
TRINITY_sp|Q7KW6exosc3	Putative exosome co	42.30	0.00
TRINITY_sp|B2S71acsa	Acetyl-coenzyme A s	42.30	0.00
TRINITY_sp|P2536mlkA	Myosin light chain	42.30	0.00
TRINITY_sp|Q8H16At2g3446	Uncharacterized pro	42.30	0.00
TRINITY_sp|Q6D76lacZ	Beta-galactosidase	42.30	0.00
TRINITY_sp|Q8L86PIP5K9	Phosphatidylinosito	42.30	0.00
TRINITY_sp|Q5591DDB_G027	Probable serine/thr	42.30	0.00
TRINITY_sp|P2577Os04g066	Oryzain alpha chain	42.30	0.00
TRINITY_sp|Q8VII Dhrs4	Dehydrogenase/reduc	42.30	0.00
TRINITY_sp|Q8LP7R1	Alpha-glucan water	42.30	0.00
TRINITY_sp|P1097-	Retrovirus-related	42.30	0.00
TRINITY_sp|Q8WX6DNAH7	Dynein heavy chain	42.30	0.00
TRINITY_sp|O0096arfA	ADP-ribosylation fa	42.30	0.00
TRINITY_sp|Q84M6ABCA1	ABC transporter A f	42.30	0.00
TRINITY_sp|O0486SAR1A	GTP-binding protein	42.30	0.00
TRINITY_sp|Q8VX6AGAL3	Alpha-galactosidase	42.20	0.00
TRINITY_sp|Q7PLJCG17528	Serine/threonine-pr	42.20	0.00
TRINITY_sp|O9411nudG	Dynein light chain,	42.20	0.00
TRINITY_sp|Q9UT6eng1	Endo-1,3(4)-beta-gl	42.20	0.00
TRINITY_sp|Q4E16Tc00.106	Probable eukaryotic	42.20	0.00
TRINITY_sp|Q54QJDDDB_G028	Serine/threonine-pr	42.20	0.00
TRINITY_sp|A8ISNARL3	ADP-ribosylation fa	42.20	0.00
TRINITY_sp|Q54J6alg5	Dolichyl-phosphate	42.20	0.00
TRINITY_sp|Q9Y26AKT3	RAC-gamma serine/th	42.20	0.00
TRINITY_sp|Q32L6ARFRP1	ADP-ribosylation fa	42.20	0.00
TRINITY_sp|Q5R96VMP1	Vacuole membrane pr	42.20	0.00
TRINITY_sp|Q0J76Os08g017	Phosphopantothenate	42.20	0.00
TRINITY_sp|Q54R6fntA	Protein farnesyltra	42.20	0.00

TRINITY_sp|Q9H88MOB1A	MOB kinase activato	42.20	0.00
TRINITY_sp|O440(HSP90	Heat shock protein	42.20	0.00
TRINITY_sp|F4HP2LIG6	DNA ligase 6 OS=Ara	42.20	0.00
TRINITY_sp|Q9Y07ctxA	Cortexillin-1 OS=Po	42.20	0.00
TRINITY_sp|P4802gacS	Sensor protein GacS	42.20	0.00
TRINITY_sp|Q5UQ(MIMI_R81	Putative serine/thr	42.20	0.00
TRINITY_sp|P4245cobA	Uroporphyrinogen-II	42.20	0.00
TRINITY_sp|Q30W1truB	tRNA pseudouridine	42.20	0.00
TRINITY_sp|Q9C58RFC1	Replication factor	42.20	0.00
TRINITY_sp|O7445scw1	Cell wall integrity	42.20	0.00
TRINITY_sp|Q9H78SMYD3	Histone-lysine N-me	42.20	0.00
TRINITY_sp|Q2NL8TSR1	Pre-rRNA-processing	42.20	0.00
TRINITY_sp|Q9M9URKD1	Protein RKD1 OS=Ara	42.20	0.00
TRINITY_sp|Q55B1mela	Probable alpha-gala	42.20	0.00
TRINITY_sp|P4262yqjG	Glutathionyl-hydroq	42.20	0.00
TRINITY_sp|Q9FW2ABCB11	ABC transporter B f	42.20	0.00
TRINITY_sp|Q8IYIGSPT2	Eukaryotic peptide	42.20	0.00
TRINITY_sp|Q9FI(AGD9	Probable ADP-ribosy	42.20	0.00
TRINITY_sp|O7035Hsd17b1(	3-hydroxyacyl-CoA d	42.20	0.00
TRINITY_sp|P0A97tas	Protein tas OS=Esch	42.20	0.00
TRINITY_sp|Q6FV(IPL1	Spindle assembly ch	42.20	0.00
TRINITY_sp|Q6AX(Mtm1	Myotubularin OS=Rat	42.20	0.00
TRINITY_sp|Q8WYHNG5	Inhibitor of growth	42.20	0.00
TRINITY_sp|Q6DJMttamm41	Phosphatidate cytid	42.20	0.00
TRINITY_sp|A6WYHfmt	Methionyl-tRNA form	42.20	0.00
TRINITY_sp|P134(abpC	Gelation factor OS=	42.20	0.00
TRINITY_sp|P5303YIP1	Protein transport p	42.20	0.00
TRINITY_sp|P4973-	Ribonucleoside-diph	42.20	0.00
TRINITY_sp|Q9D9FRnf125	E3 ubiquitin-protei	42.20	0.00
TRINITY_sp|Q0WU(MTP10	Metal tolerance pro	42.20	0.00
TRINITY_sp|Q8W49PTC52	Protochlorophyllide	42.20	0.00
TRINITY_sp|O6088BRD4	Bromodomain-contain	42.20	0.00
TRINITY_sp|Q9444OST48	Dolichyl-diphosphoo	42.20	0.00
TRINITY_sp|Q8VEHCbwd1	COBW domain-contain	42.20	0.00
TRINITY_sp|Q8LPFABCA8	ABC transporter A f	42.20	0.00
TRINITY_sp|F4KBIAAE17	Probable acyl-activ	42.20	0.00
TRINITY_sp|Q9NZ(SACS	Sacsin OS=Homo sapi	42.20	0.00
TRINITY_sp|Q8VY7RS2Z33	Serine/arginine-ric	42.20	0.00
TRINITY_sp|Q9QXIKif21a	Kinesin-like protei	42.20	0.00
TRINITY_sp|Q54IHDDB_G028	Probable serine/thr	42.20	0.00
TRINITY_sp|Q9VTURhoGAP68	Rho GTPase-activati	42.20	0.00
TRINITY_sp|Q9LWMCIPK5	CBL-interacting pro	42.10	0.00
TRINITY_sp|Q9CPIIipf	Gastric triacylglyc	42.10	0.00
TRINITY_sp|Q9P7(alg9	Alpha-1,2-mannosylt	42.10	0.00
TRINITY_sp|A2YS(ATG8C	Autophagy-related p	42.10	0.00
TRINITY_sp|D9HP2CNR11	Cell number regulat	42.10	0.00
TRINITY_sp|O0471MSH6	DNA mismatch repair	42.10	0.00
TRINITY_sp|Q9Y21POLR3K	DNA-directed RNA po	42.10	0.00
TRINITY_sp|P0DKCHSD4	11-beta-hydroxyster	42.10	0.00
TRINITY_sp|P116(NIA1	Nitrate reductase [	42.10	0.00
TRINITY_sp|Q9NZ1OGFR	Opioid growth facto	42.10	0.00
TRINITY_sp|Q9SB5AP4M	AP-4 complex subuni	42.10	0.00
TRINITY_sp|P5407F44G4.1	Brix domain-contain	42.10	0.00
TRINITY_sp|Q86I7ddx52	Probable ATP-depend	42.10	0.00
TRINITY_sp|Q54C(pgl	Probable 6-phosphog	42.10	0.00
TRINITY_sp|Q9283INPP5D	Phosphatidylinosito	42.10	0.00

TRINITY_sp|Q9SL\Os05g015	Importin subunit al	42.10	0.00
TRINITY_sp|Q7L9IMOB1B	MOB kinase activato	42.10	0.00
TRINITY_sp|P517\USP11	Ubiquitin carboxyl-	42.10	0.00
TRINITY_sp|P323\IRE1	Serine/threonine-pr	42.10	0.00
TRINITY_sp|O438\ATP9B	Probable phospholip	42.10	0.00
TRINITY_sp|O944\tef3	Elongation factor 3	42.10	0.00
TRINITY_sp|O652\CPN20	20 kDa chaperonin,	42.10	0.00
TRINITY_sp|Q5ZL\ZRANB2	Zinc finger Ran-bin	42.10	0.00
TRINITY_sp|Q9NZ\SACS	Sacsin OS=Homo sapi	42.10	0.00
TRINITY_sp|Q8CH\Tt115	Tubulin polyglutamy	42.10	0.00
TRINITY_sp|O821\VPS32.1	Vacuolar protein so	42.10	0.00
TRINITY_sp|O143\ubl1	Ubiquitin-like prot	42.10	0.00
TRINITY_sp|A8QC\Bml_4952	Lateral signaling t	42.10	0.00
TRINITY_sp|Q9NZ\OGFR	Opioid growth facto	42.10	0.00
TRINITY_sp|B0DZ\IAMPP	Probable Xaa-Pro am	42.10	0.00
TRINITY_sp|P252\Rab3	Ras-related protein	42.10	0.00
TRINITY_sp|Q0P4\dcakd	Dephospho-CoA kinas	42.10	0.00
TRINITY_sp|Q9LK\ALA8	Probable phospholip	42.10	0.00
TRINITY_sp|P623\CPK1	Calcium-dependent p	42.10	0.00
TRINITY_sp|Q9AS\At5g2741	Branched-chain-amin	42.10	0.00
TRINITY_sp|O157\vacA	Vacuolin-A OS=Dicty	42.10	0.00
TRINITY_sp|Q810\Kiaa0895	Uncharacterized pro	42.10	0.00
TRINITY_sp|Q54G\ctdspl2	CTD small phosphata	42.10	0.00
TRINITY_sp|Q24C\RPL14	60S ribosomal prote	42.10	0.00
TRINITY_sp|Q9XI\UGT80B1	Sterol 3-beta-gluco	42.10	0.00
TRINITY_sp|Q9TV\DHDH	Trans-1,2-dihydrobe	42.10	0.00
TRINITY_sp|Q10S\CIPK9	CBL-interacting pro	42.10	0.00
TRINITY_sp|Q88F\nicT	Putative metabolite	42.10	0.00
TRINITY_sp|P134\abpC	Gelation factor OS=	42.10	0.00
TRINITY_sp|Q86G\gcy-28	Receptor-type guany	42.10	0.00
TRINITY_sp|Q8BH\Rhbdd1	Rhomboid-related pr	42.10	0.00
TRINITY_sp|Q96M\COG8	Conserved oligomeri	42.10	0.00
TRINITY_sp|Q2Y6\irlmN	Dual-specificity RN	42.10	0.00
TRINITY_sp|O605\CDC40	Pre-mRNA-processing	42.10	0.00
TRINITY_sp|Q8T8\abcd2	ABC transporter D f	42.10	0.00
TRINITY_sp|P518\lig1	DNA ligase 1 OS=Xen	42.10	0.00
TRINITY_sp|Q6IDI\Atlg0958	Transmembrane emp24	42.10	0.00
TRINITY_sp|Q8RX\Atlg1465	Probable splicing f	42.10	0.00
TRINITY_sp|Q8RY\ABC26	ABC transporter B f	42.10	0.00
TRINITY_sp|Q272\lap-2	Putative aminopepti	42.10	0.00
TRINITY_sp|Q00I\CPL4	RNA polymerase II C	42.10	0.00
TRINITY_sp|Q96N\AIFM3	Apoptosis-inducing	42.10	0.00
TRINITY_sp|P577\EEFSEC	Selenocysteine-spec	42.10	0.00
TRINITY_sp|O432\PSMD3	26S proteasome non-	42.10	0.00
TRINITY_sp|B9DG\TAF7	Transcription initi	42.10	0.00
TRINITY_sp|B5DE\Xpnpep3	Probable Xaa-Pro am	42.10	0.00
TRINITY_sp|P419\YRB1	Ran-specific GTPase	42.10	0.00
TRINITY_sp|Q9FV\Atlg3222	Uncharacterized pro	42.10	0.00
TRINITY_sp|Q8NDV\TTC21A	Tetratricopeptide r	42.10	0.00
TRINITY_sp|Q9ZRI\YKT61	VAMP-like protein Y	42.10	0.00
TRINITY_sp|Q55C\tppl	Tripeptidyl-peptida	42.10	0.00
TRINITY_sp|Q0P5\Tppp2	Tubulin polymerizat	42.10	0.00
TRINITY_sp|P484\Tbca	Tubulin-specific ch	42.10	0.00
TRINITY_sp|A0AV\UBA6	Ubiquitin-like modi	42.10	0.00
TRINITY_sp|O428\ski6	Exosome complex com	42.10	0.00
TRINITY_sp|Q54P\lmem1847	Transmembrane prote	42.00	0.00

TRINITY_sp|P9089F56F10.1	Putative serine pro	42.00	0.00
TRINITY_sp|P9734Nxn	Nucleoredoxin OS=Mu	42.00	0.00
TRINITY_sp|Q7TSIKif15	Kinesin-like protei	42.00	0.00
TRINITY_sp|Q6XHZroco9	Probable serine/thr	42.00	0.00
TRINITY_sp|Q91YFMettl13	Methyltransferase-1	42.00	0.00
TRINITY_sp|Q3232ybiA	N-glycosidase YbiA	42.00	0.00
TRINITY_sp|Q9FICBOLA2	Protein BOLA2 OS=Ar	42.00	0.00
TRINITY_sp|Q8HYIACOX1	Peroxisomal acyl-co	42.00	0.00
TRINITY_sp|Q6BV4IPL1	Spindle assembly ch	42.00	0.00
TRINITY_sp|Q86IVctnA	Countin-1 OS=Dictyo	42.00	0.00
TRINITY_sp|O4605Cyp4ae1	Cytochrome P450 4ae	42.00	0.00
TRINITY_sp|P366(bip1	78 kDa glucose-regu	42.00	0.00
TRINITY_sp|O2898AF_1281	Uncharacterized pro	42.00	0.00
TRINITY_sp|A8Y19pfd-6	Probable prefoldin	42.00	0.00
TRINITY_sp|Q55E9pats1	Probable serine/thr	42.00	0.00
TRINITY_sp|P0479HSP17.5-17.5	kDa class I he	42.00	0.00
TRINITY_sp|A5DY3DRS1	ATP-dependent RNA h	42.00	0.00
TRINITY_sp|Q7ZVMzgc:559	(WASH complex subuni	42.00	0.00
TRINITY_sp|Q8C6C-	Protein C21orf2 hom	42.00	0.00
TRINITY_sp|Q9XJ3CLPR2	ATP-dependent Clp p	42.00	0.00
TRINITY_sp|P4597USP5	Ubiquitin carboxyl-	42.00	0.00
TRINITY_sp|Q75LV0s03g062U3	snoRNP-associate	42.00	0.00
TRINITY_sp|Q7TMEeril	3'-5' exoribonuclea	42.00	0.00
TRINITY_sp|P3409pkaC	cAMP-dependent prot	42.00	0.00
TRINITY_sp|Q86I1commd7	COMM domain-contain	42.00	0.00
TRINITY_sp|Q9JJ6Cdc20	Cell division cycle	42.00	0.00
TRINITY_sp|Q9U88DHFR	Dihydrofolate reduc	42.00	0.00
TRINITY_sp|Q9SJ6ROS1	Protein ROS1 OS=Ara	42.00	0.00
TRINITY_sp|P2355xynB	Beta-xylosidase OS=	42.00	0.00
TRINITY_sp|Q9VH7CG8412	Probable Dol-P-Man:	42.00	0.00
TRINITY_sp|Q9SE7At2g251	(Ribonuclease H2 sub	42.00	0.00
TRINITY_sp|Q91W3-	RUS1 family protein	42.00	0.00
TRINITY_sp|Q9LS4CASP	Protein CASP OS=Ara	42.00	0.00
TRINITY_sp|Q8H0\ABCF3	ABC transporter F f	42.00	0.00
TRINITY_sp|B0TAYbeY	Endoribonuclease Yb	42.00	0.00
TRINITY_sp|Q8RD7FN1419	L-methionine gamma-	42.00	0.00
TRINITY_sp|Q6801GGT2	Gamma-glutamyltrans	42.00	0.00
TRINITY_sp|Q6L50Os05g058	Probable protein ph	42.00	0.00
TRINITY_sp|P3169-	ADP,ATP carrier pro	42.00	0.00
TRINITY_sp|Q9C7(BUB3.2	Mitotic checkpoint	42.00	0.00
TRINITY_sp|O627(CTNNBL1	Beta-catenin-like p	42.00	0.00
TRINITY_sp|Q4V77-	UPF0585 protein C16	42.00	0.00
TRINITY_sp|Q2TACKIF19	Kinesin-like protei	42.00	0.00
TRINITY_sp|P761(ydcP	Uncharacterized pro	42.00	0.00
TRINITY_sp|Q9D08Ebp1	Emopamil-binding pr	42.00	0.00
TRINITY_sp|Q9S71MYB98	Transcription facto	42.00	0.00
TRINITY_sp|Q6PC6dctn1	Dynactin subunit 1	42.00	0.00
TRINITY_sp|Q54IHDDB_G028	Probable serine/thr	42.00	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	42.00	0.00
TRINITY_sp|Q0508UBE3A	Ubiquitin-protein 1	42.00	0.00
TRINITY_sp|Q5YYHidi	Isopentenyl-diphosp	42.00	0.00
TRINITY_sp|Q6361Vps33a	Vacuolar protein so	42.00	0.00
TRINITY_sp|P3195pac	Penicillin G acylas	42.00	0.00
TRINITY_sp|Q86UVDTX2	Probable E3 ubiquit	42.00	0.00
TRINITY_sp|P0C07Chmp6	Charged multivesicu	42.00	0.00
TRINITY_sp|Q8L77SLP1	Shewanella-like pro	42.00	0.00

TRINITY_sp|Q0376{TAF12	Transcription initi	42.00	0.00
TRINITY_sp|A4QW4{TOA2	Transcription initi	42.00	0.00
TRINITY_sp|P3528{Rab22a	Ras-related protein	42.00	0.00
TRINITY_sp|Q8W03{CDC6B	Cell division contr	42.00	0.00
TRINITY_sp|Q8WY7{CTNNBL1	Beta-catenin-like p	42.00	0.00
TRINITY_sp|P091{P4HB	Protein disulfide-i	42.00	0.00
TRINITY_sp|Q6R0{LHY	Protein LHY OS=Arab	42.00	0.00
TRINITY_sp|Q9LI8{RBG4	Glycine-rich RNA-bi	42.00	0.00
TRINITY_sp|A8XW8{kin-1	cAMP-dependent prot	42.00	0.00
TRINITY_sp|P1097{-	Retrovirus-related	42.00	0.00
TRINITY_sp|Q6148{Pdela	Calcium/calmodulin-	42.00	0.00
TRINITY_sp|Q84K4{ABCA2	ABC transporter A f	42.00	0.00
TRINITY_sp|Q8WX3{DNAH7	Dynein heavy chain	42.00	0.00
TRINITY_sp|F4IU3{UPF2	Regulator of nonsen	42.00	0.00
TRINITY_sp|Q962{ITUBA6	Tubulin alpha-6 cha	41.90	0.00
TRINITY_sp|Q54Q3{yipf5	Protein YIPF5 homol	41.90	0.00
TRINITY_sp|Q9S84{SPL2	Squamosa promoter-b	41.90	0.00
TRINITY_sp|Q9LNV{HSP17.8	17.8 kDa class I he	41.90	0.00
TRINITY_sp|Q9UK1{DNAJC12	DnaJ homolog subfam	41.90	0.00
TRINITY_sp|Q4WI8{pam18	Mitochondrial impor	41.90	0.00
TRINITY_sp|Q4WT8{clf1	Pre-mRNA-splicing f	41.90	0.00
TRINITY_sp|Q9ST3{CIPK8	CBL-interacting ser	41.90	0.00
TRINITY_sp|Q54Z2{pIdC	Phospholipase D C O	41.90	0.00
TRINITY_sp|P3768{hetM	Polyketide synthase	41.90	0.00
TRINITY_sp|B9JV1{fusA	Elongation factor G	41.90	0.00
TRINITY_sp|P3952{DRS2	Probable phospholip	41.90	0.00
TRINITY_sp|A8GM1{rlmE	Ribosomal RNA large	41.90	0.00
TRINITY_sp|Q54B1{mcfN	Mitochondrial subst	41.90	0.00
TRINITY_sp|Q69VI{Os06g058	Probable protein ph	41.90	0.00
TRINITY_sp|Q9XF7{PCK2	Phosphoenolpyruvate	41.90	0.00
TRINITY_sp|A3KP1{ttc38	Tetratricopeptide r	41.90	0.00
TRINITY_sp|Q9DBV{Cyp4v2	Cytochrome P450 4V2	41.90	0.00
TRINITY_sp|O8076{At1g6042	Probable nucleoredo	41.90	0.00
TRINITY_sp|Q54IF{DDB_G028	WASH complex subuni	41.90	0.00
TRINITY_sp|Q1ZX1{gxcDD	Guanine exchange fa	41.90	0.00
TRINITY_sp|P3888{NMD3	60S ribosomal expor	41.90	0.00
TRINITY_sp|Q6Z82{WEE1	Wee1-like protein k	41.90	0.00
TRINITY_sp|B5YI1{ligA	DNA ligase OS=Therm	41.90	0.00
TRINITY_sp|Q9C51{At3g4742	Putative glycerol-3	41.90	0.00
TRINITY_sp|Q55C9{maspS	Aspartate--tRNA lig	41.90	0.00
TRINITY_sp|Q5RA7{FAM135A	Protein FAM135A OS=	41.90	0.00
TRINITY_sp|Q8IU8{CAMK1D	Calcium/calmodulin-	41.90	0.00
TRINITY_sp|A7HZ8{infB	Translation initiat	41.90	0.00
TRINITY_sp|Q55D1{DDB_G026	Alpha N-terminal pr	41.90	0.00
TRINITY_sp|Q7TQ1{Exosc3	Exosome complex com	41.90	0.00
TRINITY_sp|P1903{HSP18.1	18.1 kDa class I he	41.90	0.00
TRINITY_sp|Q9ZR3{DSPTP1	Dual specificity pr	41.90	0.00
TRINITY_sp|Q8T19{DDB_G027	Dehydrogenase/reduc	41.90	0.00

TRINITY_sp|F1RA\coq6	Ubiquinone biosynth	41.90	0.00
TRINITY_sp|Q8CF\Aqr	Intron-binding prot	41.90	0.00
TRINITY_sp|Q9LW\5PAP6	Probable plastid-li	41.90	0.00
TRINITY_sp|Q54V\cascc2	Activating signal c	41.90	0.00
TRINITY_sp|Q8RD\anmK	Anhydro-N-acetylmur	41.90	0.00
TRINITY_sp|Q54B\msf1	Branchpoint-bridgin	41.90	0.00
TRINITY_sp|Q96H\ISH3YL1	SH3 domain-containi	41.90	0.00
TRINITY_sp|Q5RC\8RBM39	RNA-binding protein	41.90	0.00
TRINITY_sp|O221\7PAB4	Polyadenylate-bindi	41.90	0.00
TRINITY_sp|Q8L6\4BB	E3 ubiquitin ligase	41.90	0.00
TRINITY_sp|Q3ZC\EMC3	ER membrane protein	41.90	0.00
TRINITY_sp|P4851\TFIIB1	Transcription initi	41.90	0.00
TRINITY_sp|Q9UP\USP24	Ubiquitin carboxyl-	41.90	0.00
TRINITY_sp|P432\5CSN8	COP9 signalosome co	41.90	0.00
TRINITY_sp|Q9GM\1PGA	Pepsin A OS=Rhinolo	41.90	0.00
TRINITY_sp|Q9LV\At5g6672	Probable protein ph	41.90	0.00
TRINITY_sp|Q9XJ\3CLPR1	ATP-dependent Clp p	41.90	0.00
TRINITY_sp|Q68F\7march3	E3 ubiquitin-protei	41.90	0.00
TRINITY_sp|Q7TM\1Prpc	Lysosomal Pro-X car	41.90	0.00
TRINITY_sp|Q9FW\1IMPA6	Importin subunit al	41.90	0.00
TRINITY_sp|Q54P\EMrd1	Multiple RNA-bindin	41.90	0.00
TRINITY_sp|Q94J\UCSN7	COP9 signalosome co	41.90	0.00
TRINITY_sp|A6VC\prmA	Ribosomal protein L	41.90	0.00
TRINITY_sp|P109\7-	Retrovirus-related	41.90	0.00
TRINITY_sp|A5GF\VRTFDC1	Protein RTF2 homolo	41.90	0.00
TRINITY_sp|O944\3SPBC660	Uncharacterized RNA	41.90	0.00
TRINITY_sp|Q389\6SNM1	DNA cross-link repa	41.90	0.00
TRINITY_sp|Q47W\1lepA	Elongation factor 4	41.90	0.00
TRINITY_sp|A7SD\8cdc51	Cell division cycle	41.90	0.00
TRINITY_sp|O229\4PXM16	Insulin-degrading e	41.90	0.00
TRINITY_sp|Q8LP\2CPK3	Calcium-dependent p	41.90	0.00
TRINITY_sp|P546\7pika	Phosphatidylinosito	41.90	0.00
TRINITY_sp|Q2HIV\MAPR4	Membrane-associated	41.90	0.00
TRINITY_sp|Q0HA\3Ttc21b	Tetratricopeptide r	41.90	0.00
TRINITY_sp|P323\3YMC1	Carrier protein YMC	41.80	0.00
TRINITY_sp|Q9ZT\HEIN4	Protein EIN4 OS=Ara	41.80	0.00
TRINITY_sp|Q3SW\2WRAP53	Telomerase Cajal bo	41.80	0.00
TRINITY_sp|Q5RK\1Poll	DNA polymerase lamb	41.80	0.00
TRINITY_sp|Q7ZV\1esrp2	Epithelial splicing	41.80	0.00
TRINITY_sp|Q54S\1DDB_G028	DDT domain-containi	41.80	0.00
TRINITY_sp|Q9QZ\1Dctn5	Dynactin subunit 5	41.80	0.00
TRINITY_sp|Q395\8-	Dynein 18 kDa light	41.80	0.00
TRINITY_sp|Q948\1DAD1	Phospholipase A(1)	41.80	0.00
TRINITY_sp|P421\2E(z)	Histone-lysine N-me	41.80	0.00
TRINITY_sp|Q3U4\8Mfsd12	Major facilitator s	41.80	0.00
TRINITY_sp|Q8H1\8PYD3	Beta-ureidopropiona	41.80	0.00
TRINITY_sp|Q58C\UM EAF6	Chromatin modificat	41.80	0.00
TRINITY_sp|P503\8SSO2706	Purine nucleoside p	41.80	0.00
TRINITY_sp|Q9LK\5ALA8	Probable phospholip	41.80	0.00
TRINITY_sp|P278\0Mgat1	Alpha-1,3-mannosyl-	41.80	0.00
TRINITY_sp|Q86V\1SLC25A42	Mitochondrial coenz	41.80	0.00
TRINITY_sp|Q8RX\1At1g1465	Probable splicing f	41.80	0.00
TRINITY_sp|P929\5KIN11	SNF1-related protei	41.80	0.00
TRINITY_sp|Q9FZ\3ANP2	Mitogen-activated p	41.80	0.00
TRINITY_sp|A7A1\1STE11	Serine/threonine-pr	41.80	0.00
TRINITY_sp|A7YW\6RARS	Arginine--tRNA liga	41.80	0.00

TRINITY_sp|Q9SG|ALA5	Probable phospholip	41.80	0.00
TRINITY_sp|P749|pola	DNA polymerase I OS	41.80	0.00
TRINITY_sp|Q54T|gacY	Rho GTPase-activati	41.80	0.00
TRINITY_sp|A7MB|pkn2	Serine/threonine-pr	41.80	0.00
TRINITY_sp|Q8RX|At1g1465	Probable splicing f	41.80	0.00
TRINITY_sp|Q58D|RAB5C	Ras-related protein	41.80	0.00
TRINITY_sp|Q6BC|CYB5R2	NADH-cytochrome b5	41.80	0.00
TRINITY_sp|P049|Gstm1	Glutathione S-trans	41.80	0.00
TRINITY_sp|Q9JH|Eefsec	Selenocysteine-spec	41.80	0.00
TRINITY_sp|B4IB|Mat89Ba	Nucleolar protein 6	41.80	0.00
TRINITY_sp|P435|cpr-4	Cathepsin B-like cy	41.80	0.00
TRINITY_sp|Q6Z9|KIN7H	Kinesin-like protei	41.80	0.00
TRINITY_sp|P539|Anapc1	Anaphase-promoting	41.80	0.00
TRINITY_sp|Q5PP|ATXR2	Histone-lysine N-me	41.80	0.00
TRINITY_sp|Q004|Ptbp1	Polypyrimidine trac	41.80	0.00
TRINITY_sp|Q9ZW|CYTB5-D	Cytochrome B5 isofa	41.80	0.00
TRINITY_sp|Q993|TY3B-G	Transposon Ty3-G Ga	41.80	0.00
TRINITY_sp|P463|bccA	Acetyl-/propionyl-c	41.80	0.00
TRINITY_sp|Q86Y|CPNE8	Copine-8 OS=Homo sa	41.80	0.00
TRINITY_sp|Q86W|METTL16	Methyltransferase-1	41.80	0.00
TRINITY_sp|Q056|Cbei_02	(Uncharacterized pro	41.80	0.00
TRINITY_sp|Q11G|crpLY	50S ribosomal prote	41.80	0.00
TRINITY_sp|Q9UB|DNAJB9	DnaJ homolog subfam	41.80	0.00
TRINITY_sp|Q8YH|ssb	Single-stranded DNA	41.80	0.00
TRINITY_sp|Q54Z|tbcB	Tubulin-specific ch	41.80	0.00
TRINITY_sp|Q9CS|Ecd	Protein ecdysoneles	41.80	0.00
TRINITY_sp|Q6NS|Pdcd11	Protein RRP5 homolo	41.80	0.00
TRINITY_sp|Q54B|sf1	Branchpoint-bridgin	41.80	0.00
TRINITY_sp|Q945|modA	Neutral alpha-gluco	41.80	0.00
TRINITY_sp|Q245|U2af50	Splicing factor U2A	41.80	0.00
TRINITY_sp|Q9I6|PA0142	8-oxoguanine deamin	41.80	0.00
TRINITY_sp|Q9LT|VPS9A	Vacuolar protein so	41.80	0.00
TRINITY_sp|A2X6|CDKG-1	Cyclin-dependent ki	41.80	0.00
TRINITY_sp|P118|CDK4	Cyclin-dependent ki	41.80	0.00
TRINITY_sp|P973|Nxn	Nucleoredoxin OS=Mu	41.80	0.00
TRINITY_sp|P278|ERV1	Mitochondrial FAD-1	41.80	0.00
TRINITY_sp|Q9FE|SRT1	NAD-dependent prote	41.80	0.00
TRINITY_sp|Q9KT|truC	tRNA pseudouridine	41.80	0.00
TRINITY_sp|F4HN|At1g0690	(Nardilysin-like OS=	41.80	0.00
TRINITY_sp|O227|PXG3	Probable peroxygena	41.80	0.00
TRINITY_sp|Q9C5|PFK7	ATP-dependent 6-pho	41.80	0.00
TRINITY_sp|P378|CNN1	Calponin-1 (Fragmen	41.80	0.00
TRINITY_sp|O246|MSH2	DNA mismatch repair	41.80	0.00
TRINITY_sp|A4K2|STK4	Serine/threonine-pr	41.80	0.00
TRINITY_sp|Q8L8|RECQL4A	ATP-dependent DNA h	41.80	0.00
TRINITY_sp|Q9SJ|SAE2	SUMO-activating enz	41.80	0.00
TRINITY_sp|Q9FF|NFXL2	NF-X1-type zinc fin	41.80	0.00
TRINITY_sp|P422|SKIV2L2	Superkiller viralic	41.80	0.00
TRINITY_sp|Q99K|Aass	Alpha-aminoadipic s	41.80	0.00
TRINITY_sp|O229|FTSHI1	Probable inactive A	41.80	0.00
TRINITY_sp|P221|cta3	Calcium-transportin	41.80	0.00
TRINITY_sp|Q8KQ|cphE	Cyanophycinase OS=P	41.80	0.00
TRINITY_sp|P230|-	Dynein beta chain,	41.80	0.00
TRINITY_sp|Q9ZP|CAS	Exportin-2 OS=Arabi	41.80	0.00
TRINITY_sp|Q152|PWP2	Periodic tryptophan	41.80	0.00
TRINITY_sp|P269|-	ADP-ribosylation fa	41.80	0.00

TRINITY_sp|Q2TBUCUHL3	Ubiquitin carboxyl-	41.80	0.00
TRINITY_sp|O0783dapb1	Dipeptidyl aminopep	41.80	0.00
TRINITY_sp|Q9LW7HRD1A	ERAD-associated E3	41.80	0.00
TRINITY_sp|Q6148Pdela	Calcium/calmodulin-	41.80	0.00
TRINITY_sp|Q8H12PAP3	Purple acid phospho	41.80	0.00
TRINITY_sp|Q9CQ2Ndufa6	NADH dehydrogenase	41.70	0.00
TRINITY_sp|Q8RVIDEK1	Calpain-type cystei	41.70	0.00
TRINITY_sp|Q54IILzic	Protein LZIC OS=Dic	41.70	0.00
TRINITY_sp|P3029mik1	Mitosis inhibitor p	41.70	0.00
TRINITY_sp|Q54Bfipsenen	Probable gamma-secr	41.70	0.00
TRINITY_sp|A8WUCpkc-3	Protein kinase C-li	41.70	0.00
TRINITY_sp|O675(aq_1546	Uncharacterized pho	41.70	0.00
TRINITY_sp|O9427atg8	Autophagy-related p	41.70	0.00
TRINITY_sp|Q96J6ABCC12	Multidrug resistanc	41.70	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	41.70	0.00
TRINITY_sp|Q9H7fSMYD3	Histone-lysine N-me	41.70	0.00
TRINITY_sp|P5638Cda	Cytidine deaminase	41.70	0.00
TRINITY_sp|B8AXfOsI_1821E3	UFM1-protein lig	41.70	0.00
TRINITY_sp|O9655chmp1	Charged multivesicu	41.70	0.00
TRINITY_sp|Q54BjredA	NADPH oxidoreductas	41.70	0.00
TRINITY_sp|Q5M8NSdr39u1	Epimerase family pr	41.70	0.00
TRINITY_sp|Q2945LIPF	Gastric triacylglyc	41.70	0.00
TRINITY_sp|Q8BMjLipk	Lipase member K OS=	41.70	0.00
TRINITY_sp|Q54MvmrkB	Probable serine/thr	41.70	0.00
TRINITY_sp|Q8L5jCAND1	Cullin-associated N	41.70	0.00
TRINITY_sp|Q8LPALPHA-AIAP-2 complex subuni		41.70	0.00
TRINITY_sp|O774(-	Tryparedoxin OS=Try	41.70	0.00
TRINITY_sp|P4976Doa	Serine/threonine-pr	41.70	0.00
TRINITY_sp|P258(cpr-1	Gut-specific cystei	41.70	0.00
TRINITY_sp|Q8L7vNUDT8	Nudix hydrolase 8 O	41.70	0.00
TRINITY_sp|A4FV9METTL21F	Protein-lysine meth	41.70	0.00
TRINITY_sp|P3468cap-2	F-actin-capping pro	41.70	0.00
TRINITY_sp|Q9JI1Utp3	Something about sil	41.70	0.00
TRINITY_sp|Q55C7DDB_G027	Mitochondrial inner	41.70	0.00
TRINITY_sp|Q7L27KCTD9	BTB/POZ domain-cont	41.70	0.00
TRINITY_sp|Q96RfCAMKK2	Calcium/calmodulin-	41.70	0.00
TRINITY_sp|O4382C21orf2	Protein C21orf2 OS=	41.70	0.00
TRINITY_sp|Q5056fdhC	Probable formate tr	41.70	0.00
TRINITY_sp|Q5DU(Cep164	Centrosomal protein	41.70	0.00
TRINITY_sp|Q54VIriol	Serine/threonine-pr	41.70	0.00
TRINITY_sp|Q9SG9HMGB9	High mobility group	41.70	0.00
TRINITY_sp|P5588EIF3B	Eukaryotic translat	41.70	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.70	0.00
TRINITY_sp|Q2717DHC-8	Dynein heavy chain,	41.70	0.00
TRINITY_sp|P1099-	Actin, cytoplasmic	41.70	0.00
TRINITY_sp|P1579Camk2d	Calcium/calmodulin-	41.70	0.00
TRINITY_sp|Q9BXfPAPPA2	Pappalysin-2 OS=Hom	41.70	0.00
TRINITY_sp|B2RW3Cfap58	Cilia- and flagella	41.70	0.00
TRINITY_sp|A6H74PLS1	Plastin-1 OS=Bos ta	41.70	0.00
TRINITY_sp|Q8RWF SRL1	Pre-mRNA splicing f	41.70	0.00
TRINITY_sp|B5FZ1EIF3I	Eukaryotic translat	41.70	0.00
TRINITY_sp|Q0WSfALDH22A1	Aldehyde dehydrogen	41.70	0.00
TRINITY_sp|Q0P4(smarmc11	SWI/SNF-related mat	41.70	0.00
TRINITY_sp|A1VE8seld	Selenide, water dik	41.70	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	41.70	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.70	0.00

TRINITY_sp|Q8VW|HPT1	Homogentisate phyty	41.70	0.00
TRINITY_sp|P296|MPP	Mitochondrial-proce	41.70	0.00
TRINITY_sp|Q5U3|Rab16	Rab-like protein 6	41.70	0.00
TRINITY_sp|Q395|ODA4	Dynein beta chain,	41.70	0.00
TRINITY_sp|B5F7|rihC	Non-specific ribonu	41.70	0.00
TRINITY_sp|Q54I|tmem120	Transmembrane prote	41.70	0.00
TRINITY_sp|Q8GW|At5g039	(Uncharacterized pro	41.70	0.00
TRINITY_sp|Q9LTF|TGD2	Protein TRIGALACTOS	41.70	0.00
TRINITY_sp|B7ZM|Xpnpep3	Probable Xaa-Pro am	41.70	0.00
TRINITY_sp|Q5M8|Pir	Pirin OS=Rattus nor	41.70	0.00
TRINITY_sp|Q9FM|RD21B	Probable cysteine p	41.70	0.00
TRINITY_sp|Q55D|abcG22	ABC transporter G f	41.70	0.00
TRINITY_sp|Q191|gcy-12	Receptor-type guany	41.70	0.00
TRINITY_sp|Q9W4|dnc	cAMP-specific 3',5'	41.70	0.00
TRINITY_sp|A7RZ|Vdpp3	Dipeptidyl peptidas	41.70	0.00
TRINITY_sp|P167|(V-UBI	Ubiquitin-like prot	41.70	0.00
TRINITY_sp|P423|CNB1	Calcineurin subunit	41.60	0.00
TRINITY_sp|Q9MB|DHC10	Dynein-1-beta heavy	41.60	0.00
TRINITY_sp|Q54G|ndtymk	Thymidylate kinase	41.60	0.00
TRINITY_sp|Q6PB|zgc:733	Coenzyme Q-binding	41.60	0.00
TRINITY_sp|Q993|TY3B-G	Transposon Ty3-G Ga	41.60	0.00
TRINITY_sp|Q5ZK|FACSBG2	Long-chain-fatty-ac	41.60	0.00
TRINITY_sp|Q9P7|(prp11	Pre-mRNA-processing	41.60	0.00
TRINITY_sp|A2XK|OsI_012	(Costars family prot	41.60	0.00
TRINITY_sp|Q54P|tmem184	Transmembrane prote	41.60	0.00
TRINITY_sp|Q9ST|WNK3	Probable serine/thr	41.60	0.00
TRINITY_sp|Q9SL|ALIS3	ALA-interacting sub	41.60	0.00
TRINITY_sp|Q9C5|ABA3	Molybdenum cofactor	41.60	0.00
TRINITY_sp|Q8ER|OB1403	N-acetyldiaminopime	41.60	0.00
TRINITY_sp|Q104|mug157	Meiotically up-regu	41.60	0.00
TRINITY_sp|Q5FW|pcid2	PCI domain-containi	41.60	0.00
TRINITY_sp|O809|AGD7	ADP-ribosylation fa	41.60	0.00
TRINITY_sp|Q102|SPAC4H3	.Uncharacterized pro	41.60	0.00
TRINITY_sp|P253|mlkA	Myosin light chain	41.60	0.00
TRINITY_sp|A8IN|CARL13	ADP-ribosylation fa	41.60	0.00
TRINITY_sp|O008|cuda	Putative transcript	41.60	0.00
TRINITY_sp|P519|Nek1	Serine/threonine-pr	41.60	0.00
TRINITY_sp|Q6ME|crsmH	Ribosomal RNA small	41.60	0.00
TRINITY_sp|Q655|MCUS3	Molybdenum cofactor	41.60	0.00
TRINITY_sp|Q9N9|	- Ciliary WD repeat-c	41.60	0.00
TRINITY_sp|Q9H0|CCDC113	Coiled-coil domain-	41.60	0.00
TRINITY_sp|Q9M9|EAtlg782	EF-box protein Atlg7	41.60	0.00
TRINITY_sp|Q93Z|NYC1	Probable chlorophyl	41.60	0.00
TRINITY_sp|Q050|UBE3A	Ubiquitin-protein 1	41.60	0.00
TRINITY_sp|P192|adaB	Methylated-DNA--pro	41.60	0.00
TRINITY_sp|Q9FT|RECQL3	ATP-dependent DNA h	41.60	0.00
TRINITY_sp|Q54R|shkA	Dual specificity pr	41.60	0.00
TRINITY_sp|O944|bdp1	Transcription facto	41.60	0.00
TRINITY_sp|Q6NP|ATR3	NADPH-dependent dif	41.60	0.00
TRINITY_sp|Q5D0|rbm8a	RNA-binding protein	41.60	0.00
TRINITY_sp|O226|(DEGP1	Protease Do-like 1,	41.60	0.00
TRINITY_sp|P739|menA	2-carboxy-1,4-napht	41.60	0.00
TRINITY_sp|Q9P7|SPBC1711	Uncharacterized WD	41.60	0.00
TRINITY_sp|Q5Y2|(HTAY	Histone H2A.Y OS=Te	41.60	0.00
TRINITY_sp|Q9P2|HIFT80	Intraflagellar tran	41.60	0.00
TRINITY_sp|P477|Cbr1	Carbonyl reductase	41.60	0.00

TRINITY_sp|Q8GX\UGLYAH	(S)-ureidoglycine a	41.60	0.00
TRINITY_sp|Q503\ngly1	Peptide-N(4)-(N-ace	41.60	0.00
TRINITY_sp|P056\sacC	Levanase OS=Bacillu	41.60	0.00
TRINITY_sp|Q9SL\ALIS3	ALA-interacting sub	41.60	0.00
TRINITY_sp|Q9Y8\MET3	Sulfate adenylyltra	41.60	0.00
TRINITY_sp|P736\sl11770	Uncharacterized pro	41.60	0.00
TRINITY_sp|Q6NZ\QDdx31	Probable ATP-depend	41.60	0.00
TRINITY_sp|Q7ZZ\atad1a	ATPase family AAA d	41.60	0.00
TRINITY_sp|Q073\uapA	Uric acid-xanthine	41.60	0.00
TRINITY_sp|Q157\HERC1	Probable E3 ubiquit	41.60	0.00
TRINITY_sp|P109\-	Actin, cytoplasmic	41.60	0.00
TRINITY_sp|Q6PG\srnps1	RNA-binding protein	41.60	0.00
TRINITY_sp|Q5RF\PGM2	Phosphoglucomutase-	41.60	0.00
TRINITY_sp|P546\pata	Calcium-transportin	41.60	0.00
TRINITY_sp|Q2FI\saes	Histidine protein k	41.50	0.00
TRINITY_sp|B2HL\MMAR_19	UPF0678 fatty acid-	41.50	0.00
TRINITY_sp|Q7Z4\ITTC21B	Tetratricopeptide r	41.50	0.00
TRINITY_sp|P045\SPINK1	Serine protease inh	41.50	0.00
TRINITY_sp|P623\CPK1	Calcium-dependent p	41.50	0.00
TRINITY_sp|Q8LB\GRXS15	Monothiol glutaredo	41.50	0.00
TRINITY_sp|P930\BSH	Chromatin structure	41.50	0.00
TRINITY_sp|Q947\-	Probable dynein lig	41.50	0.00
TRINITY_sp|Q9NP\ALG13	Putative bifunction	41.50	0.00
TRINITY_sp|A2R5\atpc1	Mitochondrial thiam	41.50	0.00
TRINITY_sp|Q5N7\MOR1	Protein MOR1 OS=Ory	41.50	0.00
TRINITY_sp|Q9Y2\ATP8A1	Phospholipid-transp	41.50	0.00
TRINITY_sp|Q557\trappc1-	Trafficking protein	41.50	0.00
TRINITY_sp|Q55G\DDB_G02	UPF0160 protein OS=	41.50	0.00
TRINITY_sp|Q55E\pats1	Probable serine/thr	41.50	0.00
TRINITY_sp|Q041\HPT1	Hypoxanthine-guanin	41.50	0.00
TRINITY_sp|Q2SJ\msrB	Peptide methionine	41.50	0.00
TRINITY_sp|P277\ODA6	Dynein, 70 kDa inte	41.50	0.00
TRINITY_sp|P558\faf	Probable ubiquitin	41.50	0.00
TRINITY_sp|Q9UY\fsua5	Threonylcarbamoyl-A	41.50	0.00
TRINITY_sp|Q929\BRF1	Transcription facto	41.50	0.00
TRINITY_sp|C0SU\JMJ16	Putative lysine-spe	41.50	0.00
TRINITY_sp|Q54D\DDB_G02	Serine carboxypepti	41.50	0.00
TRINITY_sp|Q54M\mcfB	Mitochondrial subst	41.50	0.00
TRINITY_sp|P140\-	Chymopapain OS=Cari	41.50	0.00
TRINITY_sp|P0C8\OsI_027	Uncharacterized pro	41.50	0.00
TRINITY_sp|Q55C\tppl	Tripeptidyl-peptida	41.50	0.00
TRINITY_sp|Q3Z8\hisC	Histidinol-phosphat	41.50	0.00
TRINITY_sp|Q9VC\EIF-3p6	Eukaryotic translat	41.50	0.00
TRINITY_sp|P506\TUB	Tubby protein homol	41.50	0.00
TRINITY_sp|Q8L7\NPC1	Non-specific phosph	41.50	0.00
TRINITY_sp|P736\spPA	Protease 4 OS=Synec	41.50	0.00
TRINITY_sp|A0Q1\fdnaJ	Chaperone protein D	41.50	0.00
TRINITY_sp|Q3MH\MSH2	DNA mismatch repair	41.50	0.00
TRINITY_sp|Q7XB\HGGT	Homogentisate geran	41.50	0.00
TRINITY_sp|Q9SV\At4g137	Methionine--tRNA li	41.50	0.00
TRINITY_sp|Q8WV\SCFD1	Sec1 family domain-	41.50	0.00
TRINITY_sp|Q8BG\Htatsf1	HIV Tat-specific fa	41.50	0.00
TRINITY_sp|Q86I\DDB_G02	Uncharacterized Gol	41.50	0.00
TRINITY_sp|Q8VE\Exd2	Exonuclease 3'-5' d	41.50	0.00
TRINITY_sp|Q32L\HMGB3	High mobility group	41.50	0.00
TRINITY_sp|O609\TBL1X	F-box-like/WD repea	41.50	0.00

TRINITY_sp|B9DF\At5g4743E3	ubiquitin ligase	41.50	0.00
TRINITY_sp|F4J3\CTPA3	Carboxyl-terminal-p	41.50	0.00
TRINITY_sp|P543\LiPe	Hormone-sensitive l	41.50	0.00
TRINITY_sp|Q476\mmuM	Homocysteine S-meth	41.50	0.00
TRINITY_sp|Q03A\clpP	ATP-dependent Clp p	41.50	0.00
TRINITY_sp|O890\Tpp1	Tripeptidyl-peptida	41.50	0.00
TRINITY_sp|Q9Z1\IDPM2	Dolichol phosphate-	41.50	0.00
TRINITY_sp|P495\Ppx1	Serine/threonine-pr	41.50	0.00
TRINITY_sp|O150\SYNJ2	Synaptojanin-2 OS=H	41.50	0.00
TRINITY_sp|O597\vcx1	Vacuolar calcium io	41.50	0.00
TRINITY_sp|E9PZ\Ascc3	Activating signal c	41.50	0.00
TRINITY_sp|Q145\NBR1	Next to BRCA1 gene	41.50	0.00
TRINITY_sp|Q9FZ\BGLU40	Beta-glucosidase 40	41.50	0.00
TRINITY_sp|P583\sseA	3-mercaptopyruvate	41.50	0.00
TRINITY_sp|Q9FN\E2FA	Transcription facto	41.50	0.00
TRINITY_sp|Q029\YRK	Proto-oncogene tyro	41.50	0.00
TRINITY_sp|Q8RX\WIN2	Probable protein ph	41.50	0.00
TRINITY_sp|Q2TA\AURKA	Aurora kinase A OS=	41.50	0.00
TRINITY_sp|P109\-	Retrovirus-related	41.50	0.00
TRINITY_sp|Q7X9\AERO2	Endoplasmic reticul	41.50	0.00
TRINITY_sp|Q704\xpo7-a	Exportin-7-A OS=Xen	41.50	0.00
TRINITY_sp|Q101\rtf2	Replication termina	41.50	0.00
TRINITY_sp|Q9BX\MAP1LC3C	Microtubule-associa	41.40	0.00
TRINITY_sp|Q396\ODA11	Dynein alpha chain,	41.40	0.00
TRINITY_sp|O049\-	Alpha-glucosidase O	41.40	0.00
TRINITY_sp|Q5TH\VPS13D	Vacuolar protein so	41.40	0.00
TRINITY_sp|Q54G\vpvs45	Vacuolar protein so	41.40	0.00
TRINITY_sp|Q644\Atp7a	Copper-transporting	41.40	0.00
TRINITY_sp|P525\myb12	Myb-related protein	41.40	0.00
TRINITY_sp|Q73W\MAP_283C	UPF0678 fatty acid-	41.40	0.00
TRINITY_sp|Q54B\abcB2	ABC transporter B f	41.40	0.00
TRINITY_sp|Q54R\xpot	Exportin-T OS=Dicty	41.40	0.00
TRINITY_sp|Q502\eri2	ERI1 exoribonucleas	41.40	0.00
TRINITY_sp|Q96L\MARK4	MAP/microtubule aff	41.40	0.00
TRINITY_sp|Q8H8\Os03g022	Coatomer subunit ga	41.40	0.00
TRINITY_sp|Q6IR\abhd13	Protein ABHD13 OS=X	41.40	0.00
TRINITY_sp|Q5T3\ABCC10	Multidrug resistanc	41.40	0.00
TRINITY_sp|Q2GV\ADK1	Adenylate kinase OS	41.40	0.00
TRINITY_sp|Q9ZT\ATE1	Arginyl-tRNA--prote	41.40	0.00
TRINITY_sp|Q1JP\INDB1	External alternativ	41.40	0.00
TRINITY_sp|A7IS\QPCT	Glutaminy-peptide	41.40	0.00
TRINITY_sp|D2XN\FLOT2	Flotillin-like prot	41.40	0.00
TRINITY_sp|Q9SB\AP4M	AP-4 complex subuni	41.40	0.00
TRINITY_sp|B3PG\agaA	Alpha-galactosidase	41.40	0.00
TRINITY_sp|Q9SH\HMA5	Probable copper-tra	41.40	0.00
TRINITY_sp|Q8W4\At4g0467	tRNA wybutosine-syn	41.40	0.00
TRINITY_sp|Q9JM\Wrap73	WD repeat-containin	41.40	0.00
TRINITY_sp|Q9Z2\Hdac6	Histone deacetylase	41.40	0.00
TRINITY_sp|Q90X\gpkow	G patch domain and	41.40	0.00
TRINITY_sp|Q9UN\A4GNT	Alpha-1,4-N-acetylg	41.40	0.00
TRINITY_sp|Q7TQ\Poln	DNA polymerase nu O	41.40	0.00
TRINITY_sp|P239\Eci1	Enoyl-CoA delta iso	41.40	0.00
TRINITY_sp|Q6NX\Rcbtb1	RCC1 and BTB domain	41.40	0.00
TRINITY_sp|Q9M2\RRP45B	Exosome complex com	41.40	0.00
TRINITY_sp|Q55E\nat10	RNA cytidine acetyl	41.40	0.00
TRINITY_sp|P109\-	Retrovirus-related	41.40	0.00

TRINITY_sp|P1281hsp16.9	16.9 kDa class I he	41.40	0.00
TRINITY_sp|O6717aq_1088	Uncharacterized pro	41.40	0.00
TRINITY_sp|A5DE2FMP52	Protein FMP52, mito	41.40	0.00
TRINITY_sp|Q9UP7USP22	Ubiquitin carboxyl-	41.40	0.00
TRINITY_sp|B5DE6chd8	Chromodomain-helica	41.40	0.00
TRINITY_sp|Q9SY1ABC3	ABC transporter B f	41.40	0.00
TRINITY_sp|Q554IbzbpJ	Probable basic-leuc	41.40	0.00
TRINITY_sp|Q54CDDDB_G029	Probable myosin lig	41.40	0.00
TRINITY_sp|Q9Y71AOX1	Alternative oxidase	41.40	0.00
TRINITY_sp|P0C87Jmjd7	JmjC domain-contain	41.40	0.00
TRINITY_sp|Q54R2yipf6	Protein YIPF6 homol	41.40	0.00
TRINITY_sp|O7493POX2	Acyl-coenzyme A oxi	41.40	0.00
TRINITY_sp|Q54TMDrkd	Probable serine/thr	41.40	0.00
TRINITY_sp|Q93V6VCL1	Protein VACUOLELESS	41.40	0.00
TRINITY_sp|Q9CR5Rchyl	RING finger and CHY	41.40	0.00
TRINITY_sp|P3611PRY2	Protein PRY2 OS=Sac	41.40	0.00
TRINITY_sp|P2823-	Betaine aldehyde de	41.40	0.00
TRINITY_sp|Q9ZV7Atlg5457	Acyltransferase-lik	41.40	0.00
TRINITY_sp|P0CH3adhc1	NADP-dependent alco	41.40	0.00
TRINITY_sp|P0AD1ygiC	Putative acid--amin	41.40	0.00
TRINITY_sp|P1030RRAS	Ras-related protein	41.40	0.00
TRINITY_sp|A8J11CFAP157	Cilia- and flagella	41.40	0.00
TRINITY_sp|Q6ZY5GWD3	Phosphoglucan, wate	41.40	0.00
TRINITY_sp|P2944-	Thioredoxin H-type	41.40	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.40	0.00
TRINITY_sp|Q3MH1RAB11B	Ras-related protein	41.40	0.00
TRINITY_sp|Q6294Slc30a2	Zinc transporter 2	41.30	0.00
TRINITY_sp|Q1ZXIgxcdD	Guanine exchange fa	41.30	0.00
TRINITY_sp|Q7Z31C14orf15	UPF0317 protein C14	41.30	0.00
TRINITY_sp|P2936thrC	Threonine synthase	41.30	0.00
TRINITY_sp|Q9119-	Cystatin OS=Oncorhy	41.30	0.00
TRINITY_sp|P3412coaA	Coactosin OS=Dictyo	41.30	0.00
TRINITY_sp|O7022Atp9a	Probable phospholip	41.30	0.00
TRINITY_sp|Q8691mdn1	Midasin OS=Dictyost	41.30	0.00
TRINITY_sp|Q9M88PMI1	Mannose-6-phosphate	41.30	0.00
TRINITY_sp|P5467pikD	Phosphatidylinosito	41.30	0.00
TRINITY_sp|Q54H4drkA	Probable serine/thr	41.30	0.00
TRINITY_sp|Q4V77pigb	GPI mannosyltransfe	41.30	0.00
TRINITY_sp|P0104CSTA	Cystatin-A OS=Homo	41.30	0.00
TRINITY_sp|A2RVMTIC32	Short-chain dehydro	41.30	0.00
TRINITY_sp|P9323VPS41	Vacuolar protein so	41.30	0.00
TRINITY_sp|Q9SA2RH36	DEAD-box ATP-depend	41.30	0.00
TRINITY_sp|P3068-	Guanine nucleotide-	41.30	0.00
TRINITY_sp|P5465cap	Adenylyl cyclase-as	41.30	0.00
TRINITY_sp|Q9493ppa2	Soluble inorganic p	41.30	0.00
TRINITY_sp|Q8BT6Cpne3	Copine-3 OS=Mus mus	41.30	0.00
TRINITY_sp|P3636-	Endochitinase CH5B	41.30	0.00
TRINITY_sp|Q8W4FPI4KG6	Phosphatidylinosito	41.30	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.30	0.00
TRINITY_sp|Q8R34Ccdc12	Coiled-coil domain-	41.30	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	41.30	0.00
TRINITY_sp|Q8VC5Rbpms2	RNA-binding protein	41.30	0.00
TRINITY_sp|B6TV1-	Calcium sensing rec	41.30	0.00
TRINITY_sp|Q2RIVmetX	Homoserine O-acetyl	41.30	0.00
TRINITY_sp|Q54KHDDDB_G028	Uncharacterized pro	41.30	0.00
TRINITY_sp|Q9ZQ8PAP9	Probable inactive p	41.30	0.00

TRINITY_sp|Q5Z92Os06g056	Solute carrier fami	41.30	0.00
TRINITY_sp|Q8L79MIOX1	Inositol oxygenase	41.30	0.00
TRINITY_sp|Q9DG6RAD54B	DNA repair and reco	41.30	0.00
TRINITY_sp|Q1ZXHgxcdD	Guanine exchange fa	41.30	0.00
TRINITY_sp|P4136BH0855	Thermostable alkali	41.30	0.00
TRINITY_sp|Q9632SAC8	Phosphoinositide ph	41.30	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.30	0.00
TRINITY_sp|Q54K1gemin2	Gem-associated prot	41.30	0.00
TRINITY_sp|Q9EQ1Vps35	Vacuolar protein so	41.30	0.00
TRINITY_sp|Q55B1nek2	Probable serine/thr	41.30	0.00
TRINITY_sp|F4IRFSAD2	Importin beta-like	41.30	0.00
TRINITY_sp|Q9444ABCI12	Protein ABCI12, chl	41.30	0.00
TRINITY_sp|Q8LANP4H4	Probable prolyl 4-h	41.30	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.30	0.00
TRINITY_sp|Q652EHSFB2C	Heat stress transcr	41.30	0.00
TRINITY_sp|P2379RIT1	tRNA A64-2'-O-ribos	41.30	0.00
TRINITY_sp|P482(dnaJ	Chaperone protein D	41.30	0.00
TRINITY_sp|Q9ZNVMOCS3	Adenylyltransferase	41.30	0.00
TRINITY_sp|A6QP(DHRS12	Dehydrogenase/reduc	41.30	0.00
TRINITY_sp|Q941FGONST1	GDP-mannose transpo	41.30	0.00
TRINITY_sp|Q8TD5DNAH3	Dynein heavy chain	41.30	0.00
TRINITY_sp|Q9HC6GBA2	Non-lysosomal gluco	41.30	0.00
TRINITY_sp|P4601KAPP	Protein phosphatase	41.30	0.00
TRINITY_sp|P0CQ2ATP23	Mitochondrial inner	41.30	0.00
TRINITY_sp|F4ICIRBL10	RHOMBOID-like prote	41.30	0.00
TRINITY_sp|O4604Parg	Poly(ADP-ribose) gl	41.30	0.00
TRINITY_sp|Q8CG(Abcc1	Multidrug resistanc	41.20	0.00
TRINITY_sp|Q9SC1CYP71B31	Cytochrome P450 71B	41.20	0.00
TRINITY_sp|Q2TBFPFDN4	Prefoldin subunit 4	41.20	0.00
TRINITY_sp|O3163yjck	Putative ribosomal-	41.20	0.00
TRINITY_sp|Q9Y24GINS2	DNA replication com	41.20	0.00
TRINITY_sp|Q9QY2Smok2b	Sperm motility kina	41.20	0.00
TRINITY_sp|Q9LK9ALA8	Probable phospholip	41.20	0.00
TRINITY_sp|Q9LPCRHM2	Trifunctional UDP-g	41.20	0.00
TRINITY_sp|Q3899KIN10	SNF1-related protei	41.20	0.00
TRINITY_sp|Q5XM2apra	Autocrine prolifera	41.20	0.00
TRINITY_sp|Q9ZV1At1g0337	C2 and GRAM domain-	41.20	0.00
TRINITY_sp|P9WLMNT2089	Uncharacterized pro	41.20	0.00
TRINITY_sp|Q5ZK1SLC25A36	Solute carrier fami	41.20	0.00
TRINITY_sp|Q54J9wdr24	WD repeat-containin	41.20	0.00
TRINITY_sp|Q9ZT1EIN4	Protein EIN4 OS=Ara	41.20	0.00
TRINITY_sp|Q9CZ1Bcs11	Mitochondrial chape	41.20	0.00
TRINITY_sp|Q84W1At1g6732	Probable DNA primas	41.20	0.00
TRINITY_sp|Q5A41DED1	ATP-dependent RNA h	41.20	0.00
TRINITY_sp|D0PV9laf-1	ATP-dependent RNA h	41.20	0.00
TRINITY_sp|Q9VJ9Nedd8	NEDD8 OS=Drosophila	41.20	0.00
TRINITY_sp|Q6DC1-	UPF0668 protein C10	41.20	0.00
TRINITY_sp|O9452SPCC1281	ER membrane protein	41.20	0.00
TRINITY_sp|Q54P9osbI	Oxysterol-binding p	41.20	0.00
TRINITY_sp|Q6GK9FOLB3	Probable dihydroneo	41.20	0.00
TRINITY_sp|Q8K41Nsun5	Probable 28S rRNA (	41.20	0.00
TRINITY_sp|Q6PG1TTC37	Tetratricopeptide r	41.20	0.00
TRINITY_sp|P0C81MCCRP1	Probable serine/thr	41.20	0.00
TRINITY_sp|P1819glpF	Glycerol uptake fac	41.20	0.00
TRINITY_sp|A2AP9Scn1a	Sodium channel prot	41.20	0.00
TRINITY_sp|Q6NU1cwc15-a	Protein CWC15 homol	41.20	0.00

TRINITY_sp|Q5842psts	Phosphate-binding p	41.20	0.00
TRINITY_sp|Q94K0VPS33	Vacuolar protein-so	41.20	0.00
TRINITY_sp|O7559MYCBP2	E3 ubiquitin-protei	41.20	0.00
TRINITY_sp|Q9D30Pus10	Putative tRNA pseud	41.20	0.00
TRINITY_sp|Q4019RAB11A	Ras-related protein	41.20	0.00
TRINITY_sp|Q96D1DNAH11	Dynein heavy chain	41.20	0.00
TRINITY_sp|O3549Clcn6	Chloride transport	41.20	0.00
TRINITY_sp|Q9FP1UBP1	Ubiquitin carboxyl-	41.20	0.00
TRINITY_sp|Q48M1PSPPH_1	(Renalase OS=Pseudom	41.20	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	41.20	0.00
TRINITY_sp|Q9FN0PSL5	Probable glucan 1,3	41.20	0.00
TRINITY_sp|Q9FY9HPAT3	Hydroxyproline O-ar	41.20	0.00
TRINITY_sp|P8174-	Macrophage migratio	41.20	0.00
TRINITY_sp|Q67Z9TFCB	Tubulin-folding cof	41.20	0.00
TRINITY_sp|P0490GST3	Glutathione S-trans	41.20	0.00
TRINITY_sp|P9252AtMg0082	Uncharacterized mit	41.20	0.00
TRINITY_sp|Q9EQ0Tpp1	Tripeptidyl-peptida	41.20	0.00
TRINITY_sp|P3706-	L-ascorbate oxidase	41.20	0.00
TRINITY_sp|Q1246SKM1	Serine/threonine-pr	41.20	0.00
TRINITY_sp|Q8VC9Rbps2	RNA-binding protein	41.20	0.00
TRINITY_sp|Q9SIIHSP90-5	Heat shock protein	41.20	0.00
TRINITY_sp|Q67U0Os02g014	Probable protein ph	41.20	0.00
TRINITY_sp|Q6BU9RRD2	Serine/threonine-pr	41.20	0.00
TRINITY_sp|A2A59Arfgef2	Brefeldin A-inhibit	41.20	0.00
TRINITY_sp|Q9FZ9Atlg5188	Probable LRR recept	41.20	0.00
TRINITY_sp|Q54N9atg9	Autophagy-related p	41.20	0.00
TRINITY_sp|P6120Arf79F	ADP-ribosylation fa	41.20	0.00
TRINITY_sp|Q9TT0RGN	Regucalcin OS=Oryct	41.20	0.00
TRINITY_sp|P0AE0barA	Signal transduction	41.20	0.00
TRINITY_sp|Q8N10CCAR2	Cell cycle and apop	41.20	0.00
TRINITY_sp|O2260DEGP1	Protease Do-like 1,	41.20	0.00
TRINITY_sp|Q6R80PHO1-H8	Phosphate transport	41.10	0.00
TRINITY_sp|Q9LP0BIG3	Brefeldin A-inhibit	41.10	0.00
TRINITY_sp|Q1ZX9echs1	Probable enoyl-CoA	41.10	0.00
TRINITY_sp|Q7XJ9GAS8	Growth arrest-speci	41.10	0.00
TRINITY_sp|Q8GY9SULTR4;2	Probable sulfate tr	41.10	0.00
TRINITY_sp|P1268YPK1	Serine/threonine-pr	41.10	0.00
TRINITY_sp|P0569sacC	Levanase OS=Bacillu	41.10	0.00
TRINITY_sp|Q9FE9EIF2A	Eukaryotic translat	41.10	0.00
TRINITY_sp|Q0189YPT1	Ras-like GTP-bindin	41.10	0.00
TRINITY_sp|Q72I0fusA	Elongation factor G	41.10	0.00
TRINITY_sp|O6464At2g4564	Histone deacetylase	41.10	0.00
TRINITY_sp|O1409cta4	Manganese-transport	41.10	0.00
TRINITY_sp|Q8R49Dusp15	Dual specificity pr	41.10	0.00
TRINITY_sp|Q9NA9iplA	Inositol 1,4,5-tris	41.10	0.00
TRINITY_sp|Q9M89FTSHI3	Probable inactive A	41.10	0.00
TRINITY_sp|Q9FNEATXR6	Histone-lysine N-me	41.10	0.00
TRINITY_sp|O7849ycf27	Probable transcript	41.10	0.00
TRINITY_sp|C7EX9ATP8A2	Phospholipid-transp	41.10	0.00
TRINITY_sp|Q9STICEP2	KDEL-tailed cystein	41.10	0.00
TRINITY_sp|Q54K9gtaN	GATA zinc finger do	41.10	0.00
TRINITY_sp|P3289GSP1	GTP-binding nuclear	41.10	0.00
TRINITY_sp|Q4IN9FGRRES_	(Succinate dehydroge	41.10	0.00
TRINITY_sp|Q9510WASL	Neural Wiskott-Aldr	41.10	0.00
TRINITY_sp|Q9XY9fcpA	Probable C-terminal	41.10	0.00
TRINITY_sp|Q5A59NIK1	Histidine protein k	41.10	0.00

TRINITY_sp|Q7Y2|GTE7	Transcription facto	41.10	0.00
TRINITY_sp|P109|-	Retrovirus-related	41.10	0.00
TRINITY_sp|Q9WY|TM_0508	Uncharacterized pro	41.10	0.00
TRINITY_sp|A6QL|HERI3	ERI1 exoribonucleas	41.10	0.00
TRINITY_sp|Q54L|fvps13A	Putative vacuolar p	41.10	0.00
TRINITY_sp|Q9FN|PP7	Serine/threonine-pr	41.10	0.00
TRINITY_sp|Q8RE|adk	Adenylate kinase OS	41.10	0.00
TRINITY_sp|Q3MH|RNPC3	RNA-binding protein	41.10	0.00
TRINITY_sp|Q8T8|abcd2	ABC transporter D f	41.10	0.00
TRINITY_sp|P258|FBP	Fructose-1,6-bispho	41.10	0.00
TRINITY_sp|Q86J|mmgt	Membrane magnesium	41.10	0.00
TRINITY_sp|Q9C6|IMTK	Methylthioribose ki	41.10	0.00
TRINITY_sp|A0A0|frnf213b	E3 ubiquitin-protei	41.10	0.00
TRINITY_sp|Q9C0|DNAH6	Dynein heavy chain	41.10	0
TRINITY_sp|Q0UJ|NST1	Stress response pro	41.10	0.00
TRINITY_sp|Q9S7|TADA	tRNA(adenine(34)) d	41.10	0.00
TRINITY_sp|Q96P|ARHGEF1	Rho guanine nucleot	41.10	0.00
TRINITY_sp|O047|MSH6	DNA mismatch repair	41.10	0.00
TRINITY_sp|P280|AOAH	Acyloxyacyl hydroly	41.10	0.00
TRINITY_sp|P388|NMD3	60S ribosomal expor	41.10	0.00
TRINITY_sp|A3RF|ALDH3A1	Aldehyde dehydrogen	41.10	0.00
TRINITY_sp|Q156|MAPRE1	Microtubule-associa	41.10	0.00
TRINITY_sp|Q8WT|NOC3L	Nucleolar complex p	41.10	0.00
TRINITY_sp|Q5BL|atp8b1	Phospholipid-transp	41.10	0.00
TRINITY_sp|Q9SF|At3g0710	Protein transport p	41.10	0.00
TRINITY_sp|Q9C5|PUX13	Plant UBX domain-co	41.10	0.00
TRINITY_sp|Q54Y|DDB_G02	DNA-binding protein	41.10	0.00
TRINITY_sp|A6R7|PAN1	Actin cytoskeleton-	41.10	0.00
TRINITY_sp|Q5C9|NOM1	Nucleolar MIF4G dom	41.10	0.00
TRINITY_sp|Q8RW|EURL6	E3 ubiquitin-protei	41.10	0.00
TRINITY_sp|B5XAM|mrp158	Peptidyl-tRNA hydro	41.10	0.00
TRINITY_sp|Q9P7|SPAC521	NADP-dependent 3-hy	41.10	0.00
TRINITY_sp|O654|XCP1	Cysteine protease X	41.10	0.00
TRINITY_sp|Q9FG|CEP1	KDEL-tailed cystein	41.10	0.00
TRINITY_sp|Q6Q4|Atp2b4	Plasma membrane cal	41.10	0.00
TRINITY_sp|Q9LM|PAPS1	Nuclear poly(A) pol	41.10	0.00
TRINITY_sp|P981|Gnpat	Dihydroxyacetone ph	41.00	0.00
TRINITY_sp|Q54P|pwp2	Periodic tryptophan	41.00	0.00
TRINITY_sp|Q7L2|ABHD13	Protein ABHD13 OS=H	41.00	0.00
TRINITY_sp|O430|SPBC2G2	Deoxycytidylate dea	41.00	0.00
TRINITY_sp|Q6ZR|DNAH12	Dynein heavy chain	41.00	0.00
TRINITY_sp|Q0VC|PQLC1	PQ-loop repeat-cont	41.00	0.00
TRINITY_sp|P0CQ|SPT16	FACT complex subuni	41.00	0.00
TRINITY_sp|A1XD|stip-1	Septin and tuftelin	41.00	0.00
TRINITY_sp|Q55F|wdr91	WD repeat-contains	41.00	0.00
TRINITY_sp|O957|HERC2	E3 ubiquitin-protei	41.00	0.00
TRINITY_sp|Q1RM|ZNRD1	DNA-directed RNA po	41.00	0.00
TRINITY_sp|B0W3|CPIJ0016	Adenylyltransferase	41.00	0.00
TRINITY_sp|P241|Thop1	Thimet oligopeptida	41.00	0.00
TRINITY_sp|Q9UB|CTSF	Cathepsin F OS=Homo	41.00	0.00
TRINITY_sp|P169|Pka-C3	Protein kinase DC2	41.00	0.00
TRINITY_sp|Q9M9|SOL1	Carboxypeptidase SO	41.00	0.00
TRINITY_sp|P543|Pdi	Protein disulfide-i	41.00	0.00
TRINITY_sp|P441|ligA	DNA ligase OS=Haemo	41.00	0.00
TRINITY_sp|Q2KJ|CDC42	Cell division contr	41.00	0.00
TRINITY_sp|Q5VQ|Os06g014	Coatomer subunit be	41.00	0.00

TRINITY_sp|Q54GIarv1	Protein arv1 homolo	41.00	0.00
TRINITY_sp|Q6NRlccnyl1-k	Cyclin-Y-like prote	41.00	0.00
TRINITY_sp|Q930(USP9X	Probable ubiquitin	41.00	0.00
TRINITY_sp|Q5XM2aprA	Autocrine prolifera	41.00	0.00
TRINITY_sp|P105(MAL63	Maltose fermentatio	41.00	0.00
TRINITY_sp|O3444yrrC	ATP-dependent RecD-	41.00	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	41.00	0.00
TRINITY_sp|Q7T03rnf12-b	E3 ubiquitin-protei	41.00	0.00
TRINITY_sp|Q9246pub1	E3 ubiquitin-protei	41.00	0.00
TRINITY_sp|F4I2HSWI2	Switch 2 OS=Arabido	41.00	0.00
TRINITY_sp|Q8IS1gefD	Ras guanine nucleot	41.00	0.00
TRINITY_sp|Q4PC(HOG1	Mitogen-activated p	41.00	0.00
TRINITY_sp|O6052NEMF	Nuclear export medi	41.00	0.00
TRINITY_sp|O5966SPBC29A5	LisH domain-contain	41.00	0.00
TRINITY_sp|Q9NY5STK32B	Serine/threonine-pr	41.00	0.00
TRINITY_sp|Q8GY2UPL1	E3 ubiquitin-protei	41.00	0.00
TRINITY_sp|P4877uapC	Purine permease OS=	41.00	0.00
TRINITY_sp|Q9I86azin2	Antizyme inhibitor	41.00	0.00
TRINITY_sp|Q9TR1FKBP4	Peptidyl-prolyl cis	41.00	0.00
TRINITY_sp|Q54RselmoC	ELMO domain-contain	41.00	0.00
TRINITY_sp|P4944GSPATT0	(Protein phosphatase	41.00	0.00
TRINITY_sp|O659(CAP1	Cyclase-associated	41.00	0.00
TRINITY_sp|Q6INIadck1	Uncharacterized aar	41.00	0.00
TRINITY_sp|P4364-	DnaJ protein homolo	41.00	0.00
TRINITY_sp|Q8INIgyc88E	Soluble guanylate c	41.00	0.00
TRINITY_sp|Q84WEAt5g045	(Glycosyltransferase	41.00	0.00
TRINITY_sp|P1539rpa1	DNA-directed RNA po	41.00	0.00
TRINITY_sp|O6782guaB	Inosine-5'-monophos	41.00	0.00
TRINITY_sp|F4IE6RID1	Pre-mRNA-splicing f	41.00	0.00
TRINITY_sp|O7538ULK1	Serine/threonine-pr	41.00	0.00
TRINITY_sp|Q7T0Vbop1-a	Ribosome biogenesis	41.00	0.00
TRINITY_sp|Q9C95SRK2B	Serine/threonine-pr	41.00	0.00
TRINITY_sp|Q8R3IMcat	Malonyl-CoA-acyl ca	41.00	0.00
TRINITY_sp|Q54FIgefK	Ras guanine nucleot	41.00	0.00
TRINITY_sp|P2708ABT	ADP,ATP carrier pro	41.00	0.00
TRINITY_sp|Q9FNYE2FA	Transcription facto	41.00	0.00
TRINITY_sp|Q9LZ1STN8	Serine/threonine-pr	41.00	0.00
TRINITY_sp|P1097-	Retrovirus-related	41.00	0.00
TRINITY_sp|P6234CPK1	Calcium-dependent p	41.00	0.00
TRINITY_sp|E1BZFTTECPR1	Tectonin beta-prope	41.00	0.00
TRINITY_sp|Q8MR6viaf	Viral IAP-associate	41.00	0.00
TRINITY_sp|Q9945CDC5L	Cell division cycle	41.00	0.00
TRINITY_sp|B9DFCISE2	DExH-box ATP-depend	41.00	0.00
TRINITY_sp|Q9XT9tbh-1	Tyramine beta-hydro	41.00	0.00
TRINITY_sp|Q2XQ1IFT57	Intraflagellar tran	41.00	0.00
TRINITY_sp|P0CY3SEC4	Ras-related protein	41.00	0.00
TRINITY_sp|O8102EMB1187	Probable ethanolami	41.00	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	41.00	0.00
TRINITY_sp|O433(HSPA12A	Heat shock 70 kDa p	41.00	0.00
TRINITY_sp|Q7T03cfap36	Cilia- and flagella	41.00	0.00
TRINITY_sp|Q0297CAD8	Cinnamyl alcohol de	41.00	0.00
TRINITY_sp|Q5ZJ1GARNL3	GTPase-activating R	41.00	0.00
TRINITY_sp|Q5AVMdbp5	ATP-dependent RNA h	41.00	0.00
TRINITY_sp|Q0JL7Os01g061	Probable protein ph	41.00	0.00
TRINITY_sp|Q9QX6Dpf1	Zinc finger protein	41.00	0.00
TRINITY_sp|O3444yloB	Calcium-transportin	41.00	0.00

TRINITY_sp|Q0897NEW1	[NU+] prion formati	41.00	0.00
TRINITY_sp|Q641CFAM21A	WASH complex subuni	41.00	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	41.00	0.00
TRINITY_sp|Q6ZSJCAPN12	Calpain-12 OS=Homo	41.00	0.00
TRINITY_sp|Q1583STXBP2	Syntaxin-binding pr	41.00	0.00
TRINITY_sp|Q54E3dtd	D-tyrosyl-tRNA(Tyr)	40.90	0.00
TRINITY_sp|O5967SPBC29A3	Uncharacterized ABC	40.90	0.00
TRINITY_sp|O9662arce	Actin-related prote	40.90	0.00
TRINITY_sp|Q32P7CTEX1D2	Tctex1 domain-conta	40.90	0.00
TRINITY_sp|Q9X1HglpK2	Glycerol kinase 2 O	40.90	0.00
TRINITY_sp|Q0981rqh1	ATP-dependent DNA h	40.90	0.00
TRINITY_sp|Q54CFmobB	MOB kinase activato	40.90	0.00
TRINITY_sp|Q9LR2PLDZETA1	Phospholipase D zet	40.90	0.00
TRINITY_sp|F1QC4rp2	Protein XRP2 OS=Dan	40.90	0.00
TRINITY_sp|Q84ZCOs07g054	Probable V-type pro	40.90	0.00
TRINITY_sp|Q9LDFMYB108	Transcription facto	40.90	0.00
TRINITY_sp|Q7XR\RM11	RecQ-mediated genom	40.90	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	40.90	0.00
TRINITY_sp|D7UQ\aur	Aurora kinase OS=Pa	40.90	0.00
TRINITY_sp|Q6433Sqstm1	Sequestosome-1 OS=M	40.90	0.00
TRINITY_sp|Q1DN\CCIMG_081	Very-long-chain 3-o	40.90	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	40.90	0.00
TRINITY_sp|Q1414MORC3	MORC family CW-type	40.90	0.00
TRINITY_sp|Q86XVNME9	Thioredoxin domain-	40.90	0.00
TRINITY_sp|Q5ZKVARL2BP	ADP-ribosylation fa	40.90	0.00
TRINITY_sp|Q0QLE\dm1	2,3-dimethylmalate	40.90	0.00
TRINITY_sp|Q1005shk2	Serine/threonine-pr	40.90	0.00
TRINITY_sp|Q7XZ\USAC1	Phosphoinositide ph	40.90	0.00
TRINITY_sp|Q55G\UDDB_G026	Probable serine/thr	40.90	0.00
TRINITY_sp|Q4R8\RAB1B	Ras-related protein	40.90	0.00
TRINITY_sp|Q54Q\UDDB_G028	Probable zinc trans	40.90	0.00
TRINITY_sp|P0CQ8\DDH1	ATP-dependent RNA h	40.90	0.00
TRINITY_sp|Q1033SPBC582	Uncharacterized ATP	40.90	0.00
TRINITY_sp|Q2YDE\GOLT1B	Vesicle transport p	40.90	0.00
TRINITY_sp|Q86Y\CPNE8	Copine-8 OS=Homo sa	40.90	0.00
TRINITY_sp|O0084\cuda	Putative transcript	40.90	0.00
TRINITY_sp|Q2MHE\HT1	Serine/threonine-pr	40.90	0.00
TRINITY_sp|Q54BM\mcfG	Mitochondrial subst	40.90	0.00
TRINITY_sp|Q56A4\ccdc40	Coiled-coil domain-	40.90	0.00
TRINITY_sp|Q84L3\RAD23B	Ubiquitin receptor	40.90	0.00
TRINITY_sp|Q5RJ\coq9	Ubiquinone biosynth	40.90	0.00
TRINITY_sp|Q94F\SDX1	Probable tocopherol	40.90	0.00
TRINITY_sp|Q9ZRI\CAD	Probable mannitol d	40.90	0.00
TRINITY_sp|Q557\cpolr3h-1	DNA-directed RNA po	40.90	0.00
TRINITY_sp|P8377\GRP2	Putative NADPH-depe	40.90	0.00
TRINITY_sp|Q0D7\ENRAMP1	Metal transporter N	40.90	0.00
TRINITY_sp|Q9C5\OEP80	Outer envelope prot	40.90	0.00
TRINITY_sp|Q69Z\Hbs11	HBS1-like protein O	40.90	0.00
TRINITY_sp|Q9Y6\IARFGEF2	Brefeldin A-inhibit	40.90	0.00
TRINITY_sp|Q1412\PDE1C	Calcium/calmodulin-	40.90	0.00
TRINITY_sp|O8226\DEGP2	Protease Do-like 2,	40.90	0.00
TRINITY_sp|B5X42\NAGS2	Probable amino-acid	40.90	0.00
TRINITY_sp|O0421\At2g4009	Putative ABC1 prote	40.90	0.00
TRINITY_sp|Q8VY\CCR4-6	Carbon catabolite r	40.90	0.00
TRINITY_sp|P0829-	Pathogenesis-relate	40.90	0.00
TRINITY_sp|P2817\pkgB	Protein kinase 2 OS	40.90	0.00

TRINITY_sp|Q84K|DDB2	DNA damage-binding	40.90	0.00
TRINITY_sp|Q8W5|At3g1514	Uncharacterized exo	40.90	0.00
TRINITY_sp|P562|tif225	Probable translatio	40.90	0.00
TRINITY_sp|Q9UJ|TRMT6	tRNA (adenine(58)-N	40.90	0.00
TRINITY_sp|Q9M1|ABCB21	ABC transporter B f	40.90	0.00
TRINITY_sp|Q8UV|baz1a	Bromodomain adjacen	40.90	0.00
TRINITY_sp|Q7T6|MIMI_R8	Putative serine/thr	40.90	0.00
TRINITY_sp|Q294|Su(var)3	Histone-lysine N-me	40.80	0.00
TRINITY_sp|P324|GBP2	Guanylate-binding p	40.80	0.00
TRINITY_sp|Q28F|mfsd7-A	Major facilitator s	40.80	0.00
TRINITY_sp|P347|RAS-2	Ras-like protein 2	40.80	0.00
TRINITY_sp|F4JZ|ENGASE1	Cytosolic endo-beta	40.80	0.00
TRINITY_sp|Q6Z8|Os02g022	Probable protein ph	40.80	0.00
TRINITY_sp|P201|GSTM2	Glutathione S-trans	40.80	0.00
TRINITY_sp|Q9LE|CAF1-10	Probable CCR4-assoc	40.80	0.00
TRINITY_sp|P412|Abca1	ATP-binding cassett	40.80	0.00
TRINITY_sp|O225|STY8	Serine/threonine-pr	40.80	0.00
TRINITY_sp|Q8GW|GFA2	Chaperone protein d	40.80	0.00
TRINITY_sp|Q6AX|Mtm1	Myotubularin OS=Rat	40.80	0.00
TRINITY_sp|Q8BL|Cpne4	Copine-4 OS=Mus mus	40.80	0.00
TRINITY_sp|P331|ACSL1	Long-chain-fatty-ac	40.80	0.00
TRINITY_sp|Q995|TSNAX	Translin-associated	40.80	0.00
TRINITY_sp|F4I2|FSWI2	Switch 2 OS=Arabido	40.80	0.00
TRINITY_sp|O756|USP2	Ubiquitin carboxyl-	40.80	0.00
TRINITY_sp|O953|ATG7	Ubiquitin-like modi	40.80	0.00
TRINITY_sp|Q76F|NOL8	Nucleolar protein 8	40.80	0.00
TRINITY_sp|Q5TI|VWA5B1	von Willebrand fact	40.80	0.00
TRINITY_sp|Q9SU|PAO5	Probable polyamine	40.80	0.00
TRINITY_sp|Q9LV|APRR3	Two-component respo	40.80	0.00
TRINITY_sp|Q54D|rer1	Protein RER1 homolo	40.80	0.00
TRINITY_sp|O763|RACG	Rho-related protein	40.80	0.00
TRINITY_sp|O151|NPC1	Niemann-Pick C1 pro	40.80	0.00
TRINITY_sp|Q86Y|CPNE8	Copine-8 OS=Homo sa	40.80	0.00
TRINITY_sp|P975|Acox2	Peroxisomal acyl-co	40.80	0.00
TRINITY_sp|Q9FH|GSTT3	Glutathione S-trans	40.80	0.00
TRINITY_sp|O229|At2g3416	Uncharacterized pro	40.80	0.00
TRINITY_sp|Q9HB|RRAGC	Ras-related GTP-bin	40.80	0.00
TRINITY_sp|Q9FF|EGY2	Probable zinc metal	40.80	0.00
TRINITY_sp|Q54W|gna1	Glucosamine 6-phosp	40.80	0.00
TRINITY_sp|Q94B|GCP1	Germination-specifi	40.80	0.00
TRINITY_sp|Q54U|abcC12	ABC transporter C f	40.80	0.00
TRINITY_sp|Q9VR|l(1)G01	Inositol hexakispho	40.80	0.00
TRINITY_sp|Q8BL|-	UPF0769 protein C21	40.80	0.00
TRINITY_sp|P270|Parp1	Poly [ADP-ribose] p	40.80	0.00
TRINITY_sp|Q80X|Usp6n1	USP6 N-terminal-lik	40.80	0.00
TRINITY_sp|P496|PRIM1	DNA primase small s	40.80	0.00
TRINITY_sp|O749|mug40	DNA polymerase kapp	40.80	0.00
TRINITY_sp|Q8RY|At2g3325	Haloacid dehalogena	40.80	0.00
TRINITY_sp|Q9TT|pro-pol	Pro-Pol polyprotein	40.80	0.00
TRINITY_sp|P516|arf4	ADP-ribosylation fa	40.80	0.00
TRINITY_sp|Q0IW|GRXS11	Monothiol glutaredo	40.80	0.00
TRINITY_sp|Q9LP|CRHM2	Trifunctional UDP-g	40.80	0.00
TRINITY_sp|O354|Folh1	Glutamate carboxype	40.80	0.00
TRINITY_sp|A1TF|hpxO	FAD-dependent urate	40.80	0.00
TRINITY_sp|Q9GR|efa1B	Elongation factor 1	40.80	0.00
TRINITY_sp|P0CT|UMAG_10	Small glutamine-ric	40.80	0.00

TRINITY_sp|O3479yvkC	Uncharacterized pho	40.80	0.00
TRINITY_sp|O7539VPS4B	Vacuolar protein so	40.80	0.00
TRINITY_sp|A8IC9CFAP46	Cilia- and flagella	40.80	0.00
TRINITY_sp|Q54W9bzbpF	Probable basic-leuc	40.80	0.00
TRINITY_sp|Q6PG9traf3ip1	TRAF3-interacting p	40.80	0.00
TRINITY_sp|Q66G9NOA1	NO-associated prote	40.80	0.00
TRINITY_sp|Q9LM9FKBP18	Peptidyl-prolyl cis	40.80	0.00
TRINITY_sp|P0CY9SEC4	Ras-related protein	40.80	0.00
TRINITY_sp|P1099-	Retrovirus-related	40.80	0.00
TRINITY_sp|Q7G19AAO4	Benzaldehyde dehydr	40.80	0.00
TRINITY_sp|O5979ark1	Serine/threonine-pr	40.80	0.00
TRINITY_sp|Q9ST1At3g4838	Probable Ufm1-speci	40.80	0.00
TRINITY_sp|Q7TX9ppscC	Phthiocerol/phenolp	40.80	0.00
TRINITY_sp|Q9FW9DHAR1	Glutathione S-trans	40.80	0.00
TRINITY_sp|Q3911At4g3294	Vacuolar-processing	40.80	0.00
TRINITY_sp|Q99J9Taf11	Transcription initi	40.80	0.00
TRINITY_sp|Q7XM9Os04g059	DEAD-box ATP-depend	40.80	0.00
TRINITY_sp|Q54Q9UDDB_G028	Probable zinc trans	40.70	0.00
TRINITY_sp|Q9Z29Hdac6	Histone deacetylase	40.70	0.00
TRINITY_sp|P5199NEK3	Serine/threonine-pr	40.70	0.00
TRINITY_sp|Q96M9ZDHHC15	Palmitoyltransferas	40.70	0.00
TRINITY_sp|A5PK9IABHD17C	Protein ABHD17C OS=	40.70	0.00
TRINITY_sp|Q8MM9ipaxB	Paxillin-B OS=Dicty	40.70	0.00
TRINITY_sp|P0CG9UBI4	Polyubiquitin OS=Ca	40.70	0.00
TRINITY_sp|Q94K9At3g5814	Phenylalanine--tRNA	40.70	0.00
TRINITY_sp|Q0J99EME1	Crossover junction	40.70	0.00
TRINITY_sp|Q9SU9At4g1658	Probable protein ph	40.70	0.00
TRINITY_sp|Q5VJ9Igd9	Probable serine/thr	40.70	0.00
TRINITY_sp|Q54Y9ngap	Probable Ras GTPase	40.70	0.00
TRINITY_sp|P5209proC	Pyrroline-5-carboxy	40.70	0.00
TRINITY_sp|Q8MI9TGIF2LX	Homeobox protein TG	40.70	0.00
TRINITY_sp|Q8WT9DUSP19	Dual specificity pr	40.70	0.00
TRINITY_sp|Q1ZX9IDDB_G027	PH domain-containin	40.70	0.00
TRINITY_sp|Q9SJ9FIM4	Fimbrin-4 OS=Arabid	40.70	0.00
TRINITY_sp|Q9RS9fpnp	Polyribonucleotide	40.70	0.00
TRINITY_sp|P0869CYP3A4	Cytochrome P450 3A4	40.70	0.00
TRINITY_sp|P0859pstI	Aqualysin-1 OS=Ther	40.70	0.00
TRINITY_sp|Q6439Sqstm1	Sequestosome-1 OS=M	40.70	0.00
TRINITY_sp|O0879Ogg1	N-glycosylase/DNA l	40.70	0.00
TRINITY_sp|Q5519Hfray2	Serine/threonine-pr	40.70	0.00
TRINITY_sp|Q8699doka	Hybrid signal trans	40.70	0.00
TRINITY_sp|Q9D29Vps33a	Vacuolar protein so	40.70	0.00
TRINITY_sp|Q6I59CDKC-1	Cyclin-dependent ki	40.70	0.00
TRINITY_sp|P2569PWP2	Periodic tryptophan	40.70	0.00
TRINITY_sp|P1699CNJC	Conjugation stage-s	40.70	0.00
TRINITY_sp|O3219yuid	Uncharacterized mem	40.70	0.00
TRINITY_sp|Q1329SRSF6	Serine/arginine-ric	40.70	0.00
TRINITY_sp|Q6189Ras12-9	GTP-binding nuclear	40.70	0.00
TRINITY_sp|P6299RAC1	Ras-related C3 botu	40.70	0.00
TRINITY_sp|P0CS9AKR1	Palmitoyltransferas	40.70	0.00
TRINITY_sp|O1559PDPK1	3-phosphoinositide-	40.70	0.00
TRINITY_sp|Q0229hemB	Delta-aminolevulini	40.70	0.00
TRINITY_sp|A2XU9OsI_1632	Pachytene checkpoin	40.70	0.00
TRINITY_sp|Q9UT9paal	Protein phosphatase	40.70	0.00
TRINITY_sp|Q2279sym-2	RNA-binding protein	40.70	0.00
TRINITY_sp|Q0199CPP1	Cysteine proteinase	40.70	0.00

TRINITY_sp|Q0974dnm1	Dynamamin-related pro	40.70	0.00
TRINITY_sp|Q6460Ptprf	Receptor-type tyros	40.70	0.00
TRINITY_sp|C0QTRpsO	30S ribosomal prote	40.70	0.00
TRINITY_sp|Q9Y71SPBC2A9	Uncharacterized WD	40.70	0.00
TRINITY_sp|Q67Y1ATL65	RING-H2 finger prot	40.70	0.00
TRINITY_sp|Q3SZHLTA4H	Leukotriene A-4 hyd	40.70	0.00
TRINITY_sp|P0414GIP	Copia protein OS=Dr	40.70	0.00
TRINITY_sp|Q9CWMcm8	DNA helicase MCM8 O	40.70	0.00
TRINITY_sp|P7400prmc	Release factor glut	40.70	0.00
TRINITY_sp|P0432pol	Retrovirus-related	40.70	0.00
TRINITY_sp|P2913isp	Intracellular serin	40.70	0.00
TRINITY_sp|Q6DI3ublcp1	Ubiquitin-like doma	40.70	0.00
TRINITY_sp|Q9FNQVIP4	Protein LEO1 homolo	40.70	0.00
TRINITY_sp|A7SK0dph2	Diphthamide biosynt	40.70	0.00
TRINITY_sp|Q2JN1ftsH	ATP-dependent zinc	40.70	0.00
TRINITY_sp|Q91V2Abca7	ATP-binding cassett	40.70	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	40.70	0.00
TRINITY_sp|P1097-	Retrovirus-related	40.70	0.00
TRINITY_sp|Q8GW0PGLP2	Phosphoglycolate ph	40.60	0.00
TRINITY_sp|Q0539PTK2	Focal adhesion kina	40.60	0.00
TRINITY_sp|Q9FK7SBT5.6	Subtilisin-like pro	40.60	0.00
TRINITY_sp|Q9SJEWBC30	Putative white-brow	40.60	0.00
TRINITY_sp|Q9DA0Dynlrb2	Dynein light chain	40.60	0.00
TRINITY_sp|Q8K44Abca5	ATP-binding cassett	40.60	0.00
TRINITY_sp|Q9ZR3DSPTP1	Dual specificity pr	40.60	0.00
TRINITY_sp|Q2FK4pflB	Formate acetyltrans	40.60	0.00
TRINITY_sp|Q84Q0OPR1	12-oxophytodienoate	40.60	0.00
TRINITY_sp|Q0322divJ	Histidine protein k	40.60	0.00
TRINITY_sp|O3148ydcI	Uncharacterized pro	40.60	0.00
TRINITY_sp|P0407-	Thermitase OS=Therm	40.60	0.00
TRINITY_sp|Q8ND7CCNY	Cyclin-Y OS=Homo sa	40.60	0.00
TRINITY_sp|Q149MSHPRH	E3 ubiquitin-protei	40.60	0.00
TRINITY_sp|B9KZ4der	GTPase Der OS=Therm	40.60	0.00
TRINITY_sp|Q9H0IRNF38	E3 ubiquitin-protei	40.60	0.00
TRINITY_sp|A2YE2SAP8	Zinc finger A20 and	40.60	0.00
TRINITY_sp|Q3Z60trpD	Anthranilate phosph	40.60	0.00
TRINITY_sp|P4356RIM15	Serine/threonine-pr	40.60	0.00
TRINITY_sp|Q9ZP0AMT1-2	Ammonium transporte	40.60	0.00
TRINITY_sp|Q8N61SIRT6	NAD-dependent prote	40.60	0.00
TRINITY_sp|Q4J60PREPL	Prolyl endopeptidas	40.60	0.00
TRINITY_sp|Q90Y3ZNF622	Zinc finger protein	40.60	0.00
TRINITY_sp|O2372MVD1	Diphosphomevalonate	40.60	0.00
TRINITY_sp|Q9PK0malQ	4-alpha-glucanotran	40.60	0.00
TRINITY_sp|P4953ycf39	Uncharacterized pro	40.60	0.00
TRINITY_sp|Q9SD8GDPD6	Glycerophosphodiast	40.60	0.00
TRINITY_sp|Q9651Y57E12AM	Transmembrane prote	40.60	0.00
TRINITY_sp|Q9CQCmem216	Transmembrane prote	40.60	0.00
TRINITY_sp|Q8BT6Cpne3	Copine-3 OS=Mus mus	40.60	0.00
TRINITY_sp|Q948FTHH1	Protein TOM THREE H	40.60	0.00
TRINITY_sp|Q74ZSPAB1	Polyadenylate-bindi	40.60	0.00
TRINITY_sp|Q9LTAAt3g1944	RNA pseudouridine s	40.60	0.00
TRINITY_sp|Q6PF1ndor1	NADPH-dependent dif	40.60	0.00
TRINITY_sp|O5031bchH	Magnesium-chelatase	40.60	0.00
TRINITY_sp|Q54DUmcfP	Mitochondrial subst	40.60	0.00
TRINITY_sp|Q54W0bzipF	Probable basic-leuc	40.60	0.00
TRINITY_sp|Q3E90CPK34	Calcium-dependent p	40.60	0.00

TRINITY_sp|Q0666|OMS1	Methyltransferase O	40.60	0.00
TRINITY_sp|Q5864|aroB'	3-dehydroquinate sy	40.60	0.00
TRINITY_sp|O9444|bdp1	Transcription facto	40.60	0.00
TRINITY_sp|Q8L97|P4H7	Probable prolyl 4-h	40.60	0.00
TRINITY_sp|Q6IQ5|sae1	SUMO-activating enz	40.60	0.00
TRINITY_sp|Q6P80|arl8a	ADP-ribosylation fa	40.60	0.00
TRINITY_sp|Q5T28|C9orf114	Putative methyltran	40.60	0.00
TRINITY_sp|O7940|MT-CO3	Cytochrome c oxidas	40.60	0.00
TRINITY_sp|Q94A8|NUDT19	Nudix hydrolase 19,	40.60	0.00
TRINITY_sp|B4I44|GM10981	Diacylglycerol kina	40.60	0.00
TRINITY_sp|Q7580|BTN1	Protein BTN1 OS=Ash	40.60	0.00
TRINITY_sp|Q9299|BRF1	Transcription facto	40.60	0.00
TRINITY_sp|Q2KI7|PRPF3	U4/U6 small nuclear	40.60	0.00
TRINITY_sp|Q9SS5|FAB1C	Putative 1-phosphat	40.60	0.00
TRINITY_sp|Q9LY6|FKBP19	Peptidyl-prolyl cis	40.60	0.00
TRINITY_sp|Q9P77|rpa2	Probable DNA-direct	40.60	0.00
TRINITY_sp|O7388|HPGDS	Hematopoietic prost	40.60	0.00
TRINITY_sp|Q9JM0|Edf1	Endothelial differe	40.60	0.00
TRINITY_sp|O2284|At2g4361	Endochitinase At2g4	40.60	0.00
TRINITY_sp|A8XN5|sgk-1	Serine/threonine-pr	40.50	0.00
TRINITY_sp|C7G04|DDB_G028	von Willebrand fact	40.50	0.00
TRINITY_sp|F4JMI|At4g1680	Probable enoyl-CoA	40.50	0.00
TRINITY_sp|P5094|INP52	Polyphosphatidyli	40.50	0.00
TRINITY_sp|Q0IXI|Os10g041	Acylamino-acid-rele	40.50	0.00
TRINITY_sp|Q8N47|CBR4	Carbonyl reductase	40.50	0.00
TRINITY_sp|Q9JH0|Pigp	Phosphatidylinosito	40.50	0.00
TRINITY_sp|Q92JH|tIIS	tRNA(Ile)-lysidine	40.50	0.00
TRINITY_sp|Q569I|selenbp1	Selenium-binding pr	40.50	0.00
TRINITY_sp|Q8NI0|NCOA7	Nuclear receptor co	40.50	0.00
TRINITY_sp|P5464|pkbA	RAC family serine/t	40.50	0.00
TRINITY_sp|O9567|ASMTL	N-acetylserotonin O	40.50	0.00
TRINITY_sp|P8192|-	Superoxide dismutas	40.50	0.00
TRINITY_sp|P8286|fdxr	NADPH:adrenodoxin o	40.50	0.00
TRINITY_sp|Q9ZT4|ATE1	Arginyl-tRNA--prote	40.50	0.00
TRINITY_sp|Q9D77|Rtca	RNA 3'-terminal pho	40.50	0.00
TRINITY_sp|Q6NV3|wdr82	WD repeat-containin	40.50	0.00
TRINITY_sp|F4IP0|SWC2	SWR1 complex subuni	40.50	0.00
TRINITY_sp|P4273|PAB2	Polyadenylate-bindi	40.50	0.00
TRINITY_sp|Q55BI|csn7	COP9 signalosome co	40.50	0.00
TRINITY_sp|Q8CA0|Iba57	Putative transferas	40.50	0.00
TRINITY_sp|Q7T60|MIMI_R80	Putative serine/thr	40.50	0.00
TRINITY_sp|Q54S5|DDB_G028	Protein PIEZO homol	40.50	0.00
TRINITY_sp|D3YV1|Ccdc13	Coiled-coil domain-	40.50	0.00
TRINITY_sp|P0418|Cfb	Complement factor B	40.50	0.00
TRINITY_sp|Q9S71|MYB98	Transcription facto	40.50	0.00
TRINITY_sp|Q54BM|mcfg	Mitochondrial subst	40.50	0.00
TRINITY_sp|P0783|PETF	Ferredoxin, chlorop	40.50	0.00
TRINITY_sp|P6234|CPK1	Calcium-dependent p	40.50	0.00
TRINITY_sp|Q5M71|Ino16	Nucleolar protein 6	40.50	0.00
TRINITY_sp|Q99P0|Ogfr	Opioid growth facto	40.50	0.00
TRINITY_sp|Q9VB0|Clbn	Nuclear export medi	40.50	0.00
TRINITY_sp|Q9JI0|Dclrela	DNA cross-link repa	40.50	0.00
TRINITY_sp|Q6ZS1|CAPN12	Calpain-12 OS=Homo	40.50	0.00
TRINITY_sp|P2580|-	Cysteine proteinase	40.50	0.00
TRINITY_sp|A7SN0|vlg24640	Serine/threonine-pr	40.50	0.00
TRINITY_sp|Q7TP0|Pigv	GPI mannosyltransfe	40.50	0.00

TRINITY_sp|P2752LHCA4	Chlorophyll a-b bin	40.50	0.00
TRINITY_sp|Q9LI6TMN7	Transmembrane 9 sup	40.50	0.00
TRINITY_sp|A2YV8OsI_0282	DEAD-box ATP-depend	40.50	0.00
TRINITY_sp|Q4R81GNL1	Guanine nucleotide-	40.50	0.00
TRINITY_sp|P1725Mvk	Mevalonate kinase O	40.50	0.00
TRINITY_sp|Q8TF6ATP8B4	Probable phospholip	40.50	0.00
TRINITY_sp|Q6DJ1pithd1	PITH domain-contain	40.50	0.00
TRINITY_sp|O7593DNAJC8	DnaJ homolog subfam	40.50	0.00
TRINITY_sp|Q8RW4SNRNP65	U11/U12 small nucle	40.50	0.00
TRINITY_sp|Q5562snf12-1	SWI/SNF complex com	40.50	0.00
TRINITY_sp|Q4A16walR	Transcriptional reg	40.50	0.00
TRINITY_sp|Q58A4DD3-3	Protein DD3-3 OS=Di	40.50	0.00
TRINITY_sp|Q67X2At5g0655	F-box protein At5g0	40.50	0.00
TRINITY_sp|Q7TM6Prpc	Lysosomal Pro-X car	40.50	0.00
TRINITY_sp|P2212-	Ras-related protein	40.50	0.00
TRINITY_sp|D3ZN4Ndufaf6	NADH dehydrogenase	40.50	0.00
TRINITY_sp|Q8GY2UPL1	E3 ubiquitin-protei	40.50	0.00
TRINITY_sp|Q9256FIG4	Polyphosphoinositid	40.50	0.00
TRINITY_sp|Q7YR6PLCZ	1-phosphatidylinosi	40.50	0.00
TRINITY_sp|Q3958-	Dynein 18 kDa light	40.50	0.00
TRINITY_sp|Q54H1mybQ	Myb-like protein Q	40.50	0.00
TRINITY_sp|F4JB1ATG1B	Serine/threonine-pr	40.50	0.00
TRINITY_sp|P4329SRK2G	Serine/threonine-pr	40.50	0.00
TRINITY_sp|O1429wis4	MAP kinase kinase k	40.50	0.00
TRINITY_sp|Q5RH1ift172	Intraflagellar tran	40.50	0
TRINITY_sp|Q9SU6ITPK3	Inositol-tetrakisph	40.50	0.00
TRINITY_sp|P1473IDE	Insulin-degrading e	40.50	0.00
TRINITY_sp|Q7PN1AGAP0058	Alpha-tubulin N-ace	40.50	0.00
TRINITY_sp|Q8LE1At2g3066	(BTB/POZ domain-cont	40.50	0.00
TRINITY_sp|Q9FF1RLT2	Homeobox-DDT domain	40.50	0.00
TRINITY_sp|Q28D1eed	Polycomb protein ee	40.50	0.00
TRINITY_sp|Q5FW1ZRANB3	DNA annealing helic	40.50	0.00
TRINITY_sp|Q2663-	Cathepsin L OS=Sarc	40.50	0.00
TRINITY_sp|O7534GUCY1B2	Guanylate cyclase s	40.50	0.00
TRINITY_sp|P2577Os04g065	Oryzain alpha chain	40.50	0.00
TRINITY_sp|Q54R5DDB_G028	Probable tyrosine-p	40.50	0.00
TRINITY_sp|Q6DR1ddx51	ATP-dependent RNA h	40.40	0.00
TRINITY_sp|O5105BB_0024	Uncharacterized pro	40.40	0.00
TRINITY_sp|P5399Rab2a	Ras-related protein	40.40	0.00
TRINITY_sp|Q5ZJ1ABHD13	Protein ABHD13 OS=G	40.40	0.00
TRINITY_sp|Q9BX1MAP1LC3C	Microtubule-associa	40.40	0.00
TRINITY_sp|Q6067Sik1	Serine/threonine-pr	40.40	0.00
TRINITY_sp|P4031CYB5	Cytochrome b5 OS=Sa	40.40	0.00
TRINITY_sp|P3245APE2	Aminopeptidase 2, m	40.40	0.00
TRINITY_sp|Q9LH1ABCB15	ABC transporter B f	40.40	0.00
TRINITY_sp|Q95Z5tdc-1	Tyrosine decarboxyl	40.40	0.00
TRINITY_sp|Q9NZ1OGFR	Opioid growth facto	40.40	0.00
TRINITY_sp|O8109NRPB8A	DNA-directed RNA po	40.40	0.00
TRINITY_sp|Q9YD1thsA	Thermosome subunit	40.40	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	40.40	0.00
TRINITY_sp|Q2N21-	Probable phytol kin	40.40	0.00
TRINITY_sp|Q9FV1AMT1-3	Ammonium transporte	40.40	0.00
TRINITY_sp|Q9NT1ATP8A2	Phospholipid-transp	40.40	0.00
TRINITY_sp|Q4VY7hiuH	5-hydroxyisourate h	40.40	0.00
TRINITY_sp|Q8GW1PMRT15	Protein arginine N-	40.40	0.00
TRINITY_sp|Q6CJ5MDV1	Mitochondrial divis	40.40	0.00

TRINITY_sp|Q54R\sglA	Sphingosine-1-phosp	40.40	0.00
TRINITY_sp|O697\betC	Choline-sulfatase O	40.40	0.00
TRINITY_sp|Q54E\srcp19	DNA-directed RNA po	40.40	0.00
TRINITY_sp|P2204P100/11E	Prostaglandin F syn	40.40	0.00
TRINITY_sp|Q652\PH4;4	Probable anion tran	40.40	0.00
TRINITY_sp|Q925\FIG4	Polyphosphoinositid	40.40	0.00
TRINITY_sp|P281\pkgB	Protein kinase 2 OS	40.40	0.00
TRINITY_sp|O751\CPNE3	Copine-3 OS=Homo sa	40.40	0.00
TRINITY_sp|B8AE\FRR23	Two-component respo	40.40	0.00
TRINITY_sp|Q4FE4XBAT35	Putative E3 ubiquit	40.40	0.00
TRINITY_sp|Q9ST\CIPK8	CBL-interacting ser	40.40	0.00
TRINITY_sp|Q8VY\FSQE3	Squalene epoxidase	40.40	0.00
TRINITY_sp|Q54I\DDB_G02\	Vacuolar fusion pro	40.40	0.00
TRINITY_sp|Q54W\mem184\	Transmembrane prote	40.40	0.00
TRINITY_sp|Q247\-	Myophilin OS=Echino	40.40	0.00
TRINITY_sp|Q169\-	Dynein intermediate	40.40	0.00
TRINITY_sp|Q5ZJ\SUPV3L1	ATP-dependent RNA h	40.40	0.00
TRINITY_sp|O233\ATXR3	Histone-lysine N-me	40.40	0.00
TRINITY_sp|Q9PU\smurf1	E3 ubiquitin-protei	40.40	0.00
TRINITY_sp|Q9GR\aiif	Apoptosis-inducing	40.40	0.00
TRINITY_sp|Q605\Wrap53	Telomerase Cajal bo	40.40	0.00
TRINITY_sp|P0CB4Ylpm1	YLP motif-containin	40.40	0.00
TRINITY_sp|Q9FI\FRABA2D	Ras-related protein	40.40	0.00
TRINITY_sp|O597\SPBC3B8	Uncharacterized tra	40.40	0.00
TRINITY_sp|Q8BH\Dtd2	Probable D-tyrosyl-	40.40	0.00
TRINITY_sp|Q86A\guaD	Guanine deaminase O	40.40	0.00
TRINITY_sp|Q9Y5\N6AMT1	HemK methyltransfer	40.40	0.00
TRINITY_sp|Q84M\ELUL3	Probable E3 ubiquit	40.40	0.00
TRINITY_sp|Q148\TAF13	Transcription initi	40.40	0.00
TRINITY_sp|Q9SV\At4g314\	Coatomer subunit be	40.40	0.00
TRINITY_sp|O494\AAH	Allantoate deiminas	40.40	0.00
TRINITY_sp|Q9FP\FEDR1	Serine/threonine-pr	40.40	0.00
TRINITY_sp|Q53F\TP53I3	Quinone oxidoreduct	40.40	0.00
TRINITY_sp|Q5XG\tsr1	Pre-rRNA-processing	40.40	0.00
TRINITY_sp|Q84J\At5g405\	Ribosomal RNA-proce	40.40	0.00
TRINITY_sp|Q9SR\CHIP	E3 ubiquitin-protei	40.40	0.00
TRINITY_sp|Q58D\GTPBP1	GTP-binding protein	40.40	0.00
TRINITY_sp|P169\YPTM1	GTP-binding protein	40.40	0.00
TRINITY_sp|Q9FN\UVR8	Ultraviolet-B recep	40.40	0.00
TRINITY_sp|Q395\ODA2	Dynein gamma chain,	40.40	0.00
TRINITY_sp|Q9SU\FAH2	Dihydroceramide fat	40.40	0.00
TRINITY_sp|Q9LX\IRLF	Cytochrome b5 domai	40.40	0.00
TRINITY_sp|P283\Gst1	Glutathione S-trans	40.40	0.00
TRINITY_sp|Q9LT\PPOX1	Pyridoxine/pyridoxa	40.40	0.00
TRINITY_sp|Q9FY\TMN11	Transmembrane 9 sup	40.40	0.00
TRINITY_sp|Q9M0\NSF	Vesicle-fusing ATPa	40.40	0.00
TRINITY_sp|Q54W\DDB_G02\	Probable serine/thr	40.40	0.00
TRINITY_sp|Q9WTV\Slc23a1	Solute carrier fami	40.30	0.00

TRINITY_sp|Q8C6C-	Protein C21orf2 hom	40.30	0.00
TRINITY_sp|Q6NPN(At5g5111	Probable RNA methyl	40.30	0.00
TRINITY_sp|Q8R5F(Utp11	Probable U3 small n	40.30	0.00
TRINITY_sp|Q7ZXI(mtmr4	Myotubularin-relate	40.30	0.00
TRINITY_sp|Q4JH(XBOS36	Probable E3 ubiquit	40.30	0.00
TRINITY_sp|Q5ZMI(SETD3	Histone-lysine N-me	40.30	0.00
TRINITY_sp|P176(FMO2	Dimethylaniline mon	40.30	0.00
TRINITY_sp|Q9DC(Cyb5r3	NADH-cytochrome b5	40.30	0.00
TRINITY_sp|A8NU1(CC-RAS	24 kDa Ras-like pro	40.30	0.00
TRINITY_sp|Q9D6(Ttc33	Tetratricopeptide r	40.30	0.00
TRINITY_sp|Q5M8(Nudcd2	NudC domain-contain	40.30	0.00
TRINITY_sp|Q9LKV(NHX7	Sodium/hydrogen exc	40.30	0.00
TRINITY_sp|Q6DH(mrp124	Probable 39S riboso	40.30	0.00
TRINITY_sp|Q76P(mcfQ	Mitochondrial subst	40.30	0.00
TRINITY_sp|B2GV1(Agb15	Cytosolic carboxype	40.30	0.00
TRINITY_sp|Q08DM(TSN	Translin OS=Bos tau	40.30	0.00
TRINITY_sp|Q7DM(ABCC4	ABC transporter C f	40.30	0.00
TRINITY_sp|Q0P5(DNTTIP2	Deoxynucleotidyltra	40.30	0.00
TRINITY_sp|Q923V(Tgs1	Trimethylguanosine	40.30	0.00
TRINITY_sp|Q54C(jcdE	JmjC domain-contain	40.30	0.00
TRINITY_sp|Q08BE(ctdsp12a	CTD small phosphata	40.30	0.00
TRINITY_sp|Q8VD(Alg9	Alpha-1,2-mannosylt	40.30	0.00
TRINITY_sp|O550(Copb2	Coatomer subunit be	40.30	0.00
TRINITY_sp|Q9H2V(MRPL46	39S ribosomal prote	40.30	0.00
TRINITY_sp|P929(UBA2	Ubiquitin-activatin	40.30	0.00
TRINITY_sp|P208(CYP3A5	Cytochrome P450 3A5	40.30	0.00
TRINITY_sp|Q1021(SPAC4H3	Putative thiosulfat	40.30	0.00
TRINITY_sp|P0DM(rcsC	Sensor histidine ki	40.30	0.00
TRINITY_sp|P323(MVD1	Diphosphomevalonate	40.30	0.00
TRINITY_sp|Q9SK(MON1	Vacuolar fusion pro	40.30	0.00
TRINITY_sp|Q8GX(HDA15	Histone deacetylase	40.30	0.00
TRINITY_sp|P529(lkhA	Leukotriene A-4 hyd	40.30	0.00
TRINITY_sp|P618(rpl-12	60S ribosomal prote	40.30	0.00
TRINITY_sp|Q10S(CIPK9	CBL-interacting pro	40.30	0.00
TRINITY_sp|Q86Y(CPNE8	Copine-8 OS=Homo sa	40.30	0.00
TRINITY_sp|O745(msh6	DNA mismatch repair	40.30	0.00
TRINITY_sp|Q8H1(At1g069(	U2 small nuclear ri	40.30	0.00
TRINITY_sp|Q220(R166.3	Uncharacterized pro	40.30	0.00
TRINITY_sp|P623(CPK1	Calcium-dependent p	40.30	0.00
TRINITY_sp|Q9CVI(Atxn3	Ataxin-3 OS=Mus mus	40.30	0.00
TRINITY_sp|Q3ED(At1g229(	Uncharacterized PKH	40.30	0.00
TRINITY_sp|Q54P(nagk	N-acetyl-D-glucosam	40.30	0.00
TRINITY_sp|Q9GPI(apm3	AP-3 complex subuni	40.30	0.00
TRINITY_sp|O225(STY8	Serine/threonine-pr	40.30	0.00
TRINITY_sp|Q6D7(lacZ	Beta-galactosidase	40.30	0.00
TRINITY_sp|Q9Y3(SBDS	Ribosome maturation	40.30	0.00
TRINITY_sp|Q921(Hemk1	HemK methyltransfer	40.30	0.00
TRINITY_sp|Q8IY(CPNE9	Copine-9 OS=Homo sa	40.30	0.00
TRINITY_sp|Q1024(SPAC4G9	Uncharacterized mit	40.30	0.00
TRINITY_sp|Q203(ppt-1	Palmitoyl-protein t	40.30	0.00
TRINITY_sp|F4JBI(ATG1B	Serine/threonine-pr	40.30	0.00
TRINITY_sp|O234(ARA1	L-arabinokinase OS=	40.30	0.00
TRINITY_sp|Q54R(elf2b5	Translation initiat	40.30	0.00
TRINITY_sp|Q3B7(MURI1	Unconventional pref	40.30	0.00
TRINITY_sp|Q54X(DDB_G02	Probable serine/thr	40.30	0.00
TRINITY_sp|Q5ZK(TRAPPC2	Trafficking protein	40.30	0.00

TRINITY_sp|O6469CYP710A1	Cytochrome P450 710	40.30	0.00
TRINITY_sp|Q3YRF	fold Bifunctional protei	40.30	0.00
TRINITY_sp|Q9FEETON2	Probable serine/thr	40.30	0.00
TRINITY_sp|P1163NHP6A	Non-histone chromos	40.30	0.00
TRINITY_sp|P5191CNN1	Calponin-1 OS=Homo	40.30	0.00
TRINITY_sp|Q4G03CCDC40	Coiled-coil domain-	40.30	0.00
TRINITY_sp|Q9M87NSN1	Guanine nucleotide-	40.30	0.00
TRINITY_sp|Q9404SRK2E	Serine/threonine-pr	40.30	0.00
TRINITY_sp|A7RK3vlg23885	Quinone oxidoreduct	40.30	0.00
TRINITY_sp|P1048-	Phosphatidylcholine	40.30	0.00
TRINITY_sp|Q9M81DSPTP1B	Dual specificity pr	40.30	0.00
TRINITY_sp|Q9LF4PUB1	Probable ubiquitin	40.30	0.00
TRINITY_sp|P1097-	Retrovirus-related	40.30	0.00
TRINITY_sp|Q8044dio1	Type I iodothyronin	40.30	0.00
TRINITY_sp|Q9SLFALIS3	ALA-interacting sub	40.30	0.00
TRINITY_sp|Q9RSFpnp	Polyribonucleotide	40.30	0.00
TRINITY_sp|P2115csgA	C-factor OS=Myxococ	40.30	0.00
TRINITY_sp|Q7SY4heatr1	HEAT repeat-contain	40.30	0.00
TRINITY_sp|P077(LYS2	L-2-aminoadipate re	40.30	0.00
TRINITY_sp|Q7588MRPL51	54S ribosomal prote	40.20	0.00
TRINITY_sp|Q5999cyp120	Putative cytochrome	40.20	0.00
TRINITY_sp|Q8IYMTRIM22	E3 ubiquitin-protei	40.20	0.00
TRINITY_sp|Q72M9LIC_1329	Macro domain-contai	40.20	0.00
TRINITY_sp|D9HP2CNR7	Cell number regulat	40.20	0.00
TRINITY_sp|P9761Txn2	Thioredoxin, mitoch	40.20	0.00
TRINITY_sp|Q8IVINUDCD3	NudC domain-contain	40.20	0.00
TRINITY_sp|Q5ZKIMOV10	Putative helicase M	40.20	0.00
TRINITY_sp|Q54RfdhkL	Hybrid signal trans	40.20	0.00
TRINITY_sp|P5028-	Isoaspartyl peptida	40.20	0.00
TRINITY_sp|O6549XCP1	Cysteine protease X	40.20	0.00
TRINITY_sp|Q06A3CHD7	Chromodomain-helica	40.20	0.00
TRINITY_sp|P2013GSTM2	Glutathione S-trans	40.20	0.00
TRINITY_sp|Q9RSFpnp	Polyribonucleotide	40.20	0.00
TRINITY_sp|F4HPNIRE4	Probable serine/thr	40.20	0.00
TRINITY_sp|P0715Cts1	Cathepsin L1 OS=Rat	40.20	0.00
TRINITY_sp|Q94AVERF003	Ethylene-responsive	40.20	0.00
TRINITY_sp|B7ID(THA_1434	UPF0145 protein THA	40.20	0.00
TRINITY_sp|Q7T2Imx1	Interferon-induced	40.20	0.00
TRINITY_sp|Q1111ubp14	Ubiquitin carboxyl-	40.20	0.00
TRINITY_sp|Q6NRIagap1	Arf-GAP with GTPase	40.20	0.00
TRINITY_sp|Q2QE1dio1	Type I iodothyronin	40.20	0.00
TRINITY_sp|P1689gpaA	Guanine nucleotide-	40.20	0.00
TRINITY_sp|Q55EFmanC	Alpha-mannosidase C	40.20	0.00
TRINITY_sp|P491(FMO5	Dimethylaniline mon	40.20	0.00
TRINITY_sp|Q9LZ9ABCI20	ABC transporter I f	40.20	0.00
TRINITY_sp|Q9FH(SCPL41	Serine carboxypepti	40.20	0.00
TRINITY_sp|E9PYWdr78	WD repeat-contains	40.20	0.00
TRINITY_sp|Q9SEF-	Pirin-like protein	40.20	0.00
TRINITY_sp|Q54P5cpnC	Copine-C OS=Dictyos	40.20	0.00
TRINITY_sp|Q0WVIMMS19	MMS19 nucleotide ex	40.20	0.00
TRINITY_sp|Q9VXFEG9132	NECAP-like protein	40.20	0.00
TRINITY_sp|Q9C7INTF2	Nuclear transport f	40.20	0.00
TRINITY_sp|Q6CEVMRD1	Multiple RNA-bindin	40.20	0.00
TRINITY_sp|P3303yeiR	Zinc-binding GTPase	40.20	0.00
TRINITY_sp|P4123Abca1	ATP-binding casset	40.20	0.00
TRINITY_sp|Q24V1htpG	Chaperone protein H	40.20	0.00

TRINITY_sp|Q1024SPAC4G9	Uncharacterized mit	40.20	0.00
TRINITY_sp|Q9SX7PI4KA1	Phosphatidylinosito	40.20	0.00
TRINITY_sp|Q9UB1POLK	DNA polymerase kapp	40.20	0.00
TRINITY_sp|Q2V9E-	Transcription facto	40.20	0.00
TRINITY_sp|Q9SEH-	Pirin-like protein	40.20	0.00
TRINITY_sp|Q2725w	Protein white OS=An	40.20	0.00
TRINITY_sp|P4552-	Actin (Fragment) OS	40.20	0.00
TRINITY_sp|Q9LNI SKIP16	F-box protein SKIP1	40.20	0.00
TRINITY_sp|C0LGNLRR-RLK	Probable leucine-ri	40.20	0.00
TRINITY_sp|Q8TB2SPATA20	Spermatogenesis-ass	40.20	0.00
TRINITY_sp|O4884RPN2A	26S proteasome non-	40.20	0.00
TRINITY_sp|Q9NQ2UTP3	Something about sil	40.20	0.00
TRINITY_sp|Q9SPMAPY2	Apyrase 2 OS=Arabid	40.20	0.00
TRINITY_sp|Q86C5atg1	Serine/threonine-pr	40.20	0.00
TRINITY_sp|P5534shc	Probable squalene--	40.20	0.00
TRINITY_sp|Q9HA6KIF9	Kinesin-like protei	40.20	0.00
TRINITY_sp|Q5JK5Os01g095	Probable NAD kinase	40.20	0.00
TRINITY_sp|P6048PTEN	Phosphatidylinosito	40.20	0.00
TRINITY_sp|Q8GW1At4g1825	Uncharacterized pro	40.20	0.00
TRINITY_sp|P2183cryS	Crystal protein OS=	40.20	0.00
TRINITY_sp|Q2RJVmtaD	5-methylthioadenosi	40.20	0.00
TRINITY_sp|O7418pop3	Target of rapamycin	40.20	0.00
TRINITY_sp|P4329RD21A	Cysteine proteinase	40.20	0.00
TRINITY_sp|Q55C1redB	NADPH--cytochrome P	40.20	0.00
TRINITY_sp|Q54M2mcfB	Mitochondrial subst	40.20	0.00
TRINITY_sp|Q4HX1CPR6	Peptidyl-prolyl cis	40.20	0.00
TRINITY_sp|Q8TD2CHD6	Chromodomain-helica	40.20	0.00
TRINITY_sp|Q96B1ALKBH8	Alkylated DNA repai	40.20	0.00
TRINITY_sp|P496(UAC1	Adenylate cyclase O	40.20	0.00
TRINITY_sp|P4773fdh	S-(hydroxymethyl)gl	40.20	0.00
TRINITY_sp|P2712odc1-a	Ornithine decarboxy	40.10	0.00
TRINITY_sp|Q68E1rab4b	Ras-related protein	40.10	0.00
TRINITY_sp|B71F1dnaJ	Chaperone protein D	40.10	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	40.10	0.00
TRINITY_sp|P0CC(DDB_G028	Enolase superfamily	40.10	0.00
TRINITY_sp|Q54S3rc11	Probable RNA 3'-ter	40.10	0.00
TRINITY_sp|Q54S8midA	Protein arginine me	40.10	0.00
TRINITY_sp|O1387not3	General negative re	40.10	0.00
TRINITY_sp|Q9LUI CHX19	Cation/H(+) antipor	40.10	0.00
TRINITY_sp|Q54J1chmp5	Charged multivesicu	40.10	0.00
TRINITY_sp|P9295KIN11	SNF1-related protei	40.10	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	40.10	0.00
TRINITY_sp|Q8L71SPHK1	Sphingosine kinase	40.10	0.00
TRINITY_sp|Q6GL6nifk	MKI67 FHA domain-in	40.10	0.00
TRINITY_sp|O7444ubp16	Probable ubiquitin	40.10	0.00
TRINITY_sp|Q8RX1MIRO1	Mitochondrial Rho G	40.10	0.00
TRINITY_sp|P5287Tmem165	Transmembrane prote	40.10	0.00
TRINITY_sp|Q9D9E-	Leucine-rich repeat	40.10	0.00
TRINITY_sp|Q9LZ7SDP1	Triacylglycerol lip	40.10	0.00
TRINITY_sp|Q5XM2aprA	Autocrine prolifera	40.10	0.00
TRINITY_sp|Q8RW1STY17	Serine/threonine-pr	40.10	0.00
TRINITY_sp|Q1361MTMR1	Myotubularin-relate	40.10	0.00
TRINITY_sp|Q9M84PEX12	Peroxisome biogenes	40.10	0.00
TRINITY_sp|D0NL(CPITG_128	tRNA (guanine(37)-N	40.10	0.00
TRINITY_sp|P3131-	cAMP-dependent prot	40.10	0.00
TRINITY_sp|P1295PEPD	Xaa-Pro dipeptidase	40.10	0.00

TRINITY_sp|P5195Nek1	Serine/threonine-pr	40.10	0.00
TRINITY_sp|Q61L7arf-1.2	ADP-ribosylation fa	40.10	0.00
TRINITY_sp|Q1265ENA5	Sodium transport AT	40.10	0.00
TRINITY_sp|Q7Y1VVSAP9	Zinc finger A20 and	40.10	0.00
TRINITY_sp|Q0279FKBP4	Peptidyl-prolyl cis	40.10	0.00
TRINITY_sp|Q0808CHSP70	Stromal 70 kDa heat	40.10	0.00
TRINITY_sp|Q4X07pim1	Lon protease homolo	40.00	0.00
TRINITY_sp|Q3V1FHeph11	Hephaestin-like pro	40.00	0.00
TRINITY_sp|A8WYFpar-1	Serine/threonine-pr	40.00	0.00
TRINITY_sp|Q4266CYP89A2	Cytochrome P450 89A	40.00	0.00
TRINITY_sp|O603(AQR	Intron-binding prot	40.00	0.00
TRINITY_sp|Q0189YPT1	Ras-like GTP-bindin	40.00	0.00
TRINITY_sp|Q8755AKR1	Palmitoyltransferas	40.00	0.00
TRINITY_sp|P4687KRP95	Kinesin-II 95 kDa s	40.00	0.00
TRINITY_sp|Q9Y7FSPBC2A9	Uncharacterized WD	40.00	0.00
TRINITY_sp|P9819Atp11a	Probable phospholip	40.00	0.00
TRINITY_sp|Q1RMFSNX3	Sorting nexin-3 OS=	40.00	0.00
TRINITY_sp|Q9D8VHm13	Minor histocompatib	40.00	0.00
TRINITY_sp|Q559FsarA	GTP-binding protein	40.00	0.00
TRINITY_sp|G3MWFMICAL3	Protein-methionine	40.00	0.00
TRINITY_sp|P4355cya	Adenylate cyclase O	40.00	0.00
TRINITY_sp|O6112krsA	Serine/threonine-pr	40.00	0.00
TRINITY_sp|P3237DAL1	Allantoinase OS=Sac	40.00	0.00
TRINITY_sp|P0CH6RING1	E3 ubiquitin-protei	40.00	0.00
TRINITY_sp|F4JTFISTY46	Serine/threonine-pr	40.00	0.00
TRINITY_sp|Q9SM2LKR/SDH	Alpha-aminoadipic s	40.00	0.00
TRINITY_sp|Q3URIKctd21	BTB/POZ domain-cont	40.00	0.00
TRINITY_sp|Q6073Slc30a1	Zinc transporter 1	40.00	0.00
TRINITY_sp|Q6ID5MKRN	E3 ubiquitin-protei	40.00	0.00
TRINITY_sp|P0105-	Subtilisin-chymotry	40.00	0.00
TRINITY_sp|Q8WT5ABHD5	1-acylglycerol-3-ph	40.00	0.00
TRINITY_sp|Q556Fcf50-1	Counting factor 50	40.00	0.00
TRINITY_sp|Q9M9FAtlg7828	F-box protein Atlg7	40.00	0.00
TRINITY_sp|Q54M6plbC	Phospholipase B-lik	40.00	0.00
TRINITY_sp|Q55A7dotA	Histone-lysine N-me	40.00	0.00
TRINITY_sp|P4331egl5	Endoglucanase-5 OS=	40.00	0.00
TRINITY_sp|O6708pheA	P-protein OS=Aquife	40.00	0.00
TRINITY_sp|Q90YJtimm8a	Mitochondrial impor	40.00	0.00
TRINITY_sp|A6W3(mtnN	5'-methylthioadenos	40.00	0.00
TRINITY_sp|Q6K43TRX1	Histone-lysine N-me	40.00	0.00
TRINITY_sp|P1464Pde4c	cAMP-specific 3',5'	40.00	0.00
TRINITY_sp|P1464Pde4c	cAMP-specific 3',5'	40.00	0.00
TRINITY_sp|Q9ZNVDES6	Acyl-lipid (9-3)-de	40.00	0.00
TRINITY_sp|Q51TFCWC2	Pre-mRNA-splicing f	40.00	0.00
TRINITY_sp|Q94IFCCD1	Carotenoid 9,10(9',	40.00	0.00
TRINITY_sp|Q9FI4SDHAF2	Succinate dehydroge	40.00	0.00
TRINITY_sp|P0CT2UMAG_12	Glucosidase 2 subun	40.00	0.00
TRINITY_sp|P2622celD	Endoglucanase E-4 O	40.00	0.00
TRINITY_sp|Q9P0IVAPA	Vesicle-associated	40.00	0.00
TRINITY_sp|Q9N97-	Ciliary WD repeat-c	40.00	0.00
TRINITY_sp|O7842ycf19	Uncharacterized pro	40.00	0.00
TRINITY_sp|Q17QFSDR39U1	Epimerase family pr	40.00	0.00
TRINITY_sp|Q7XJFAMC2	Metacaspase-2 OS=Ar	40.00	0.00
TRINITY_sp|P1477cyp102A1	Bifunctional cytoch	40.00	0.00
TRINITY_sp|Q1PDJDGK4	Diacylglycerol kina	40.00	0.00
TRINITY_sp|Q5568recG	ATP-dependent DNA h	40.00	0.00

TRINITY_sp|A7SD{cdc51	Cell division cycle	40.00	0.00
TRINITY_sp|Q9LQ\RDRL	RNA-dependent RNA p	40.00	0.00
TRINITY_sp|Q54I\shkB	Dual specificity pr	40.00	0.00
TRINITY_sp|Q61M\gpa-7	Guanine nucleotide-	40.00	0.00
TRINITY_sp|O496\{PAM68	Protein PAM68, chlo	40.00	0.00
TRINITY_sp|P629\{RAC1	Ras-related C3 botu	40.00	0.00
TRINITY_sp|Q54Q\{abcH4	ABC transporter H f	40.00	0.00
TRINITY_sp|Q9MU\{ycf66	Uncharacterized pro	40.00	0.00
TRINITY_sp|Q9LJ\{At3g224{	Probable prefoldin	40.00	0.00
TRINITY_sp|P797\{TSN	Translin OS=Gallus	40.00	0.00
TRINITY_sp|Q6NT\{nae1	NEDD8-activating en	40.00	0.00
TRINITY_sp|Q9C5\{AHK3	Histidine kinase 3	40.00	0.00
TRINITY_sp|A6UY\{vbioC	Malonyl-[acyl-carri	40.00	0.00
TRINITY_sp|P268\{ATPA	ATP synthase subuni	40.00	0.00
TRINITY_sp|P386\{-	Probable protein di	40.00	0.00
TRINITY_sp|Q5Z8\{PARP2-A	Poly [ADP-ribose] p	40.00	0.00
TRINITY_sp|Q9SX\{FYPP1	Phytochrome-associa	40.00	0.00
TRINITY_sp|P487\{EIF5	Eukaryotic translat	40.00	0.00
TRINITY_sp|O944\{tef3	Elongation factor 3	40.00	0.00
TRINITY_sp|Q962\{ATPC	ATP synthase subuni	40.00	0.00
TRINITY_sp|Q5R9\{ZFAND2A	AN1-type zinc finge	40.00	0.00
TRINITY_sp|O942\{hmt2	Sulfide:quinone oxi	40.00	0.00
TRINITY_sp|Q9P2\{SIPA1L2	Signal-induced prol	40.00	0.00
TRINITY_sp|O655\{At4g309{	BTB/POZ domain-cont	40.00	0.00
TRINITY_sp|O252\{typA	GTP-binding protein	40.00	0.00
TRINITY_sp|O943\{SPBC29A1	Uncharacterized ATP	40.00	0.00
TRINITY_sp|Q84T\{SR45A	Serine/arginine-ric	40.00	0.00
TRINITY_sp|Q618\{Mns1	Meiosis-specific nu	40.00	0.00
TRINITY_sp|Q9SR\{PEX19-1	Peroxisome biogenes	40.00	0.00
TRINITY_sp|P109\{-	Retrovirus-related	40.00	0.00
TRINITY_sp|P530\{Rfc4	Replication factor	40.00	0.00
TRINITY_sp|Q75V\{SAPK9	Serine/threonine-pr	40.00	0.00
TRINITY_sp|P395\{DRS2	Probable phospholip	40.00	0.00
TRINITY_sp|Q9UT\{SPAC144	MIP18 family protei	40.00	0.00
TRINITY_sp|Q241\{shark	Tyrosine-protein ki	40.00	0.00
TRINITY_sp|Q78J\{Ubf1	Ubiquitin domain-co	40.00	0.00
TRINITY_sp|A5PK\{METTL13	Methyltransferase-1	40.00	0.00
TRINITY_sp|O755\{ECI2	Enoyl-CoA delta iso	40.00	0.00
TRINITY_sp|Q9HB\{RDH14	Retinol dehydrogena	40.00	0.00
TRINITY_sp|Q6CP\{TRM13	tRNA:m(4)X modifica	40.00	0.00
TRINITY_sp|Q86C\{tor	Target of rapamycin	40.00	0.00
TRINITY_sp|D0NL\{PITG_12{	tRNA (guanine(37)-N	39.90	0.00
TRINITY_sp|Q8LE\{ECH	Golgi apparatus mem	39.90	0.00
TRINITY_sp|P281\{RABA5C	Ras-related protein	39.90	0.00
TRINITY_sp|P092\{-	25 kDa calcium-bind	39.90	0.00
TRINITY_sp|Q8CF\{Abca5	ATP-binding cassett	39.90	0.00
TRINITY_sp|Q9NT\{ATP8A2	Phospholipid-transp	39.90	0.00
TRINITY_sp|Q93V\{ATG18A	Autophagy-related p	39.90	0.00
TRINITY_sp|Q6IQ\{alkbh6	Alpha-ketoglutarate	39.90	0.00
TRINITY_sp|O137\{nop12	Nucleolar protein 1	39.90	0.00
TRINITY_sp|Q145\{ITPR2	Inositol 1,4,5-tris	39.90	0.00
TRINITY_sp|Q927\{SYN2	Synapsin-2 OS=Homo	39.90	0.00
TRINITY_sp|Q2KH\{USP2	Ubiquitin carboxyl-	39.90	0.00
TRINITY_sp|P215\{ALP1	Alpha-amylase OS=Sa	39.90	0.00
TRINITY_sp|O155\{RNF113A	RING finger protein	39.90	0.00
TRINITY_sp|Q135\{TDG	G/T mismatch-specif	39.90	0.00

TRINITY_sp|Q54Dcbxdc1	Ribosome production	39.90	0.00
TRINITY_sp|P604PTEN	Phosphatidylinosito	39.90	0.00
TRINITY_sp|Q9QWRad1	Cell cycle checkpoi	39.90	0.00
TRINITY_sp|Q6J4SLC8B1	Sodium/potassium/ca	39.90	0.00
TRINITY_sp|A9RY(PHYPADR	ATP-dependent (S)-N	39.90	0.00
TRINITY_sp|Q6DEslc25a3	Solute carrier fami	39.90	0.00
TRINITY_sp|Q5F4PAN2	PAB-dependent poly(	39.90	0.00
TRINITY_sp|Q54Mmog1	Probable ran guanin	39.90	0.00
TRINITY_sp|P174Ap2a2	AP-2 complex subuni	39.90	0.00
TRINITY_sp|Q54N7tmk1	Seven transmembrane	39.90	0.00
TRINITY_sp|Q7RYnmp-1	Nuclear distributio	39.90	0.00
TRINITY_sp|Q7KZSUPT6H	Transcription elong	39.90	0.00
TRINITY_sp|Q9SWRH16	DEAD-box ATP-depend	39.90	0.00
TRINITY_sp|O157spnA	Protein spalten OS=	39.90	0.00
TRINITY_sp|A5H0DUR1,2	Urea amidolyase OS=	39.90	0.00
TRINITY_sp|P623CPK1	Calcium-dependent p	39.90	0.00
TRINITY_sp|Q4V9slc25a2	S-adenosylmethionin	39.90	0.00
TRINITY_sp|Q6NVsdad1	Protein SDA1 homolo	39.90	0.00
TRINITY_sp|Q54Qphr2aB	Serine/threonine-pr	39.90	0.00
TRINITY_sp|Q8VZRBL6	RHOMBOID-like prote	39.90	0.00
TRINITY_sp|Q8L5CSN4	COP9 signalosome co	39.90	0.00
TRINITY_sp|Q5ZJNOC4L	Nucleolar complex p	39.90	0.00
TRINITY_sp|Q84WIP5P15	Type II inositol po	39.90	0.00
TRINITY_sp|Q9SRUSUVR3	Histone-lysine N-me	39.90	0.00
TRINITY_sp|Q5JKTPK1	Thiamine pyrophosph	39.90	0.00
TRINITY_sp|Q9M8DSPTP1B	Dual specificity pr	39.90	0.00
TRINITY_sp|Q8WTABHD5	1-acylglycerol-3-ph	39.90	0.00
TRINITY_sp|Q07G1alkbh8	Alkylated DNA repai	39.90	0.00
TRINITY_sp|P081ABCB1	Multidrug resistanc	39.90	0.00
TRINITY_sp|Q93Y1Atlg279	Probable pre-mRNA-s	39.90	0.00
TRINITY_sp|Q54DIDDB_G02	Protein unc-50 homo	39.90	0.00
TRINITY_sp|A8J6CFAP221	Cilia- and flagella	39.90	0.00
TRINITY_sp|Q9BYCYTHDF1	YTH domain-containi	39.90	0.00
TRINITY_sp|Q432GDH1	Glutamate dehydroge	39.90	0.00
TRINITY_sp|Q9ZRICAD	Probable mannitol d	39.90	0.00
TRINITY_sp|Q67YTRUS4	Protein root UVB se	39.90	0.00
TRINITY_sp|Q9BX1GTPBP2	GTP-binding protein	39.90	0.00
TRINITY_sp|O954SEC24B	Protein transport p	39.90	0.00
TRINITY_sp|O276apgm1	2,3-bisphosphoglyce	39.90	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	39.90	0.00
TRINITY_sp|Q5A8SLN1	Histidine protein k	39.80	0.00
TRINITY_sp|Q9VGCG6345	CDK5RAP1-like prote	39.80	0.00
TRINITY_sp|Q54Ntrab1D	Ras-related protein	39.80	0.00
TRINITY_sp|Q54Cmcm5	DNA replication lic	39.80	0.00
TRINITY_sp|P418cut9	Anaphase-promoting	39.80	0.00
TRINITY_sp|Q8TC1RDH11	Retinol dehydrogena	39.80	0.00
TRINITY_sp|Q9V7CG8152	G patch domain and	39.80	0.00
TRINITY_sp|Q56WISCPL48	Serine carboxypepti	39.80	0.00
TRINITY_sp|P707(Atp8a1	Phospholipid-transp	39.80	0.00
TRINITY_sp|Q5EBIelp2	Elongator complex p	39.80	0.00
TRINITY_sp|Q54YfdhkB	Hybrid signal trans	39.80	0.00
TRINITY_sp|Q9JHCpigp	Phosphatidylinosito	39.80	0.00
TRINITY_sp|Q9LJFFUT11	Glycoprotein 3-alph	39.80	0.00
TRINITY_sp|Q55GvpakC	Serine/threonine-pr	39.80	0.00
TRINITY_sp|Q9W0NaCP60E	Sodium channel prot	39.80	0.00
TRINITY_sp|A4QNctdsp12k	CTD small phosphata	39.80	0.00

TRINITY_sp|Q8VWZSMO2-2	Methylsterol monoox	39.80	0.00
TRINITY_sp|Q54GFctdspl2	CTD small phosphata	39.80	0.00
TRINITY_sp|P341(pkgc	Protein kinase 3 OS	39.80	0.00
TRINITY_sp|Q54EHDDB_G02	GTPase-activating p	39.80	0.00
TRINITY_sp|Q056(CTR1	Serine/threonine-pr	39.80	0.00
TRINITY_sp|O496(SAP9	Zinc finger A20 and	39.80	0.00
TRINITY_sp|Q9N4\scpl-3	CTD small phosphata	39.80	0.00
TRINITY_sp|Q55A\DDB_G02	Probable serine/thr	39.80	0.00
TRINITY_sp|Q8LP\LACS6	Long chain acyl-CoA	39.80	0.00
TRINITY_sp|Q8WN\ITPR2	Inositol 1,4,5-tris	39.80	0.00
TRINITY_sp|Q9SJ\NUDT5	Nudix hydrolase 5 O	39.80	0.00
TRINITY_sp|Q9LV\TOE2	AP2-like ethylene-r	39.80	0.00
TRINITY_sp|Q54E\abpF	Actin-binding prote	39.80	0.00
TRINITY_sp|Q0V8\TPP1	Tripeptidyl-peptida	39.80	0.00
TRINITY_sp|Q9JL\Pnkp	Bifunctional polynu	39.80	0.00
TRINITY_sp|Q049\HAT3.1	Homeobox protein HA	39.80	0.00
TRINITY_sp|Q86I\gtf2h3	General transcripti	39.80	0.00
TRINITY_sp|Q8CX\LA_3128	UPF0176 protein LA_	39.80	0.00
TRINITY_sp|Q7T6\MIMI_R8	Putative serine/thr	39.80	0.00
TRINITY_sp|Q29S\OSCP1	Protein OSCP1 OS=Bo	39.80	0.00
TRINITY_sp|B8AE\MCM5	DNA replication lic	39.80	0.00
TRINITY_sp|P341\racB	Rho-related protein	39.80	0.00
TRINITY_sp|Q2NK\DPY30	Protein dpy-30 homo	39.80	0.00
TRINITY_sp|P011\RAS1	Ras-like protein 1	39.80	0.00
TRINITY_sp|Q5ZI\TBCD	Tubulin-specific ch	39.80	0.00
TRINITY_sp|Q9FN\E2FA	Transcription facto	39.80	0.00
TRINITY_sp|Q86L\gachH	Rho GTPase-activati	39.80	0.00
TRINITY_sp|O810\EMB1187	Probable ethanolami	39.80	0.00
TRINITY_sp|P239\NDUFA5	NADH dehydrogenase	39.80	0.00
TRINITY_sp|P239\metG	Methionine--tRNA li	39.80	0.00
TRINITY_sp|Q6DG\mpv1712	Mpv17-like protein	39.80	0.00
TRINITY_sp|O945\iqw1	WD repeat protein i	39.80	0.00
TRINITY_sp|P932\TFT7	14-3-3 protein 7 OS	39.80	0.00
TRINITY_sp|Q9BX\NAA15	N-alpha-acetyltrans	39.80	0.00
TRINITY_sp|Q631\Dnah7	Dynein heavy chain	39.80	0.00
TRINITY_sp|Q86A\gud	Guanine deaminase O	39.80	0.00
TRINITY_sp|P028\psmd8-1	Probable 26S protea	39.80	0.00
TRINITY_sp|Q54J\abcC3	ABC transporter C f	39.80	0.00
TRINITY_sp|D4B1\FARB_023	Probable glutamate	39.80	0.00
TRINITY_sp|O772\CG4061	RNA 3'-terminal pho	39.80	0.00
TRINITY_sp|Q9W6\req-a	Zinc finger protein	39.80	0.00
TRINITY_sp|Q681\Atlg609	Putative transferas	39.80	0.00
TRINITY_sp|Q9UN\VPS4A	Vacuolar protein so	39.80	0.00
TRINITY_sp|Q5RG\ccdc53	WASH complex subuni	39.80	0.00
TRINITY_sp|Q912\Rep	Replication-associa	39.80	0.00
TRINITY_sp|Q0P4\Fdis31	DIS3-like exonuclea	39.80	0.00
TRINITY_sp|Q9M2\IACA11	Putative calcium-tr	39.80	0.00
TRINITY_sp|P109\-	Retrovirus-related	39.80	0.00
TRINITY_sp|Q9FV\PLGG1	Plastidal glycolate	39.80	0.00
TRINITY_sp|O956\YEATS4	YEATS domain-contai	39.80	0.00
TRINITY_sp|Q929\UPF1	Regulator of nonsen	39.80	0.00
TRINITY_sp|Q28G\melk	Maternal embryonic	39.80	0.00
TRINITY_sp|Q944\ISLP2	Shewanella-like pro	39.80	0.00
TRINITY_sp|Q2AB\pRB	Retinoblastoma-rela	39.80	0.00
TRINITY_sp|Q54H\gghB	Gamma-glutamyl hydr	39.80	0.00
TRINITY_sp|Q5F4\RAB8A	Ras-related protein	39.80	0.00

TRINITY_sp|Q9FG3PNG1	Peptide-N(4)-(N-ace	39.80	0.00
TRINITY_sp|Q75J3CR4	Serine/threonine-pr	39.80	0.00
TRINITY_sp|Q54JFabcC3	ABC transporter C f	39.80	0.00
TRINITY_sp|P7905rhp16	ATP-dependent helic	39.80	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	39.80	0.00
TRINITY_sp|P1097-	Retrovirus-related	39.80	0.00
TRINITY_sp|Q8CE3Cdk11	Cyclin-dependent ki	39.70	0.00
TRINITY_sp|Q0IUUCML2	Putative calmodulin	39.70	0.00
TRINITY_sp|Q7ZU1ykt6	Synaptobrevin homol	39.70	0.00
TRINITY_sp|Q54W1DDB_G027	U6 snRNA phosphodie	39.70	0.00
TRINITY_sp|Q9SL2Os05g015	Importin subunit al	39.70	0.00
TRINITY_sp|P5352ML1149	Cob(I)yrinic acid a	39.70	0.00
TRINITY_sp|Q5M91Rbm34	RNA-binding protein	39.70	0.00
TRINITY_sp|Q6P03Znf511	Zinc finger protein	39.70	0.00
TRINITY_sp|Q05A1elp2	Elongator complex p	39.70	0.00
TRINITY_sp|Q6DC1hikeshi	Protein Hikeshi OS=	39.70	0.00
TRINITY_sp|Q8642RGS5	Regulator of G-prot	39.70	0.00
TRINITY_sp|Q9ZV1SGPP	Haloacid dehalogena	39.70	0.00
TRINITY_sp|Q9D11Mthfs	5-formyltetrahydrof	39.70	0.00
TRINITY_sp|Q9NX1TRMT1	tRNA (guanine(26)-N	39.70	0.00
TRINITY_sp|Q8S12Os01g081	Probable U3 small n	39.70	0.00
TRINITY_sp|Q2KJ1INTS9	Integrator complex	39.70	0.00
TRINITY_sp|P3494NDUFA9	NADH dehydrogenase	39.70	0.00
TRINITY_sp|P2668B52	Serine-arginine pro	39.70	0.00
TRINITY_sp|Q5R82OLA1	Obg-like ATPase 1 O	39.70	0.00
TRINITY_sp|P244(RAB10	Ras-related protein	39.70	0.00
TRINITY_sp|Q8BY1Rdh12	Retinol dehydrogena	39.70	0.00
TRINITY_sp|Q8R34Ccdc12	Coiled-coil domain-	39.70	0.00
TRINITY_sp|O2255STY8	Serine/threonine-pr	39.70	0.00
TRINITY_sp|Q84L(GONST4	GDP-mannose transpo	39.70	0.00
TRINITY_sp|O6528CPN20	20 kDa chaperonin,	39.70	0.00
TRINITY_sp|Q9DB5Osbp13	Oxysterol-binding p	39.70	0.00
TRINITY_sp|P9074catp-8	Probable manganese-	39.70	0.00
TRINITY_sp|O0084cudA	Putative transcript	39.70	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	39.70	0.00
TRINITY_sp|P1605gpaB	Guanine nucleotide-	39.70	0.00
TRINITY_sp|Q9SU\At4g3235	Probable sugar phos	39.70	0.00
TRINITY_sp|Q6411Nuak1	NUAK family SNF1-li	39.70	0.00
TRINITY_sp|Q92J7era	GTPase Era OS=Ricke	39.70	0.00
TRINITY_sp|Q54S1dhkD	Hybrid signal trans	39.70	0.00
TRINITY_sp|Q5XM2aprA	Autocrine prolifera	39.70	0.00
TRINITY_sp|P1097-	Retrovirus-related	39.70	0.00
TRINITY_sp|Q7XA8FOLT1	Folate transporter	39.70	0.00
TRINITY_sp|P3278GTF2H1	General transcripti	39.70	0.00
TRINITY_sp|Q4W94encD	2-oxoglutarate-Fe(I	39.70	0.00
TRINITY_sp|Q86I5DDB_G027	Uncharacterized Gol	39.70	0.00
TRINITY_sp|P343(C50C3.5	Uncharacterized cal	39.70	0.00
TRINITY_sp|Q7XR\RM11	RecQ-mediated genom	39.70	0.00
TRINITY_sp|Q9LJ1CRK2	CDPK-related kinase	39.70	0.00
TRINITY_sp|Q8C85Myef2	Myelin expression f	39.70	0.00
TRINITY_sp|Q9QX1Nme7	Nucleoside diphosph	39.70	0.00
TRINITY_sp|P5315GUP1	Glycerol uptake pro	39.70	0.00
TRINITY_sp|O945(SPBC12D1	Uncharacterized mit	39.70	0.00
TRINITY_sp|Q54F1mybO	Myb-like protein O	39.70	0.00
TRINITY_sp|O005(MPHOSPH1	U3 small nucleolar	39.70	0.00
TRINITY_sp|A8WY1par-1	Serine/threonine-pr	39.70	0.00

TRINITY_sp|Q54JFabC3	ABC transporter C f	39.70	0.00
TRINITY_sp|Q556YDDB_G027	Probable rhodanese	39.70	0.00
TRINITY_sp|Q3963-	Glycerol-3-phosphat	39.70	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	39.70	0.00
TRINITY_sp|Q3SX4LUC7L3	Luc7-like protein 3	39.70	0.00
TRINITY_sp|P259MXAN_59	(Uncharacterized oxi	39.70	0.00
TRINITY_sp|Q69Q(DPE2	4-alpha-glucanotran	39.70	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	39.70	0.00
TRINITY_sp|Q56YMSMC3	Structural maintena	39.70	0.00
TRINITY_sp|Q9LZ7SDP1	Triacylglycerol lip	39.70	0.00
TRINITY_sp|Q9FV(AGD12	ADP-ribosylation fa	39.70	0.00
TRINITY_sp|P3294CLB6	S-phase entry cycli	39.70	0.00
TRINITY_sp|Q96U(DGAT2A	Diacylglycerol O-ac	39.70	0.00
TRINITY_sp|Q2462ref(2)P	Protein ref(2)P OS=	39.70	0.00
TRINITY_sp|Q9C5(RFC1	Replication factor	39.70	0.00
TRINITY_sp|O942(SPBC887.	Probable phospholip	39.70	0.00
TRINITY_sp|Q5JWFDOPEY1	Protein dopey-1 OS=	39.70	0.00
TRINITY_sp|A2XQFOsI_148	(Senescence-specific	39.70	0.00
TRINITY_sp|Q0IQ(RAPTOR1	Regulatory-associat	39.70	0.00
TRINITY_sp|F4I9(At1g580	(DEXH-box ATP-depend	39.70	0.00
TRINITY_sp|Q54YHdhkB	Hybrid signal trans	39.70	0.00
TRINITY_sp|Q9SLJNEK1	Serine/threonine-pr	39.70	0.00
TRINITY_sp|Q045(YDR109C	Uncharacterized sug	39.70	0.00
TRINITY_sp|Q6PB(grtp1a	Growth hormone-regu	39.60	0.00
TRINITY_sp|O550(Ralgapa1	Ral GTPase-activati	39.60	0.00
TRINITY_sp|P3031cdc25-3	M-phase inducer pho	39.60	0.00
TRINITY_sp|Q9SEH-	Pirin-like protein	39.60	0.00
TRINITY_sp|Q9VCFCG17119	Cystinosin homolog	39.60	0.00
TRINITY_sp|Q6322Gmfb	Glia maturation fac	39.60	0.00
TRINITY_sp|Q2HVMtrDRAF7	Putative N6-adenosi	39.60	0.00
TRINITY_sp|Q9Y25CHKB	Choline/ethanolamin	39.60	0.00
TRINITY_sp|O654(XCP1	Cysteine protease X	39.60	0.00
TRINITY_sp|Q9Y3(ACOT9	Acyl-coenzyme A thi	39.60	0.00
TRINITY_sp|Q6DC(mett116	Methyltransferase-1	39.60	0.00
TRINITY_sp|O803(MKK3	Mitogen-activated p	39.60	0.00
TRINITY_sp|Q6UK(pirA	Protein pirA OS=Dic	39.60	0.00
TRINITY_sp|Q6NV(brd9	Bromodomain-contain	39.60	0.00
TRINITY_sp|O9411nudG	Dynein light chain,	39.60	0.00
TRINITY_sp|P3414rabC	Ras-related protein	39.60	0.00
TRINITY_sp|P3003PBLD	Phenazine biosynthe	39.60	0.00
TRINITY_sp|Q0WK(ULP2A	Probable ubiquitin-	39.60	0.00
TRINITY_sp|P3518PTC1	Protein phosphatase	39.60	0.00
TRINITY_sp|Q8JZV(Cpne5	Copine-5 OS=Mus mus	39.60	0.00
TRINITY_sp|P0565(sacC	Levanase OS=Bacillu	39.60	0.00
TRINITY_sp|Q96AI(ZUFSP	Zinc finger with UF	39.60	0.00
TRINITY_sp|Q9SL(Os05g015	Importin subunit al	39.60	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	39.60	0.00
TRINITY_sp|Q5RBE(SEN1	Sentrin-specific pr	39.60	0.00
TRINITY_sp|Q2355unc-22	Twitchin OS=Caenorh	39.60	0.00
TRINITY_sp|P2143(ABC4	Phosphatidylcholine	39.60	0.00
TRINITY_sp|Q55F(plbG	Phospholipase B-lik	39.60	0.00
TRINITY_sp|Q7ZV(otud6b	OTU domain-containi	39.60	0.00
TRINITY_sp|Q6302Add1	Alpha-adducin OS=Ra	39.60	0.00
TRINITY_sp|Q54R(pyk	Pyruvate kinase OS=	39.60	0.00
TRINITY_sp|B3DN(APC6	Anaphase-promoting	39.60	0.00
TRINITY_sp|Q9Z1(Nek4	Serine/threonine-pr	39.60	0.00

TRINITY_sp|Q8RYFA	At2g3325	Haloacid dehalogena	39.60	0.00
TRINITY_sp|Q9FYFR	S2Z32	Serine/arginine-ric	39.60	0.00
TRINITY_sp|Q9BXVF	ANCD2	Fanconi anemia grou	39.60	0.00
TRINITY_sp|Q9P7C	oma1	Mitochondrial metal	39.60	0.00
TRINITY_sp|Q9S8C	CLPP5	ATP-dependent Clp p	39.60	0.00
TRINITY_sp|Q059C	myb11	Myb-related protein	39.60	0.00
TRINITY_sp|A8XAI	rheb-1	GTP-binding protein	39.60	0.00
TRINITY_sp|Q54B	abcB2	ABC transporter B f	39.60	0.00
TRINITY_sp|Q9BIIB	B0464.9	Probable protein ph	39.60	0.00
TRINITY_sp|Q5XI1	Grwd1	Glutamate-rich WD r	39.60	0.00
TRINITY_sp|Q9SJ4	VPS11	Vacuolar protein-so	39.60	0.00
TRINITY_sp|Q9LKC	CHY1	3-hydroxyisobutyryl	39.60	0.00
TRINITY_sp|P582E	Rnf216	E3 ubiquitin-protei	39.60	0.00
TRINITY_sp|Q5W6C	MAN5	Putative mannan end	39.60	0.00
TRINITY_sp|Q3891	ANT	AP2-like ethylene-r	39.60	0.00
TRINITY_sp|O751C	KDM4A	Lysine-specific dem	39.60	0.00
TRINITY_sp|Q5C91	-	(S)-coclaurine N-me	39.60	0.00
TRINITY_sp|O4904	VPS45	Vacuolar protein so	39.60	0.00
TRINITY_sp|P056E	sacC	Levanase OS=Bacillu	39.60	0.00
TRINITY_sp|P322E	rasB	Ras-like protein ra	39.60	0.00
TRINITY_sp|Q6P7Z	Gaa	Lysosomal alpha-glu	39.60	0.00
TRINITY_sp|E9Q4E	Pde8b	High affinity cAMP-	39.60	0.00
TRINITY_sp|Q9BZ	OSBPL6	Oxysterol-binding p	39.60	0.00
TRINITY_sp|Q54N	chus1	Checkpoint protein	39.60	0.00
TRINITY_sp|Q944E	dymA	Dynamin-A OS=Dictyo	39.60	0.00
TRINITY_sp|O006Z	PIR	Pirin OS=Homo sapie	39.60	0.00
TRINITY_sp|O064Y	yfmR	Uncharacterized ABC	39.60	0.00
TRINITY_sp|P085E	pstI	Aqualysin-1 OS=Ther	39.60	0.00
TRINITY_sp|Q54J	abcC3	ABC transporter C f	39.60	0.00
TRINITY_sp|Q9SZ1	P4H11	Probable prolyl 4-h	39.60	0.00
TRINITY_sp|Q9M3E	At3g5411	Ataxin-3 homolog OS	39.50	0.00
TRINITY_sp|A4FV	PPIE	Peptidyl-prolyl cis	39.50	0.00
TRINITY_sp|Q8R1H	Hid1	Protein HID1 OS=Mus	39.50	0.00
TRINITY_sp|Q8BT	Cpne3	Copine-3 OS=Mus mus	39.50	0.00
TRINITY_sp|U4PR	pig-1	Maternal embryonic	39.50	0.00
TRINITY_sp|Q641	facbd5	Acyl-CoA-binding do	39.50	0.00
TRINITY_sp|Q91YI	Rnf126	E3 ubiquitin-protei	39.50	0.00
TRINITY_sp|Q605C	IGHMBP2	DNA-binding protein	39.50	0.00
TRINITY_sp|Q54R	cnrB	CLPTM1-like membran	39.50	0.00
TRINITY_sp|Q099E	K10B2.2	Uncharacterized ser	39.50	0.00
TRINITY_sp|A9UM	lyrm1	LYR motif-containin	39.50	0.00
TRINITY_sp|P253Z	mlkA	Myosin light chain	39.50	0.00
TRINITY_sp|Q246Z	ref(2)P	Protein ref(2)P OS=	39.50	0.00
TRINITY_sp|B9DS	Ipth	Peptidyl-tRNA hydro	39.50	0.00
TRINITY_sp|Q54L	Uuox	Uricase OS=Dictyost	39.50	0.00
TRINITY_sp|Q5UP	MIMI_R61	Putative band 7 fam	39.50	0.00
TRINITY_sp|Q5BL	atp8b1	Phospholipid-transp	39.50	0.00
TRINITY_sp|O956Z	CNOT4	CCR4-NOT transcript	39.50	0.00
TRINITY_sp|Q9AV	PRP19	Pre-mRNA-processing	39.50	0.00
TRINITY_sp|Q8HY	ELAC2	Zinc phosphodiester	39.50	0.00
TRINITY_sp|Q4U5	FRNF114	E3 ubiquitin-protei	39.50	0.00
TRINITY_sp|A7TM	EEFG1	rRNA-processing pro	39.50	0.00
TRINITY_sp|Q54B	empB	Transmembrane emp24	39.50	0.00
TRINITY_sp|Q8WX	DNAH7	Dynein heavy chain	39.50	0.00
TRINITY_sp|Q999E	DUSP9	Dual specificity pr	39.50	0.00
TRINITY_sp|Q4IE	PPM2	tRNA wybutosine-syn	39.50	0.00

TRINITY_sp|P4996SRP19	Signal recognition	39.50	0.00
TRINITY_sp|P5243Polr1c	DNA-directed RNA po	39.50	0.00
TRINITY_sp|Q9SZ6VIP3	WD repeat-containin	39.50	0.00
TRINITY_sp|A8HMNRSP14	Radial spoke protei	39.50	0.00
TRINITY_sp|Q1513CDK10	Cyclin-dependent ki	39.50	0.00
TRINITY_sp|Q8H1FABCI10	ABC transporter I f	39.50	0.00
TRINITY_sp|Q9H89TTC12	Tetratricopeptide r	39.50	0.00
TRINITY_sp|P2201TUB1	Tubulin beta-1 chai	39.50	0.00
TRINITY_sp|O1896SYNJ1	Synaptojanin-1 (Fra	39.50	0.00
TRINITY_sp|Q54DIgcvT	Aminomethyltransfer	39.50	0.00
TRINITY_sp|Q0137fox-2	Peroxisomal hydrata	39.50	0.00
TRINITY_sp|Q5BJ5Cpne9	Copine-9 OS=Rattus	39.50	0.00
TRINITY_sp|O5355ilvX	Putative acetolacta	39.50	0.00
TRINITY_sp|Q6ZMKIF6	Kinesin-like protei	39.50	0.00
TRINITY_sp|A9VVSspeE	Polyamine aminoprop	39.50	0.00
TRINITY_sp|Q6NMF8H	Probable glucuronox	39.50	0.00
TRINITY_sp|Q7PLJNipped-B	Nipped-B protein OS	39.50	0.00
TRINITY_sp|Q9WY7TM_0508	Uncharacterized pro	39.50	0.00
TRINITY_sp|Q6P36rnf121	RING finger protein	39.50	0.00
TRINITY_sp|Q5953ptrB	Protease 2 OS=Morax	39.50	0.00
TRINITY_sp|Q9UN3VPS4A	Vacuolar protein so	39.50	0.00
TRINITY_sp|Q54BMsfl	Branchpoint-bridgin	39.50	0.00
TRINITY_sp|Q9ER7SMC4	Structural maintena	39.50	0.00
TRINITY_sp|Q9FR3AMI1	Amidase 1 OS=Arabid	39.50	0.00
TRINITY_sp|Q3URIKctd21	BTB/POZ domain-cont	39.50	0.00
TRINITY_sp|P2086PHYPADRA	Chlorophyll a-b bin	39.50	0.00
TRINITY_sp|Q9H86VCPKMT	Protein-lysine meth	39.50	0.00
TRINITY_sp|O4300syj1	Inositol-1,4,5-tris	39.50	0.00
TRINITY_sp|F4J79SFH9	Phosphatidylinosito	39.50	0.00
TRINITY_sp|Q6AWUHOL3	Probable thiol meth	39.50	0.00
TRINITY_sp|Q9LSIUBC32	Ubiquitin-conjugati	39.50	0.00
TRINITY_sp|Q54XCDDB_G027	Uncharacterized G-p	39.50	0.00
TRINITY_sp|Q9FG6ATO	Splicing factor SF3	39.50	0.00
TRINITY_sp|O8266SDH1-1	Succinate dehydroge	39.50	0.00
TRINITY_sp|P3056CAT2	Catalase isozyme 2	39.50	0.00
TRINITY_sp|Q55D7abcG22	ABC transporter G f	39.50	0.00
TRINITY_sp|Q54XCcrop	Luc7-like protein O	39.50	0.00
TRINITY_sp|Q54JFabcC3	ABC transporter C f	39.50	0.00
TRINITY_sp|Q8MVFgbcC	Cyclic GMP-binding	39.50	0.00
TRINITY_sp|Q9N5Iparg-2	Poly(ADP-ribose) gl	39.40	0.00
TRINITY_sp|Q8BMFEif4e2	Eukaryotic translat	39.40	0.00
TRINITY_sp|Q55AVsac1	Phosphatidylinositi	39.40	0.00
TRINITY_sp|Q7ZWEbbs5	Bardet-Biedl syndro	39.40	0.00
TRINITY_sp|Q5E97VPS25	Vacuolar protein-so	39.40	0.00
TRINITY_sp|P1612THR4	Threonine synthase	39.40	0.00
TRINITY_sp|Q54DIamdA	AMP deaminase OS=Di	39.40	0.00
TRINITY_sp|Q9RPFrh1G	Rhamnolipids biosyn	39.40	0.00
TRINITY_sp|Q9FV7Atlg5772	Probable elongation	39.40	0.00
TRINITY_sp|P4364-	DnaJ protein homolo	39.40	0.00
TRINITY_sp|P2507CML12	Calmodulin-like pro	39.40	0.00
TRINITY_sp|Q9SC6At3g5052	Phosphoglycerate mu	39.40	0.00
TRINITY_sp|Q9SYUPEX10	Peroxisome biogenes	39.40	0.00
TRINITY_sp|Q8NG6TTL	Tubulin--tyrosine l	39.40	0.00
TRINITY_sp|Q945(modA	Neutral alpha-gluco	39.40	0.00
TRINITY_sp|Q31QFrp1J	50S ribosomal prote	39.40	0.00
TRINITY_sp|Q6DE7ogfod1	Prolyl 3-hydroxylas	39.40	0.00

TRINITY_sp|Q8BNIWdr35	WD repeat-contains	39.40	0.00
TRINITY_sp|P3508cbpP	Calcium-binding protein	39.40	0.00
TRINITY_sp|Q9ASUDGAT2	Diacylglycerol O-acyltransferase	39.40	0.00
TRINITY_sp|Q7KV9Trf4-1	Non-canonical poly(ADP-ribose) polymerase	39.40	0.00
TRINITY_sp|Q8C11Ccz1	Vacuolar fusion protein	39.40	0.00
TRINITY_sp|Q0288FMP30	N-acyl-phosphatidylcholine synthase	39.40	0.00
TRINITY_sp|Q8L64BB	E3 ubiquitin ligase	39.40	0.00
TRINITY_sp|Q73PMrpsS	30S ribosomal protein S1	39.40	0.00
TRINITY_sp|Q7ZX2utp15	U3 small nucleolar ribonucleoprotein	39.40	0.00
TRINITY_sp|Q1246TRM11	tRNA (guanine(10)-N-acetylhistidine)	39.40	0.00
TRINITY_sp|Q9VGF1CG17726	Protein arginine methyltransferase	39.40	0.00
TRINITY_sp|Q6304Gfer	FAD-linked sulfhydrylase	39.40	0.00
TRINITY_sp|F4JL8LDL3	Lysine-specific histone demethylase	39.40	0.00
TRINITY_sp|Q8IY1PNPLA6	Neuropathy target esterase	39.40	0.00
TRINITY_sp|P412(Cetn1	Centrin-1 OS=Mus musculus	39.40	0.00
TRINITY_sp|Q9469RAP1	Ras-related protein	39.40	0.00
TRINITY_sp|Q72L1fo1E	GTP cyclohydrolase	39.40	0.00
TRINITY_sp|Q8TBF1KLHDC4	Kelch domain-containing protein	39.40	0.00
TRINITY_sp|Q8ZNYpphA	Serine/threonine-protein phosphatase	39.40	0.00
TRINITY_sp|P1097-	Retrovirus-related	39.40	0.00
TRINITY_sp|Q9M88PMI1	Mannose-6-phosphate isomerase	39.40	0.00
TRINITY_sp|Q14CFMocos	Molybdenum cofactor	39.40	0.00
TRINITY_sp|Q9QY2Smok3a	Sperm motility kinase	39.40	0.00
TRINITY_sp|Q8H08MPA1	Puromycin-sensitive nucleoside transferase	39.40	0.00
TRINITY_sp|Q54P1tmem1847	Transmembrane protein	39.40	0.00
TRINITY_sp|Q9VM9TTLL3B	Tubulin glycosylase 3	39.40	0.00
TRINITY_sp|Q5ZJ(YARS	Tyrosine--tRNA ligase	39.40	0.00
TRINITY_sp|Q8H18At1g0647	Probable sugar phosphatase	39.40	0.00
TRINITY_sp|Q9KD5era	GTPase Era OS=Bacillus	39.40	0.00
TRINITY_sp|Q5854nudF	ADP-ribose pyrophosphatase	39.40	0.00
TRINITY_sp|Q8VZ1SWC4	SWR1-complex protein	39.40	0.00
TRINITY_sp|Q9C0(CDNAH6	Dynein heavy chain	39.40	0.00
TRINITY_sp|Q54VDDDB_G028	Probable serine/threonine phosphatase	39.40	0.00
TRINITY_sp|P5339Dbt	Lipoamide acyltransferase	39.40	0.00
TRINITY_sp|Q7268pta	Phosphate acetyltransferase	39.40	0.00
TRINITY_sp|B8BJ3OsI_351(C	Pyruvate kinase 1, cytosolic	39.40	0.00
TRINITY_sp|P1097-	Retrovirus-related	39.40	0.00
TRINITY_sp|Q9FIHSPP	Stromal processing	39.40	0.00
TRINITY_sp|Q5A87SLN1	Histidine protein kinase	39.40	0.00
TRINITY_sp|Q8VE5Ogfr11	Opioid growth factor	39.40	0.00
TRINITY_sp|B4JV2GH17388	E3 UFM1-protein ligase	39.30	0.00
TRINITY_sp|P3482-	Elongation factor 1	39.30	0.00
TRINITY_sp|Q9VL(CG4968	Ubiquitin thioesterase	39.30	0.00
TRINITY_sp|Q9441OST48	Dolichyl-diphosphooligase	39.30	0.00
TRINITY_sp|P2969eef-2	Elongation factor 2	39.30	0.00
TRINITY_sp|O4904VPS45	Vacuolar protein sorting factor	39.30	0.00
TRINITY_sp|P384(GNA14	Guanine nucleotide-binding protein	39.30	0.00
TRINITY_sp|F4JV7SFH6	Phosphatidylinositol 3-kinase	39.30	0.00
TRINITY_sp|Q5E91EIF2S2	Eukaryotic translation initiation factor	39.30	0.00
TRINITY_sp|Q3KP4ANKRD55	Ankyrin repeat domain protein	39.30	0.00
TRINITY_sp|Q86K1phyA	Prolyl 4-hydroxylase	39.30	0.00
TRINITY_sp|Q9CX2Ndufs4	NADH dehydrogenase	39.30	0.00
TRINITY_sp|Q1658MAP3K11	Mitogen-activated protein kinase	39.30	0.00
TRINITY_sp|Q9EPIAcox3	Peroxisomal acyl-coenzyme oxidase	39.30	0.00
TRINITY_sp|Q4PC1SEC13	Protein transport protein	39.30	0.00
TRINITY_sp|Q2LVImsbA	Lipid A export ATP-binding protein	39.30	0.00

TRINITY_sp|A7S7|vlg16724	Anamorsin homolog O	39.30	0.00
TRINITY_sp|A6UV|Maao_10	Lactaldehyde dehydr	39.30	0.00
TRINITY_sp|Q6S7|TAF5	Transcription initi	39.30	0.00
TRINITY_sp|Q0P5|RPRD1A	Regulation of nucle	39.30	0.00
TRINITY_sp|Q54V|hdaC	Type-2 histone deac	39.30	0.00
TRINITY_sp|P353|-	Sodium/potassium-tr	39.30	0.00
TRINITY_sp|Q9P7|SPBP35G2	ZZ-type zinc finger	39.30	0.00
TRINITY_sp|Q5BU|Eapp	E2F-associated phos	39.30	0.00
TRINITY_sp|Q75J|cdcl23	Cell division cycle	39.30	0.00
TRINITY_sp|Q5E9|NECAP2	Adaptin ear-binding	39.30	0.00
TRINITY_sp|Q9VH|Invadol	Leishmanolysin-like	39.30	0.00
TRINITY_sp|Q0954F26C11.1	Putative acid phosp	39.30	0.00
TRINITY_sp|O809|AGD7	ADP-ribosylation fa	39.30	0.00
TRINITY_sp|Q2RF|rsmG	Ribosomal RNA small	39.30	0.00
TRINITY_sp|O8454CT_544	Probable hexose pho	39.30	0.00
TRINITY_sp|O237|GSH2	Glutathione synthet	39.30	0.00
TRINITY_sp|Q090|-	Hibernation-specifi	39.30	0.00
TRINITY_sp|Q869|pakB	Serine/threonine-pr	39.30	0.00
TRINITY_sp|O188|AOAH	Acyloxyacyl hydrola	39.30	0.00
TRINITY_sp|Q7NM|cry	Cryptochrome DASH O	39.30	0.00
TRINITY_sp|Q9SL|ZIP3	Zinc transporter 3	39.30	0.00
TRINITY_sp|O6244Y43F4A.1	Leishmanolysin-like	39.30	0.00
TRINITY_sp|Q9UD|DNAJB4	DnaJ homolog subfam	39.30	0.00
TRINITY_sp|Q9LE|IRE	Probable serine/thr	39.30	0.00
TRINITY_sp|Q54BI|dstC	Signal transducer a	39.30	0.00
TRINITY_sp|Q54KI|lmbd1	Probable lysosomal	39.30	0.00
TRINITY_sp|Q53P|PHT4;6	Probable anion tran	39.30	0.00
TRINITY_sp|Q9UT|mrp119	54S ribosomal prote	39.30	0.00
TRINITY_sp|Q9FM|At5g1405	U3 small nucleolar	39.30	0.00
TRINITY_sp|Q8BW|Cmtr2	Cap-specific mRNA (	39.30	0.00
TRINITY_sp|Q556|snf12-1	SWI/SNF complex com	39.30	0.00
TRINITY_sp|Q582|MJ0812	Uncharacterized pro	39.30	0.00
TRINITY_sp|Q8MZ|-	Physoarolisin OS=Phy	39.30	0.00
TRINITY_sp|Q134|MKRN4P	Putative E3 ubiquit	39.30	0.00
TRINITY_sp|P0021|fd1	Ferredoxin-1 OS=Des	39.30	0.00
TRINITY_sp|O6476|GLCNAC1	UDP-N-acetylglucosa	39.30	0.00
TRINITY_sp|P427|CLPB1	Chaperone protein C	39.30	0.00
TRINITY_sp|Q5E9|EMC2	ER membrane protein	39.30	0.00
TRINITY_sp|Q9CZ|NaaIad2	N-acetylated-alpha-	39.30	0.00
TRINITY_sp|Q8LP|At3g1995	E3 ubiquitin-protei	39.30	0.00
TRINITY_sp|Q8ND|EHBP1	EH domain-binding p	39.30	0.00
TRINITY_sp|Q555|gabD	Probable succinate-	39.30	0.00
TRINITY_sp|O1404|SPAC2C4	Putative tRNA 2'-ph	39.30	0.00
TRINITY_sp|Q93Y|GTE9	Transcription facto	39.30	0.00
TRINITY_sp|Q9C5|KEU	SNARE-interacting p	39.30	0.00
TRINITY_sp|O4354|ATP8B1	Phospholipid-transp	39.30	0.00
TRINITY_sp|Q8R1|Znfx1	NFX1-type zinc fing	39.30	0.00
TRINITY_sp|B0D6|LACBIDR	Pentafunctional ARO	39.30	0.00
TRINITY_sp|Q54U4|abcC12	ABC transporter C f	39.30	0.00
TRINITY_sp|A2XQ|OsI_1486	Senescence-specific	39.30	0.00
TRINITY_sp|F4HW|XI-E	Myosin-11 OS=Arabid	39.30	0.00
TRINITY_sp|Q54J|abcC3	ABC transporter C f	39.30	0.00
TRINITY_sp|Q8AX|cyp3a56	Cytochrome P450 3A5	39.30	0.00
TRINITY_sp|Q2QY|CIPK14	CBL-interacting pro	39.30	0.00
TRINITY_sp|P213|pncA	Pyrazinamidase/nico	39.30	0.00
TRINITY_sp|Q2NL|GSTT1	Glutathione S-trans	39.20	0.00

TRINITY_sp|P9375GK-1	Guanylate kinase 1	39.20	0.00
TRINITY_sp|P5847pepB	Putative peptidase	39.20	0.00
TRINITY_sp|O1473CDIPT	CDP-diacylglycerol-	39.20	0.00
TRINITY_sp|P011(V-MYB	Transforming protei	39.20	0.00
TRINITY_sp|Q9JMCEdf1	Endothelial differe	39.20	0.00
TRINITY_sp|Q9LDCRK33	Putative cysteine-r	39.20	0.00
TRINITY_sp|Q6361Vps33a	Vacuolar protein so	39.20	0.00
TRINITY_sp|Q5M72At3g5226	RNA pseudouridine s	39.20	0.00
TRINITY_sp|C5H42DBR2	Artemisinic aldehyd	39.20	0.00
TRINITY_sp|P4872Ppn1	Serine/threonine-pr	39.20	0.00
TRINITY_sp|O4286sco1	Protein sco1 OS=Sch	39.20	0.00
TRINITY_sp|Q4P6FCOF1	Cofilin OS=Ustilago	39.20	0.00
TRINITY_sp|Q8CE6Trmt6	tRNA (adenine(58)-N	39.20	0.00
TRINITY_sp|Q2391kinX	Probable serine/thr	39.20	0.00
TRINITY_sp|O6093CTNS	Cystinosin OS=Homo	39.20	0.00
TRINITY_sp|Q05B1shq1	Protein SHQ1 homolo	39.20	0.00
TRINITY_sp|Q55GUDDB_G026	Probable serine/thr	39.20	0.00
TRINITY_sp|B8GQ5tsf	Elongation factor T	39.20	0.00
TRINITY_sp|Q55DQrabggta	Geranylgeranyl tran	39.20	0.00
TRINITY_sp|Q550FDDB_G027	Probable serine/thr	39.20	0.00
TRINITY_sp|O4242EPHA7	Ephrin type-A recep	39.20	0.00
TRINITY_sp|D4DHLAP1	Probable leucine am	39.20	0.00
TRINITY_sp|P5195Nek1	Serine/threonine-pr	39.20	0.00
TRINITY_sp|Q0U3MSNOG_136	Very-long-chain 3-o	39.20	0.00
TRINITY_sp|Q8RVIDEK1	Calpain-type cystei	39.20	0.00
TRINITY_sp|P3225rasC	Ras-like protein ra	39.20	0.00
TRINITY_sp|Q8L77At1g3173	AP-4 complex subuni	39.20	0.00
TRINITY_sp|O59711lys9	Saccharopine dehydr	39.20	0.00
TRINITY_sp|Q6CT1FYV4	Protein FYV4, mitoc	39.20	0.00
TRINITY_sp|A6TW6gltX	Glutamate--tRNA lig	39.20	0.00
TRINITY_sp|P1336-	Actin OS=Phytophtho	39.20	0.00
TRINITY_sp|Q54CFDDB_G029	WAS protein family	39.20	0.00
TRINITY_sp|Q9XICSERK2	Somatic embryogenes	39.20	0.00
TRINITY_sp|Q8T9VabcB3	ABC transporter B f	39.20	0.00
TRINITY_sp|F6Z5Cusp15	Ubiquitin carboxyl-	39.20	0.00
TRINITY_sp|P3836PHO89	Phosphate permease	39.20	0.00
TRINITY_sp|Q5ZM3GK5	Putative glycerol k	39.20	0.00
TRINITY_sp|Q28I1hsd17b12	Very-long-chain 3-o	39.20	0.00
TRINITY_sp|Q9SRIUDP-GAL1	UDP-galactose trans	39.20	0.00
TRINITY_sp|Q54T5yipf1	Protein YIPF1 homol	39.20	0.00
TRINITY_sp|Q5NA1MTP5	Metal tolerance pro	39.20	0.00
TRINITY_sp|P4037ptc1	Protein phosphatase	39.20	0.00
TRINITY_sp|Q96MKREMEN1	Kremen protein 1 OS	39.20	0.00
TRINITY_sp|O0405DHBK	Putative 3,4-dihydr	39.20	0.00
TRINITY_sp|Q10QFUROS	Uroporphyrinogen-II	39.20	0.00
TRINITY_sp|Q3714ACA1	Calcium-transportin	39.20	0.00
TRINITY_sp|Q9UT(SPAC227.	Putative uridine ki	39.20	0.00
TRINITY_sp|P2006Hexb	Beta-hexosaminidase	39.20	0.00
TRINITY_sp|Q8BG6Nudt15	Nucleotide triphosp	39.20	0.00
TRINITY_sp|A8IZ(CHLREDR7	Probable cytosolic	39.20	0.00
TRINITY_sp|Q0783GPI13	GPI ethanolamine ph	39.20	0.00
TRINITY_sp|Q810\mphosph1	U3 small nucleolar	39.20	0.00
TRINITY_sp|P5431Lipe	Hormone-sensitive l	39.20	0.00
TRINITY_sp|Q9SRI SNL1	Paired amphipathic	39.20	0.00
TRINITY_sp|Q9SRI AZG1	Adenine/guanine per	39.20	0.00
TRINITY_sp|A7A25ATG18	Autophagy-related p	39.20	0.00

TRINITY_sp|Q0WV\SS4	Probable starch syn	39.20	0.00
TRINITY_sp|Q8W4\ICYP71	Peptidyl-prolyl cis	39.20	0.00
TRINITY_sp|Q54M\mrkB	Probable serine/thr	39.20	0.00
TRINITY_sp|Q8L4\CSTF50	Cleavage stimulatio	39.20	0.00
TRINITY_sp|Q7TN\Em12	Echinoderm microtub	39.20	0.00
TRINITY_sp|G5EB\let-418	Protein let-418 OS=	39.20	0.00
TRINITY_sp|Q59W\GIN4	Serine/threonine-pr	39.20	0.00
TRINITY_sp|Q9SK\IRPA1A	Replication protein	39.20	0.00
TRINITY_sp|D7UQ\aur	Aurora kinase OS=Pa	39.20	0.00
TRINITY_sp|Q747\FrimO	Ribosomal protein S	39.20	0.00
TRINITY_sp|Q084\PDE4C	cAMP-specific 3',5'	39.20	0.00
TRINITY_sp|Q500\DPB2	DNA polymerase epsi	39.20	0.00
TRINITY_sp|Q5E9\BYSL	Bystin OS=Bos tauru	39.20	0.00
TRINITY_sp|Q141\WRN	Werner syndrome ATP	39.20	0.00
TRINITY_sp|Q3ZC\CCNC	Cyclin-C OS=Bos tau	39.20	0.00
TRINITY_sp|A0AV\UBA6	Ubiquitin-like modi	39.20	0.00
TRINITY_sp|Q6RW\-	Sodium/potassium-tr	39.20	0.00
TRINITY_sp|Q55D\mcfF	Mitoferrin OS=Dicty	39.20	0.00
TRINITY_sp|P262\celD	Endoglucanase E-4 O	39.20	0.00
TRINITY_sp|Q9SZ\CHHP4	Heptahelical transm	39.20	0.00
TRINITY_sp|Q3SY\TNPO1	Transportin-1 OS=Bo	39.10	0.00
TRINITY_sp|P758\yliI	Soluble aldose suga	39.10	0.00
TRINITY_sp|Q0WU\FAB1A	1-phosphatidylinosi	39.10	0.00
TRINITY_sp|Q9P7\clp1	Tyrosine-protein ph	39.10	0.00
TRINITY_sp|Q9U1\FSras	CAAX prenyl proteas	39.10	0.00
TRINITY_sp|O494\At4g284	Uncharacterized pro	39.10	0.00
TRINITY_sp|Q8NF\SYNE1	Nesprin-1 OS=Homo s	39.10	0.00
TRINITY_sp|P981\Atp8b2	Phospholipid-transp	39.10	0.00
TRINITY_sp|P0CH\adhcl1	NADP-dependent alco	39.10	0.00
TRINITY_sp|Q6EP\ISPF	2-C-methyl-D-erythr	39.10	0.00
TRINITY_sp|P0C8\MCCRP1	Probable serine/thr	39.10	0.00
TRINITY_sp|Q9D3\Snx29	Sorting nexin-29 OS	39.10	0.00
TRINITY_sp|Q55D\DDB_G02	Putative methylster	39.10	0.00
TRINITY_sp|P0CD\pan3	PAB-dependent poly(	39.10	0.00
TRINITY_sp|Q6TG\CBK1	Serine/threonine-pr	39.10	0.00
TRINITY_sp|Q54S\dhkM	Hybrid signal trans	39.10	0.00
TRINITY_sp|Q54B\abcB2	ABC transporter B f	39.10	0.00
TRINITY_sp|Q8IQ\CG31957	Probable RNA-bindin	39.10	0.00
TRINITY_sp|P366\dsk1	Protein kinase dsk1	39.10	0.00
TRINITY_sp|F4J6\HIREH1	Probable serine/thr	39.10	0.00
TRINITY_sp|Q0D4\ICIPK21	CBL-interacting pro	39.10	0.00
TRINITY_sp|O422\kras1	GTPase KRas OS=Oryz	39.10	0.00
TRINITY_sp|Q55B\plbB	Phospholipase B-lik	39.10	0.00
TRINITY_sp|P217\EPHA1	Ephrin type-A recep	39.10	0.00
TRINITY_sp|Q55B\dcd1A	Protein dcd1A OS=Di	39.10	0.00
TRINITY_sp|Q9QY\Smok3a	Sperm motility kina	39.10	0.00
TRINITY_sp|Q8CF\Aqr	Intron-binding prot	39.10	0.00
TRINITY_sp|O054\yrpG	Uncharacterized oxi	39.10	0.00
TRINITY_sp|O704\Prmt3	Protein arginine N-	39.10	0.00
TRINITY_sp|O154\ABCC4	Multidrug resistanc	39.10	0.00
TRINITY_sp|P518\lig1	DNA ligase 1 OS=Xen	39.10	0.00
TRINITY_sp|Q092\ccdc-55	Nuclear speckle spl	39.10	0.00
TRINITY_sp|Q5T0\MARCH8	E3 ubiquitin-protei	39.10	0.00
TRINITY_sp|Q54G\ssrp1	FACT complex subuni	39.10	0.00
TRINITY_sp|Q84M\CAT1	Cationic amino acid	39.10	0.00
TRINITY_sp|P0DK\PGLP1A	Phosphoglycolate ph	39.10	0.00

TRINITY_sp|O009(-	Lysosomal acid alph	39.10	0.00
TRINITY_sp|P707(Atp8a1	Phospholipid-transp	39.10	0.00
TRINITY_sp|O890(Pde4a	cAMP-specific 3',5'	39.10	0.00
TRINITY_sp|Q645(Atp7b	Copper-transporting	39.10	0.00
TRINITY_sp|P186(rapA	Ras-related protein	39.10	0.00
TRINITY_sp|F9VN(rnhA	Ribonuclease HI OS=	39.10	0.00
TRINITY_sp|B4SQ(fnp	Polyribonucleotide	39.10	0.00
TRINITY_sp|B9DF(PAA2	Copper-transporting	39.10	0.00
TRINITY_sp|Q91W(Dgkg	Diacylglycerol kina	39.10	0.00
TRINITY_sp|Q8IW(DENND6A	Protein DENND6A OS=	39.10	0.00
TRINITY_sp|P623(CPK4	Calcium-dependent p	39.10	0.00
TRINITY_sp|Q5BJ(Carnmt1	Carnosine N-methylt	39.10	0.00
TRINITY_sp|Q9ZV(CHR8	Protein CHROMATIN R	39.10	0.00
TRINITY_sp|Q6N0(MFSD5	Molybdate-anion tra	39.10	0.00
TRINITY_sp|Q54G(I DDB_G02(PXMP2/4 family prot		39.10	0.00
TRINITY_sp|Q3V3(Lac1	Lactation elevated	39.10	0.00
TRINITY_sp|Q8N5(IRPP25L	Ribonuclease P prot	39.10	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	39.10	0.00
TRINITY_sp|O805(CYCU4-1	Cyclin-U4-1 OS=Arab	39.10	0.00
TRINITY_sp|Q6Z9(KIN7H	Kinesin-like protei	39.10	0.00
TRINITY_sp|Q9H0(WWP1	NEDD4-like E3 ubiqu	39.10	0.00
TRINITY_sp|O136(mrd1	Multiple RNA-bindin	39.10	0.00
TRINITY_sp|Q6UD(ManS	Mannan synthase 1 O	39.10	0.00
TRINITY_sp|O091(Man2b1	Lysosomal alpha-man	39.10	0.00
TRINITY_sp|P817(TL17	Thylakoid lumenal 1	39.10	0.00
TRINITY_sp|P623(CPK4	Calcium-dependent p	39.10	0.00
TRINITY_sp|Q8PN(glnS	Glutamine--tRNA lig	39.10	0.00
TRINITY_sp|O807(WDR55	WD repeat-containin	39.10	0.00
TRINITY_sp|Q9XG(B 'ALPH(Serine/threonine pr		39.00	0.00
TRINITY_sp|A2YH(OsI_023(Serine/threonine-pr		39.00	0.00
TRINITY_sp|Q9FV(MAP1D	Methionine aminopep	39.00	0.00
TRINITY_sp|Q0AF(facsA	Acetyl-coenzyme A s	39.00	0.00
TRINITY_sp|Q0VA(wdr70	WD repeat-containin	39.00	0.00
TRINITY_sp|Q906(DPYSL2	Dihydropyrimidinase	39.00	0.00
TRINITY_sp|Q54G(fvps45	Vacuolar protein so	39.00	0.00
TRINITY_sp|Q5XG(gtgbp1	GTP-binding protein	39.00	0.00
TRINITY_sp|Q6XH(eroco4	Probable serine/thr	39.00	0.00
TRINITY_sp|Q96B(DOCK10	Dedicator of cytoki	39.00	0.00
TRINITY_sp|Q9NU(TBC1D22(TBC1 domain family		39.00	0.00
TRINITY_sp|Q6UE(fnadA	NADH-dependent flav	39.00	0.00
TRINITY_sp|Q93V(At4g174(DeSI-like protein A		39.00	0.00
TRINITY_sp|Q9FH(At5g051(Probable leucine-ri		39.00	0.00
TRINITY_sp|Q7KW(pgs1	Probable CDP-diacyl	39.00	0.00
TRINITY_sp|Q102(SPAC4G9	Uncharacterized mit	39.00	0.00
TRINITY_sp|Q8IZ(TRMT2A	tRNA (uracil-5-)-me	39.00	0.00
TRINITY_sp|A1JS(rsmJ	Ribosomal RNA small	39.00	0.00
TRINITY_sp|Q55F(I DDB_G02(Probable carboxypep		39.00	0.00
TRINITY_sp|P497(RBM25	RNA-binding protein	39.00	0.00
TRINITY_sp|P805(aro-8	Phospho-2-dehydro-3	39.00	0.00
TRINITY_sp|Q0IU(CML2	Putative calmodulin	39.00	0.00
TRINITY_sp|Q8VC(Zdhhc12	Probable palmitoylt	39.00	0.00
TRINITY_sp|Q23K(TTLL3D	Tubulin glycyclase 3	39.00	0.00
TRINITY_sp|Q949(UBP6	Ubiquitin carboxyl-	39.00	0.00
TRINITY_sp|O139(pnk1	Bifunctional polynu	39.00	0.00
TRINITY_sp|Q7ZV(ipoc1a	POC1 centriolar pro	39.00	0.00
TRINITY_sp|Q8MY(I DDB_G02(Probable serine/thr		39.00	0.00

TRINITY_sp|B0R0|chd8	Chromodomain-helica	39.00	0.00
TRINITY_sp|P468|yhgF	Protein YhgF OS=Esc	39.00	0.00
TRINITY_sp|Q126|YPK9	Vacuolar cation-tra	39.00	0.00
TRINITY_sp|Q9FV|NUCL1	Nucleolin 1 OS=Arab	39.00	0.00
TRINITY_sp|Q6NV|HIBCH	3-hydroxyisobutyryl	39.00	0.00
TRINITY_sp|O6034|TBC1D12	TBC1 domain family	39.00	0.00
TRINITY_sp|Q95X|laat-1	Lysosomal amino aci	39.00	0.00
TRINITY_sp|Q7TP|Shprh	E3 ubiquitin-protei	39.00	0.00
TRINITY_sp|Q55B|plbB	Phospholipase B-lik	39.00	0.00
TRINITY_sp|Q962|MYB23	Transcription facto	39.00	0.00
TRINITY_sp|Q8RX|FAGD14	Probable ADP-ribosy	39.00	0.00
TRINITY_sp|Q8IU|CAMK1D	Calcium/calmodulin-	39.00	0.00
TRINITY_sp|Q75J|DDB_G02	SH3 and F-BAR domai	39.00	0.00
TRINITY_sp|O749|rrp45	Exosome complex com	39.00	0.00
TRINITY_sp|P470|PRY1	Protein PRY1 OS=Sac	39.00	0.00
TRINITY_sp|Q9UB|ERNF14	E3 ubiquitin-protei	39.00	0.00
TRINITY_sp|Q4KW|PLCH1	1-phosphatidylinosi	39.00	0.00
TRINITY_sp|Q927|SYN2	Synapsin-2 OS=Homo	39.00	0.00
TRINITY_sp|O139|crn1	Coronin-like protei	39.00	0.00
TRINITY_sp|P505|ssp1	Serine/threonine-pr	39.00	0.00
TRINITY_sp|P051|PRKACB	cAMP-dependent prot	39.00	0.00
TRINITY_sp|Q941|PMS1	DNA mismatch repair	39.00	0.00
TRINITY_sp|O548|Cacna1g	Voltage-dependent T	39.00	0.00
TRINITY_sp|C5FT|LAP2	Leucine aminopeptid	39.00	0.00
TRINITY_sp|O945|cut23	Anaphase-promoting	39.00	0.00
TRINITY_sp|Q6NX|Rcbtb1	RCC1 and BTB domain	39.00	0.00
TRINITY_sp|Q6PC|cdc123	Cell division cycle	39.00	0.00
TRINITY_sp|A4Q9|Tt112	Probable tubulin po	39.00	0.00
TRINITY_sp|Q5TC|GRTP1	Growth hormone-regu	39.00	0.00
TRINITY_sp|Q7PC|SAT2	Diamine acetyltrans	39.00	0.00
TRINITY_sp|P109|-	Retrovirus-related	39.00	0.00
TRINITY_sp|Q6IR|tipr1	TIP41-like protein	39.00	0.00
TRINITY_sp|Q54W|forA	Formin-A OS=Dictyos	39.00	0.00
TRINITY_sp|P525|myb12	Myb-related protein	39.00	0.00
TRINITY_sp|Q9XS|TTPP1	Tripeptidyl-peptida	39.00	0.00
TRINITY_sp|Q614|Pdela	Calcium/calmodulin-	39.00	0.00
TRINITY_sp|P295|-	Elongation factor 1	39.00	0.00
TRINITY_sp|Q9BZ|PUS3	tRNA pseudouridine(	39.00	0.00
TRINITY_sp|O149|AURKA	Aurora kinase A OS=	39.00	0.00
TRINITY_sp|Q9N5|cdc-73	Cell division cycle	39.00	0.00
TRINITY_sp|Q9SF|PAH1	Phosphatidate phosp	39.00	0.00
TRINITY_sp|O069|yvdB	Putative sulfate tr	39.00	0.00
TRINITY_sp|Q54Y|dhkB	Hybrid signal trans	39.00	0.00
TRINITY_sp|Q29R|TBC1D31	TBC1 domain family	39.00	0.00
TRINITY_sp|D4P3|CFAP74	Cilia- and flagella	39.00	0.00
TRINITY_sp|P221|cta3	Calcium-transportin	39.00	0.00
TRINITY_sp|F4JY|TCX7	Protein tesmin/TSO1	38.90	0.00
TRINITY_sp|Q924|pub1	E3 ubiquitin-protei	38.90	0.00
TRINITY_sp|Q065|TAZ1	Lysophosphatidylcho	38.90	0.00
TRINITY_sp|Q9PU|smurf1	E3 ubiquitin-protei	38.90	0.00
TRINITY_sp|O970|CG1307	Probable peptidyl-t	38.90	0.00
TRINITY_sp|A6QL|MTMR2	Myotubularin-relate	38.90	0.00
TRINITY_sp|A0L5|urpmB	50S ribosomal prote	38.90	0.00
TRINITY_sp|Q6L5|IMCE	Probable isoprenylc	38.90	0.00
TRINITY_sp|Q9SU|CHX17	Cation/H(+) antipor	38.90	0.00
TRINITY_sp|A8WY|par-1	Serine/threonine-pr	38.90	0.00

TRINITY_sp|A6H79TRMT61A	tRNA (adenine(58)-N	38.90	0.00
TRINITY_sp|Q8BYFRdh12	Retinol dehydrogena	38.90	0.00
TRINITY_sp|Q6N06NAA16	N-alpha-acetyltrans	38.90	0.00
TRINITY_sp|P8237scrK	Fructokinase OS=Lac	38.90	0.00
TRINITY_sp|Q9SD3At3g5113	UPF0183 protein At3	38.90	0.00
TRINITY_sp|P1101isp	Major intracellular	38.90	0.00
TRINITY_sp|Q54BMmcfG	Mitochondrial subst	38.90	0.00
TRINITY_sp|Q54B1redA	NADPH oxidoreductas	38.90	0.00
TRINITY_sp|Q3924PP2AB2	Serine/threonine pr	38.90	0.00
TRINITY_sp|A7SBIints9	Integrator complex	38.90	0.00
TRINITY_sp|Q5JTRRRP12	RRP12-like protein	38.90	0.00
TRINITY_sp|Q7YXIp80	Protein P80 OS=Dict	38.90	0.00
TRINITY_sp|Q8VHFDnah5	Dynein heavy chain	38.90	0.00
TRINITY_sp|Q5C9I-	(S)-coclaurine N-me	38.90	0.00
TRINITY_sp|Q8LP1ABCB6	ABC transporter B f	38.90	0.00
TRINITY_sp|P4966pkwA	Probable serine/thr	38.90	0.00
TRINITY_sp|F4I21RMR3	Receptor homology r	38.90	0.00
TRINITY_sp|Q3SZ1HPRT1	Hypoxanthine-guanin	38.90	0.00
TRINITY_sp|P4123Abca1	ATP-binding cassett	38.90	0.00
TRINITY_sp|O583(alaxS	Alanyl-tRNA editing	38.90	0.00
TRINITY_sp|Q9VQ8mio	WD repeat-containin	38.90	0.00
TRINITY_sp|Q67ZF3BETAHSI	3beta-hydroxysteroid	38.90	0.00
TRINITY_sp|Q86G4gefQ	Ras guanine nucleot	38.90	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	38.90	0.00
TRINITY_sp|Q9SMFDHC1B	Cytoplasmic dynein	38.90	0.00
TRINITY_sp|P2212-	Ras-related protein	38.90	0.00
TRINITY_sp|Q4078-	Putative glucose-6-	38.90	0.00
TRINITY_sp|Q7SC1sym-1	Protein sym-1 OS=Ne	38.90	0.00
TRINITY_sp|Q9C52UDP-GAL1	UDP-galactose trans	38.90	0.00
TRINITY_sp|O6486Acx	Acyl-coenzyme A oxi	38.90	0.00
TRINITY_sp|P1539rpa1	DNA-directed RNA po	38.90	0.00
TRINITY_sp|O2289LACS1	Long chain acyl-CoA	38.90	0.00
TRINITY_sp|Q1449RBM39	RNA-binding protein	38.90	0.00
TRINITY_sp|B7KDEglgC	Glucose-1-phosphate	38.90	0.00
TRINITY_sp|Q4PFIATG2	Autophagy-related p	38.90	0.00
TRINITY_sp|Q9FP9UBP23	Ubiquitin carboxyl-	38.90	0.00
TRINITY_sp|Q9SR7At3g1013	Heme-binding-like p	38.90	0.00
TRINITY_sp|P1464Pde4c	cAMP-specific 3',5'	38.90	0.00
TRINITY_sp|Q88K2pheT	Phenylalanine--tRNA	38.90	0.00
TRINITY_sp|Q08D1PUS7	Pseudouridylate syn	38.90	0.00
TRINITY_sp|Q4V81Fam221a	Protein FAM221A OS=	38.90	0.00
TRINITY_sp|Q54D1taf1	Transcription initi	38.90	0.00
TRINITY_sp|Q0DJCOST1A	Dolichyl-diphosphoo	38.90	0.00
TRINITY_sp|P1097-	Retrovirus-related	38.90	0.00
TRINITY_sp|Q9FN1At5g2275	Putative SWI/SNF-re	38.90	0.00
TRINITY_sp|Q9C61GAMMACA2	Gamma carbonic anhy	38.90	0.00
TRINITY_sp|Q47L1rplX	50S ribosomal prote	38.90	0.00
TRINITY_sp|Q758(BTN1	Protein BTN1 OS=Ash	38.90	0.00

TRINITY_sp|Q32KNDNAL4	Dynein light chain	38.90	0.00
TRINITY_sp|Q5BL4slc20a1	Sodium-dependent ph	38.90	0.00
TRINITY_sp|Q9BY1SCAPER	S phase cyclin A-as	38.90	0.00
TRINITY_sp|Q0WW8RBP47B	Polyadenylate-bindi	38.90	0.00
TRINITY_sp|Q758FLAS21	GPI ethanolamine ph	38.90	0.00
TRINITY_sp|P2346CYR1	Adenylate cyclase O	38.90	0.00
TRINITY_sp|Q1321PAPPA	Pappalysin-1 OS=Hom	38.90	0.00
TRINITY_sp|Q2978nero	Deoxyhypusine hydro	38.90	0.00
TRINITY_sp|Q54LHabcC5	ABC transporter C f	38.90	0.00
TRINITY_sp|D7U6CANR	Anthocyanidin reduc	38.90	0.00
TRINITY_sp|Q84W6SUFE1	SufE-like protein 1	38.90	0.00
TRINITY_sp|Q9C86RH34	DEAD-box ATP-depend	38.80	0.00
TRINITY_sp|Q557Edpp3-1	Dipeptidyl peptidas	38.80	0.00
TRINITY_sp|A0A08msl3	Mycolipanoate synth	38.80	0.00
TRINITY_sp|P4315-	Microbial collagena	38.80	0.00
TRINITY_sp|Q1036sck2	Serine/threonine-pr	38.80	0.00
TRINITY_sp|Q9Z36Itpr2	Inositol 1,4,5-tris	38.80	0.00
TRINITY_sp|P3986NIA2	Nitrate reductase [	38.80	0.00
TRINITY_sp|Q3T06QDPR	Dihydropteridine re	38.80	0.00
TRINITY_sp|B8IS8rplW	50S ribosomal prote	38.80	0.00
TRINITY_sp|Q2T96TRMT6	tRNA (adenine(58)-N	38.80	0.00
TRINITY_sp|Q1226GIN4	Serine/threonine-pr	38.80	0.00
TRINITY_sp|Q9Y86APE_2601	Uncharacterized pro	38.80	0.00
TRINITY_sp|B4K66fig	Protein phosphatase	38.80	0.00
TRINITY_sp|Q9QZ6Dcun1d1	DCN1-like protein 1	38.80	0.00
TRINITY_sp|P5016linX	2,5-dichloro-2,5-cy	38.80	0.00
TRINITY_sp|Q0586NNT1	Protein N-methyltra	38.80	0.00
TRINITY_sp|Q9LT6PDR2	Probable manganese-	38.80	0.00
TRINITY_sp|Q9VR6HERC2	Probable E3 ubiquit	38.80	0.00
TRINITY_sp|Q55C6mpl2	MAP kinase phosphat	38.80	0.00
TRINITY_sp|Q76PI6SPCC1226	E3 ubiquitin-protei	38.80	0.00
TRINITY_sp|Q2666KAP115	Kinesin-associated	38.80	0.00
TRINITY_sp|Q3U26Otud5	OTU domain-containi	38.80	0.00
TRINITY_sp|Q8GU6URIE1	E3 ubiquitin protei	38.80	0.00
TRINITY_sp|Q9VR6HERC2	Probable E3 ubiquit	38.80	0.00
TRINITY_sp|F4I26CTN	Cactin OS=Arabidops	38.80	0.00
TRINITY_sp|Q2446RABE1A	Ras-related protein	38.80	0.00
TRINITY_sp|Q9Z16Epn2	Epsin-2 OS=Rattus n	38.80	0.00
TRINITY_sp|O8126RHL1	DNA-binding protein	38.80	0.00
TRINITY_sp|Q67Z6ULIP2	Triacylglycerol lip	38.80	0.00
TRINITY_sp|Q4V86Gpat3	Glycerol-3-phosphat	38.80	0.00
TRINITY_sp|O8076WDR55	WD repeat-containin	38.80	0.00
TRINITY_sp|Q9236Dnah12	Dynein heavy chain	38.80	0.00
TRINITY_sp|O4336TXNL1	Thioredoxin-like pr	38.80	0.00
TRINITY_sp|Q9NS6KIF15	Kinesin-like protei	38.80	0.00
TRINITY_sp|Q9FL6MRS2-2	Magnesium transport	38.80	0.00
TRINITY_sp|Q86H6Pde4	cAMP-specific 3',5'	38.80	0.00
TRINITY_sp|A9V26_37534	Probable nitrile hy	38.80	0.00
TRINITY_sp|Q5E96RBL	Protein RBL OS=Arab	38.80	0.00
TRINITY_sp|Q7K26Rpn13	Proteasomal ubiquit	38.80	0.00
TRINITY_sp|Q8L76At1g3176	AP-4 complex subuni	38.80	0.00
TRINITY_sp|Q8GW6GFA2	Chaperone protein d	38.80	0.00
TRINITY_sp|Q7Z66HUWE1	E3 ubiquitin-protei	38.80	0.00
TRINITY_sp|Q9JIV6Polm	DNA-directed DNA/RN	38.80	0.00
TRINITY_sp|F4J76EAF1A	Chromatin modificat	38.80	0.00
TRINITY_sp|Q80U6Xpo1	Exportin-1 OS=Rattu	38.80	0.00

TRINITY_sp|Q8R5F|Usp33	Ubiquitin carboxyl-	38.80	0.00
TRINITY_sp|Q54M|rbbe	Retinoblastoma-bind	38.80	0.00
TRINITY_sp|Q6Q1|SMC1	Structural maintena	38.80	0.00
TRINITY_sp|Q54G|slmo	Protein slowmo homo	38.80	0.00
TRINITY_sp|Q6AX|Mtm1	Myotubularin OS=Rat	38.80	0.00
TRINITY_sp|Q6GLM|desi1	Desumoylating isope	38.80	0.00
TRINITY_sp|P3611|PRY2	Protein PRY2 OS=Sac	38.80	0.00
TRINITY_sp|Q7G8|Os01g036	Probable chromatin-	38.80	0.00
TRINITY_sp|Q9ZN|SAP3	Zinc finger A20 and	38.80	0.00
TRINITY_sp|A2XW|BRE1A	E3 ubiquitin-protei	38.80	0.00
TRINITY_sp|Q8S9|DRP3A	Dynamin-related pro	38.80	0.00
TRINITY_sp|Q9FJ|KPNB1	Importin subunit be	38.80	0.00
TRINITY_sp|Q9M9|SCPL50	Serine carboxypepti	38.80	0.00
TRINITY_sp|A2VE|ARIH1	E3 ubiquitin-protei	38.80	0.00
TRINITY_sp|Q7XG|Os10g014	Auxin transporter-1	38.80	0.00
TRINITY_sp|O268|MTH_771	UPF0047 protein MTH	38.80	0.00
TRINITY_sp|Q9ZP|At2g1822	Nucleolar complex p	38.80	0.00
TRINITY_sp|P025|-	Actin, cytoplasmic	38.80	0.00
TRINITY_sp|Q5Z6|CML29	Probable calcium-bi	38.80	0.00
TRINITY_sp|Q032|TOM1	E3 ubiquitin-protei	38.70	0.00
TRINITY_sp|Q54D|rab4	Ras-related protein	38.70	0.00
TRINITY_sp|Q86V|IQCH	IQ domain-containin	38.70	0.00
TRINITY_sp|Q631|Dnah1	Dynein heavy chain	38.70	0.00
TRINITY_sp|Q0P4|kti12	Protein KTI12 homol	38.70	0.00
TRINITY_sp|P531|GUP1	Glycerol uptake pro	38.70	0.00
TRINITY_sp|Q8MM|paxB	Paxillin-B OS=Dicty	38.70	0.00
TRINITY_sp|Q5DU|Cep164	Centrosomal protein	38.70	0.00
TRINITY_sp|O945|trp3	Probable anthranila	38.70	0.00
TRINITY_sp|Q5XX|MSH2	DNA mismatch repair	38.70	0.00
TRINITY_sp|Q54Y|DDB_G02	Probable serine/thr	38.70	0.00
TRINITY_sp|P407|yuxG	Uncharacterized oxi	38.70	0.00
TRINITY_sp|Q54C|eloA	Elongation of fatty	38.70	0.00
TRINITY_sp|P391|YCF1	Metal resistance pr	38.70	0.00
TRINITY_sp|Q095|paa-1	Probable serine/thr	38.70	0.00
TRINITY_sp|F4KD|MIP	Probable mitochondr	38.70	0.00
TRINITY_sp|Q6EW|fyna	Tyrosine-protein ki	38.70	0.00
TRINITY_sp|F4I1|ACC2	Acetyl-CoA carboxyl	38.70	0.00
TRINITY_sp|Q5U3|slc25a4	Solute carrier fami	38.70	0.00
TRINITY_sp|Q653|Os06g06	Probable alpha-gluc	38.70	0.00
TRINITY_sp|Q9ZV|At1g0337	C2 and GRAM domain-	38.70	0.00
TRINITY_sp|O148|RASGRF2	Ras-specific guanin	38.70	0.00
TRINITY_sp|Q588|TEB	Helicase and polyme	38.70	0.00
TRINITY_sp|Q122|DIP2	U3 small nucleolar	38.70	0.00
TRINITY_sp|Q9BU|NDERL1	Derlin-1 OS=Homo sa	38.70	0.00
TRINITY_sp|Q99L|St13	Hsc70-interacting p	38.70	0.00
TRINITY_sp|Q0CE|bglL	Probable beta-gluco	38.70	0.00
TRINITY_sp|Q8LK|LACS7	Long chain acyl-CoA	38.70	0.00
TRINITY_sp|Q068|STAUR_4	Putative epoxide hy	38.70	0.00
TRINITY_sp|B9FJ|SPP2	Signal peptide pept	38.70	0.00
TRINITY_sp|D2XN|FLOT6	Flotillin-like prot	38.70	0.00
TRINITY_sp|P382|NCL1	Multisite-specific	38.70	0.00
TRINITY_sp|P328|GSP2	GTP-binding nuclear	38.70	0.00
TRINITY_sp|A1DG|vba5-1	Kynureninase 1 OS=N	38.70	0.00
TRINITY_sp|Q8CH|Mbtps2	Membrane-bound tran	38.70	0.00
TRINITY_sp|Q17Q|TFDP1	Transcription facto	38.70	0.00
TRINITY_sp|O281|AF_2138	Phosphoserine phosp	38.70	0.00

TRINITY_sp|Q9LP9At1g5059	Pirin-like protein	38.70	0.00
TRINITY_sp|Q3899KIN10	SNF1-related protei	38.70	0.00
TRINITY_sp|Q6DK8kcnrg	Putative potassium	38.70	0.00
TRINITY_sp|Q9SAFAKR2A	Ankyrin repeat doma	38.70	0.00
TRINITY_sp|B8ARV0sI_1804	Transportin-1 OS=Or	38.70	0.00
TRINITY_sp|O627(CTNNBL1	Beta-catenin-like p	38.70	0.00
TRINITY_sp|Q9C6EGAMMACA2	Gamma carbonic anhy	38.70	0.00
TRINITY_sp|Q9SHUTIC21	Protein TIC 21, chl	38.70	0.00
TRINITY_sp|Q6NWIft122	Intraflagellar tran	38.70	0.00
TRINITY_sp|P189(ATP1A1	Sodium/potassium-tr	38.70	0.00
TRINITY_sp|O042(TIF3F1	Eukaryotic translat	38.70	0.00
TRINITY_sp|Q9M09NSF	Vesicle-fusing ATPa	38.70	0.00
TRINITY_sp|Q9STIAt3g4838	Probable Ufml-speci	38.70	0.00
TRINITY_sp|P4597USP5	Ubiquitin carboxyl-	38.70	0.00
TRINITY_sp|P0CB4Ylpm1	YLP motif-containin	38.70	0.00
TRINITY_sp|Q5BPIAt4g0667	Protein EI24 homolo	38.70	0.00
TRINITY_sp|Q8W3IMFDR	NADPH:adrenodoxin o	38.70	0.00
TRINITY_sp|Q8J1FTUBB2	Tubulin beta-2 chai	38.70	0.00
TRINITY_sp|Q54L5DDB_G028	G8 domain-containin	38.70	0.00
TRINITY_sp|Q8LQ3Os0lg085	Putative ataxin-3 h	38.70	0.00
TRINITY_sp|Q8IYHZZZ3	ZZ-type zinc finger	38.70	0.00
TRINITY_sp|P2864CLKR27	3-oxoacyl-[acyl-car	38.70	0.00
TRINITY_sp|Q7XT9AGO2	Protein argonaute 2	38.70	0.00
TRINITY_sp|P3702hrpB	ATP-dependent RNA h	38.70	0.00
TRINITY_sp|Q9SK2At2g3204	Folate-biopterin tr	38.70	0.00
TRINITY_sp|Q552MDDB_G027	Putative ZDHHC-type	38.70	0.00
TRINITY_sp|P0599-	Papaya proteinase 4	38.70	0.00
TRINITY_sp|O0421At2g4009	Putative ABC1 prote	38.70	0.00
TRINITY_sp|Q8699doka	Hybrid signal trans	38.70	0.00
TRINITY_sp|Q6QA3hsd17b12	Very-long-chain 3-o	38.70	0.00
TRINITY_sp|Q3957ODA2	Dynein gamma chain,	38.70	0.00
TRINITY_sp|Q9H27VPS11	Vacuolar protein so	38.70	0.00
TRINITY_sp|Q8GYRIN4	RPM1-interacting pr	38.70	0.00
TRINITY_sp|O598(SPCC550	Putative ATP-depend	38.60	0.00
TRINITY_sp|Q5572slr0642	Folate-biopterin tr	38.60	0.00
TRINITY_sp|G5EC9csk-1	Tyrosine-protein ki	38.60	0.00
TRINITY_sp|Q2417Slh	Protein sly1 homolo	38.60	0.00
TRINITY_sp|O9519RCBTB2	RCC1 and BTB domain	38.60	0.00
TRINITY_sp|Q55F1zswim7	Zinc finger SWIM do	38.60	0.00
TRINITY_sp|Q56WFSCPL48	Serine carboxypepti	38.60	0.00
TRINITY_sp|O8039MKK3	Mitogen-activated p	38.60	0.00
TRINITY_sp|P4971Hcls1	Hematopoietic linea	38.60	0.00
TRINITY_sp|Q96VHHBN1	Putative nitroreduc	38.60	0.00
TRINITY_sp|Q9LXIRLF	Cytochrome b5 domai	38.60	0.00
TRINITY_sp|Q8WYISSH1	Protein phosphatase	38.60	0.00
TRINITY_sp|Q6035MJ0044	Isopentenyl phospho	38.60	0.00
TRINITY_sp|O9429SPBC887	Probable phospholip	38.60	0.00
TRINITY_sp|Q28BFpitrm1	Presequence proteas	38.60	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	38.60	0.00
TRINITY_sp|C0SP9adhA	Probable formaldehy	38.60	0.00
TRINITY_sp|Q9LK9ALA8	Probable phospholip	38.60	0.00
TRINITY_sp|Q6411fam135b	Protein FAM135B OS=	38.60	0.00
TRINITY_sp|Q94E7SPP1	Probable sucrose-ph	38.60	0.00
TRINITY_sp|Q55C9vps16	Vacuolar protein so	38.60	0.00
TRINITY_sp|Q9FMFVAMP714	Vesicle-associated	38.60	0.00
TRINITY_sp|A7YWC9GH	Gamma-glutamyl hydr	38.60	0.00

TRINITY_sp|Q9WY6TM_0225	Putative 1-aminocyc	38.60	0.00
TRINITY_sp|Q4PJV_CYP51A1	Lanosterol 14-alpha	38.60	0.00
TRINITY_sp|P1097-	Retrovirus-related	38.60	0.00
TRINITY_sp|Q54E7gr1E	Metabotropic glutam	38.60	0.00
TRINITY_sp|O1498BTAF1	TATA-binding protei	38.60	0.00
TRINITY_sp|Q8T26DDB_G027	Putative ZDHHC-type	38.60	0.00
TRINITY_sp|A6TU6Amet_3638	8-amino-7-oxonono	38.60	0.00
TRINITY_sp|O4296SPBC119	Uncharacterized pro	38.60	0.00
TRINITY_sp|P1875RCC1	Regulator of chromo	38.60	0.00
TRINITY_sp|Q2XW6svop	Synaptic vesicle 2-	38.60	0.00
TRINITY_sp|Q2TAKIF19	Kinesin-like protei	38.60	0.00
TRINITY_sp|O3125alkB	Alkane 1-monooxygen	38.60	0.00
TRINITY_sp|Q9FP6UBP23	Ubiquitin carboxyl-	38.60	0.00
TRINITY_sp|Q17R6DHX38	Pre-mRNA-splicing f	38.60	0.00
TRINITY_sp|O6506CYSEP	Vignain OS=Ricinus	38.60	0.00
TRINITY_sp|Q84K6CCD	Carotenoid 9,10(9',	38.60	0.00
TRINITY_sp|Q95YIpefB	Penta-EF hand domai	38.60	0.00
TRINITY_sp|O6466At2g1896	Thioredoxin domain-	38.60	0.00
TRINITY_sp|Q5U26Arhgap24	Rho GTPase-activati	38.60	0.00
TRINITY_sp|Q6AXIHexb	Beta-hexosaminidase	38.60	0.00
TRINITY_sp|Q55GUDDB_G026	Probable serine/thr	38.60	0.00
TRINITY_sp|Q9D26Kif12	Kinesin-like protei	38.60	0.00
TRINITY_sp|O4376CYTH3	Cytohesin-3 OS=Homo	38.60	0.00
TRINITY_sp|Q84SI0s07g056	Zinc finger CCCH do	38.60	0.00
TRINITY_sp|Q3EAIAt3g6226	Probable protein ph	38.60	0.00
TRINITY_sp|Q9S76At3g0906	BTB/POZ domain-cont	38.60	0.00
TRINITY_sp|Q9LZ6STN8	Serine/threonine-pr	38.60	0.00
TRINITY_sp|Q54E6gaceE	Rho GTPase-activati	38.60	0.00
TRINITY_sp|Q9LW6HRD1A	ERAD-associated E3	38.60	0.00
TRINITY_sp|Q9SF6SYP71	Syntaxin-71 OS=Arab	38.60	0.00
TRINITY_sp|Q8R16Bud13	BUD13 homolog OS=Mu	38.60	0.00
TRINITY_sp|Q9ZW6PRN2	Pirin-like protein	38.60	0.00
TRINITY_sp|Q8R36Slf1	SMC5-SMC6 complex 1	38.60	0.00
TRINITY_sp|Q54K6eps15	Epidermal growth fa	38.60	0.00
TRINITY_sp|Q2NUIcdd	Cytidine deaminase	38.60	0.00
TRINITY_sp|Q9SU6SYP43	Syntaxin-43 OS=Arab	38.60	0.00
TRINITY_sp|Q8LP6PR1	Alpha-glucan water	38.60	0.00
TRINITY_sp|O1596CYCE	G1/S-specific cycli	38.60	0.00
TRINITY_sp|Q17Q6RAB30	Ras-related protein	38.50	0.00
TRINITY_sp|P5991DNAJB13	DnaJ homolog subfam	38.50	0.00
TRINITY_sp|Q5526pkgA	Probable serine/thr	38.50	0.00
TRINITY_sp|P3416ptpB	Tyrosine-protein ph	38.50	0.00
TRINITY_sp|Q0VA6wdr70	WD repeat-containin	38.50	0.00
TRINITY_sp|P6236CPK1	Calcium-dependent p	38.50	0.00
TRINITY_sp|A8WH6narfl	Cytosolic Fe-S clus	38.50	0.00
TRINITY_sp|P4706PRY1	Protein PRY1 OS=Sac	38.50	0.00
TRINITY_sp|Q0VC6PQLC1	PQ-loop repeat-cont	38.50	0.00
TRINITY_sp|O9556SFT2D2	Vesicle transport p	38.50	0.00
TRINITY_sp|Q9CQ6Lztr1	Leucine-zipper-like	38.50	0.00
TRINITY_sp|O8231At2g2576	Probably inactive 1	38.50	0.00
TRINITY_sp|Q5M86Hsd17b16	17-beta-hydroxyster	38.50	0.00
TRINITY_sp|O5826gck	Glycerate 2-kinase	38.50	0.00
TRINITY_sp|D0PV6laf-1	ATP-dependent RNA h	38.50	0.00
TRINITY_sp|P2176EPHA1	Ephrin type-A recep	38.50	0.00
TRINITY_sp|P1096ugpQ	Glycerophosphoryl d	38.50	0.00
TRINITY_sp|Q91W6Txndc5	Thioredoxin domain-	38.50	0.00

TRINITY_sp|Q5056fdhC	Probable formate tr	38.50	0.00
TRINITY_sp|Q9FG3SNX1	Sorting nexin 1 OS=	38.50	0.00
TRINITY_sp|Q70Gf3sed3	Tripeptidyl-peptida	38.50	0.00
TRINITY_sp|Q3S47AHK5	Histidine kinase 5	38.50	0.00
TRINITY_sp|Q86H3polr1a	DNA-directed RNA po	38.50	0.00
TRINITY_sp|Q1968F21D5.5	Uncharacterized pro	38.50	0.00
TRINITY_sp|Q54Y7mecr	Trans-2-enoyl-CoA r	38.50	0.00
TRINITY_sp|A5DW1PAB1	Polyadenylate-bindi	38.50	0.00
TRINITY_sp|Q4G03KCTD21	BTB/POZ domain-cont	38.50	0.00
TRINITY_sp|Q8107Ddx42	ATP-dependent RNA h	38.50	0.00
TRINITY_sp|Q5HZ1sirt5-a	NAD-dependent prote	38.50	0.00
TRINITY_sp|Q9SL7Os05g015	Importin subunit al	38.50	0.00
TRINITY_sp|P2577Os04g065	Oryzain alpha chain	38.50	0.00
TRINITY_sp|Q557cabpE-1	Drebrin-like protei	38.50	0.00
TRINITY_sp|Q59YIESF2	Pre-rRNA-processing	38.50	0.00
TRINITY_sp|Q9FFFDGK2	Diacylglycerol kina	38.50	0.00
TRINITY_sp|Q3SZ3MED6	Mediator of RNA pol	38.50	0.00
TRINITY_sp|Q54LIDDB_G028	Lipid droplet-assoc	38.50	0.00
TRINITY_sp|Q5677ch25hl1	Cholesterol 25-hydr	38.50	0.00
TRINITY_sp|Q1LVEsf3b3	Splicing factor 3B	38.50	0.00
TRINITY_sp|Q9M33LCB2b	Long chain base bio	38.50	0.00
TRINITY_sp|Q7XI4URA6	UMP-CMP kinase 3 OS	38.50	0.00
TRINITY_sp|Q3SW1NOSIP	Nitric oxide syntha	38.50	0.00
TRINITY_sp|Q1ZXHgxcDD	Guanine exchange fa	38.50	0.00
TRINITY_sp|Q8CH1Sgpl1	Sphingosine-1-phosp	38.50	0.00
TRINITY_sp|Q8L71NUP62	Nuclear pore comple	38.50	0.00
TRINITY_sp|Q7PQVAGAP0023	ADP,ATP carrier pro	38.50	0.00
TRINITY_sp|Q96A1TTC28	Tetratricopeptide r	38.50	0.00
TRINITY_sp|Q54TmdrkD	Probable serine/thr	38.50	0.00
TRINITY_sp|P3311spaR	Transcriptional reg	38.50	0.00
TRINITY_sp|Q9BZ1PUS3	tRNA pseudouridine(	38.50	0.00
TRINITY_sp|Q9XZ1-	Guanine nucleotide-	38.50	0.00
TRINITY_sp|Q6144p38b	Mitogen-activated p	38.50	0.00
TRINITY_sp|Q6318Eif2ak2	Interferon-induced,	38.50	0.00
TRINITY_sp|Q5UQC(MIMI_R81	Putative serine/thr	38.50	0.00
TRINITY_sp|Q1ZXHgxcDD	Guanine exchange fa	38.50	0.00
TRINITY_sp|Q6TC4SRY	Sex-determining reg	38.50	0.00
TRINITY_sp|Q6Q47Atp2b4	Plasma membrane cal	38.50	0.00
TRINITY_sp|Q9ER1ORF11	Probable ergosterol	38.50	0.00
TRINITY_sp|Q8277soxA	Monomeric sarcosine	38.50	0.00
TRINITY_sp|Q7Y01SAPK8	Serine/threonine-pr	38.50	0.00
TRINITY_sp|Q9CQ3Riok2	Serine/threonine-pr	38.50	0.00
TRINITY_sp|A8IC3CFAP46	Cilia- and flagella	38.50	0.00
TRINITY_sp|Q95P1dhkC	Hybrid signal trans	38.50	0.00
TRINITY_sp|Q9493MOS4	Pre-mRNA-splicing f	38.50	0.00
TRINITY_sp|Q9LZ3BIG2	Brefeldin A-inhibit	38.50	0.00
TRINITY_sp|Q6CX3SET5	Potential protein l	38.50	0.00
TRINITY_sp|Q8LEM CBL3	Calcineurin B-like	38.40	0.00
TRINITY_sp|Q3M87sasa	Adaptive-response s	38.40	0.00
TRINITY_sp|Q8ML2pdeD	cGMP-dependent 3',5	38.40	0.00
TRINITY_sp|Q5FW1mmcm6	Maternal DNA replic	38.40	0.00
TRINITY_sp|Q5RC3GLRX2	Glutaredoxin-2, mit	38.40	0.00
TRINITY_sp|Q54Y1snfA	5'-AMP-activated se	38.40	0.00
TRINITY_sp|Q9D08Alg14	UDP-N-acetylglucosa	38.40	0.00
TRINITY_sp|Q54Y1dhkB	Hybrid signal trans	38.40	0.00
TRINITY_sp|Q9J11Ercc612	DNA excision repair	38.40	0.00

TRINITY_sp|Q84LMVPE1	Vacuolar-processing	38.40	0.00
TRINITY_sp|P5492Napa	Alpha-soluble NSF a	38.40	0.00
TRINITY_sp|Q2M38KIAA1033	WASH complex subuni	38.40	0.00
TRINITY_sp|P1423Fgr	Tyrosine-protein ki	38.40	0.00
TRINITY_sp|Q9ZRICAD	Probable mannitol d	38.40	0.00
TRINITY_sp|Q54VDDDB_G028	Probable serine/thr	38.40	0.00
TRINITY_sp|P3413ptpB	Tyrosine-protein ph	38.40	0.00
TRINITY_sp|O1518CETN3	Centrin-3 OS=Homo s	38.40	0.00
TRINITY_sp|Q6CGIYALI0A18	Acyl-protein thioes	38.40	0.00
TRINITY_sp|Q8BUVGpr107	Protein GPR107 OS=M	38.40	0.00
TRINITY_sp|Q0QLHmii	3-methylitaconate i	38.40	0.00
TRINITY_sp|O8038FPG1	Formamidopyrimidine	38.40	0.00
TRINITY_sp|Q54M1mkcA	Probable serine/thr	38.40	0.00
TRINITY_sp|Q0U61LAP1	Leucine aminopeptid	38.40	0.00
TRINITY_sp|Q7X61MMD1	PHD finger protein	38.40	0.00
TRINITY_sp|Q8LP8LACS6	Long chain acyl-CoA	38.40	0.00
TRINITY_sp|P0A21ucpA	Oxidoreductase UcpA	38.40	0.00
TRINITY_sp|Q66G1PRORP1	Proteinaceous RNase	38.40	0.00
TRINITY_sp|Q9SJUGC1	Epimerase family pr	38.40	0.00
TRINITY_sp|Q7571HUL4	Probable E3 ubiquit	38.40	0.00
TRINITY_sp|P0CO1GEM1	Mitochondrial Rho G	38.40	0.00
TRINITY_sp|P448(HI_0658	Uncharacterized ABC	38.40	0.00
TRINITY_sp|P5778ALA12	Probable phospholip	38.40	0.00
TRINITY_sp|O605(CDC40	Pre-mRNA-processing	38.40	0.00
TRINITY_sp|P189(ATP1A1	Sodium/potassium-tr	38.40	0.00
TRINITY_sp|B8AJ(BASS4	Probable sodium/met	38.40	0.00
TRINITY_sp|Q9FL(MRS2-2	Magnesium transport	38.40	0.00
TRINITY_sp|Q9VR8HERC2	Probable E3 ubiquit	38.40	0.00
TRINITY_sp|Q6IA8NADSYN1	Glutamine-dependent	38.40	0.00
TRINITY_sp|Q9P21HIFT80	Intraflagellar tran	38.40	0.00
TRINITY_sp|Q9HD1SPAPB1A1	Putative ATP-depend	38.40	0.00
TRINITY_sp|Q1ZX1gxcDD	Guanine exchange fa	38.40	0.00
TRINITY_sp|Q08C8crnf44	RING finger protein	38.40	0.00
TRINITY_sp|Q9ZU8BAT1	Amino-acid permease	38.40	0.00
TRINITY_sp|Q54VDDDB_G028	Probable serine/thr	38.40	0.00
TRINITY_sp|Q9FF8VPS36	Vacuolar protein so	38.40	0.00
TRINITY_sp|B5BT1BTAF1	TATA-binding protei	38.40	0.00
TRINITY_sp|Q2662KAP115	Kinesin-associated	38.40	0.00
TRINITY_sp|Q9US8mug71	Diphthine--ammonia	38.40	0.00
TRINITY_sp|Q4364-	NADH dehydrogenase	38.40	0.00
TRINITY_sp|Q5SLM1TTHA0270	Thermostable carbox	38.40	0.00
TRINITY_sp|Q9SQ1EMB3004	Bifunctional 3-dehy	38.40	0.00
TRINITY_sp|Q9SYM1VTE6	Protein VTE6, chlor	38.40	0.00
TRINITY_sp|Q0IZ8PHT4;5	Probable anion tran	38.40	0.00
TRINITY_sp|Q55E4dhkE	Hybrid signal trans	38.30	0.00
TRINITY_sp|Q54Y1dhkB	Hybrid signal trans	38.30	0.00
TRINITY_sp|D9HP2CNR11	Cell number regulat	38.30	0.00
TRINITY_sp|Q5BI1DUSP18	Dual specificity pr	38.30	0.00
TRINITY_sp|Q7T01lamtor3-	Ragulator complex p	38.30	0.00
TRINITY_sp|P4471HI_0454	Uncharacterized met	38.30	0.00
TRINITY_sp|Q7XA8FOLT1	Folate transporter	38.30	0.00
TRINITY_sp|Q54V(abcC15	ABC transporter C f	38.30	0.00
TRINITY_sp|Q0DA8Os06g067	Zinc finger CCCH do	38.30	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	38.30	0.00
TRINITY_sp|F4JT1STY46	Serine/threonine-pr	38.30	0.00
TRINITY_sp|Q1824rap-1	Ras-related protein	38.30	0.00

TRINITY_sp|Q4R6{AMZ2	Archaemetzincin-2 O	38.30	0.00
TRINITY_sp|Q8TC{RDH11	Retinol dehydrogena	38.30	0.00
TRINITY_sp|P266{Sos	Protein son of seve	38.30	0.00
TRINITY_sp|E0X9{ctodS	Sensor histidine ki	38.30	0.00
TRINITY_sp|E1BF{MASTL	Serine/threonine-pr	38.30	0.00
TRINITY_sp|A1A4{PRORS1	Prolyl-tRNA synthet	38.30	0.00
TRINITY_sp|Q5RJ{Ftsj3	pre-rRNA processing	38.30	0.00
TRINITY_sp|P324{GBP2	Guanylate-binding p	38.30	0.00
TRINITY_sp|Q8L7{SCPL20	Serine carboxypepti	38.30	0.00
TRINITY_sp|P388{NMD3	60S ribosomal expor	38.30	0.00
TRINITY_sp|Q8BQ{Adipor2	Adiponectin recepto	38.30	0.00
TRINITY_sp|A0LE{dapL	LL-diaminopimelate	38.30	0.00
TRINITY_sp|O076{yhfo	Uncharacterized N-a	38.30	0.00
TRINITY_sp|Q9LD{BI-1	Bax inhibitor 1 OS=	38.30	0.00
TRINITY_sp|O487{SPX2	SPX domain-containi	38.30	0.00
TRINITY_sp|Q9CA{LPLAT2	Lysophospholipid ac	38.30	0.00
TRINITY_sp|Q9JL{Pnkp	Bifunctional polynu	38.30	0.00
TRINITY_sp|Q54F{gacJJ	Rho GTPase-activati	38.30	0.00
TRINITY_sp|Q86H{cf45-1	Counting factor 45-	38.30	0.00
TRINITY_sp|Q55G{abkC	Probable serine/thr	38.30	0.00
TRINITY_sp|Q9WT{Cdy1	Chromodomain Y-like	38.30	0.00
TRINITY_sp|Q54W{DDB_G027	Sestrin homolog OS=	38.30	0.00
TRINITY_sp|Q9Y5{GTF3C3	General transcripti	38.30	0.00
TRINITY_sp|Q54V{DDB_G028	Serine carboxypepti	38.30	0.00
TRINITY_sp|Q96R{CAMKK2	Calcium/calmodulin-	38.30	0.00
TRINITY_sp|Q563{cheY	Chemotaxis protein	38.30	0.00
TRINITY_sp|Q500{PAT15	Probable protein S-	38.30	0.00
TRINITY_sp|Q9SA{At1g1178	Alpha-ketoglutarate	38.30	0.00
TRINITY_sp|Q8ND{IAGBL5	Cytosolic carboxype	38.30	0.00
TRINITY_sp|Q54G{ctdsp12	CTD small phosphata	38.30	0.00
TRINITY_sp|F4IL{KIN14I	Kinesin-like protei	38.30	0.00
TRINITY_sp|Q54G{pex1	Peroxisome biogenes	38.30	0.00
TRINITY_sp|O946{ptr3	Ubiquitin-activatin	38.30	0.00
TRINITY_sp|Q3UM{Lsg1	Large subunit GTPas	38.30	0.00
TRINITY_sp|O044{FCA	Flowering time cont	38.30	0.00
TRINITY_sp|Q9W1{FCG5532	Transmembrane prote	38.30	0.00
TRINITY_sp|Q6DH{slc25a40	Solute carrier fami	38.30	0.00
TRINITY_sp|Q4N4{TP02_060	Thioredoxin domain-	38.30	0.00
TRINITY_sp|P0DM{Fer115	Fer-1-like protein	38.30	0.00
TRINITY_sp|O550{Trdmt1	tRNA (cytosine(38)-	38.30	0.00
TRINITY_sp|Q5CC{petC-1	Cytochrome b6-f com	38.30	0.00
TRINITY_sp|Q6A9{pgk	Phosphoglycerate ki	38.30	0.00
TRINITY_sp|Q9SJ{AGO5	Protein argonaute 5	38.30	0.00
TRINITY_sp|P129{PEPD	Xaa-Pro dipeptidase	38.30	0.00
TRINITY_sp|Q16N{Art7	Protein arginine N-	38.30	0.00
TRINITY_sp|Q8T7{alxA	ALG-2 interacting p	38.30	0.00
TRINITY_sp|Q8BV{Trank1	TPR and ankyrin rep	38.30	0.00
TRINITY_sp|O804{At1g0916	Probable protein ph	38.30	0.00
TRINITY_sp|Q6P4{Lcmt1	Leucine carboxyl me	38.30	0.00
TRINITY_sp|P189{ATP1A1	Sodium/potassium-tr	38.30	0.00
TRINITY_sp|Q8LL{CPL3	RNA polymerase II C	38.30	0.00
TRINITY_sp|Q996{DNAJC7	DnaJ homolog subfam	38.30	0.00
TRINITY_sp|Q88R{davT	5-aminovalerate ami	38.30	0.00
TRINITY_sp|Q501{pskh1	Serine/threonine-pr	38.30	0.00
TRINITY_sp|Q3E9{CPK34	Calcium-dependent p	38.30	0.00
TRINITY_sp|Q7XA{IRSH2	Probable GTP diphos	38.30	0.00

TRINITY_sp|Q9938	HRP1	Nuclear polyadenyla	38.30	0.00
TRINITY_sp|Q0WW1	STR11	Rhodanese-like doma	38.30	0.00
TRINITY_sp|Q8I7I	pol	Retrovirus-related	38.30	0.00
TRINITY_sp|Q3T07	TPPP2	Tubulin polymerizat	38.30	0.00
TRINITY_sp|A2QC4	An02g035	Very-long-chain 3-o	38.30	0.00
TRINITY_sp|Q7Z62	HUWE1	E3 ubiquitin-protei	38.20	0.00
TRINITY_sp|P3640	rab2A	Ras-related protein	38.20	0.00
TRINITY_sp|O6444	RMA1	E3 ubiquitin-protei	38.20	0.00
TRINITY_sp|Q9033	FGFR4	Fibroblast growth f	38.20	0.00
TRINITY_sp|Q8CF0	Aqr	Intron-binding prot	38.20	0.00
TRINITY_sp|O0180	rab-11.1	Ras-related protein	38.20	0.00
TRINITY_sp|Q9LT7	RDL2	Probable cysteine p	38.20	0.00
TRINITY_sp|Q2HVM	trDRAF1	Putative N6-adenosi	38.20	0.00
TRINITY_sp|Q9169	epha4-b	Ephrin type-A recep	38.20	0.00
TRINITY_sp|Q0VCC	PQLC1	PQ-loop repeat-cont	38.20	0.00
TRINITY_sp|Q6NX0	ESRP1	Epithelial splicing	38.20	0.00
TRINITY_sp|Q54Q0	commd3	COMM domain-contain	38.20	0.00
TRINITY_sp|P9817	XIAP	E3 ubiquitin-protei	38.20	0.00
TRINITY_sp|P5517	-	Hydrolase in pqqF 5	38.20	0.00
TRINITY_sp|P4270	GSTF10	Glutathione S-trans	38.20	0.00
TRINITY_sp|O9545	PSMG1	Proteasome assembly	38.20	0.00
TRINITY_sp|P3410	SODB	Superoxide dismutas	38.20	0.00
TRINITY_sp|P2834	acu-9	Malate synthase, gl	38.20	0.00
TRINITY_sp|P4325	COP1	E3 ubiquitin-protei	38.20	0.00
TRINITY_sp|Q9M88	PMI1	Mannose-6-phosphate	38.20	0.00
TRINITY_sp|Q54Q0	sphr2aB	Serine/threonine-pr	38.20	0.00
TRINITY_sp|Q6X47	CIPK31	CBL-interacting pro	38.20	0.00
TRINITY_sp|Q94A0	CUL1	Cullin-1 OS=Arabido	38.20	0.00
TRINITY_sp|A8IW5	CHLREDR1	Mitochondrial cardi	38.20	0.00
TRINITY_sp|Q5VX0	LIPK	Lipase member K OS=	38.20	0.00
TRINITY_sp|Q55G0	pakC	Serine/threonine-pr	38.20	0.00
TRINITY_sp|Q55E4	mcfE	Mitochondrial subst	38.20	0.00
TRINITY_sp|Q6IV0	ssh	Protein phosphatase	38.20	0.00
TRINITY_sp|Q4U20	Herc2	E3 ubiquitin-protei	38.20	0.00
TRINITY_sp|A8LV0	kmo	Kynurenine 3-monoox	38.20	0.00
TRINITY_sp|Q9LX0	CSY2	Citrate synthase 2,	38.20	0.00
TRINITY_sp|Q9LE0	IRE	Probable serine/thr	38.20	0.00
TRINITY_sp|P2360	ATP2B4	Plasma membrane cal	38.20	0.00
TRINITY_sp|Q9NV0	TYW1	S-adenosyl-L-methio	38.20	0.00
TRINITY_sp|A2YR1	ARP4	Actin-related prote	38.20	0.00
TRINITY_sp|Q6DF0	coq6	Ubiquinone biosynth	38.20	0.00
TRINITY_sp|Q8BM1	Lipk	Lipase member K OS=	38.20	0.00
TRINITY_sp|Q8RVI	DEK1	Calpain-type cystei	38.20	0.00
TRINITY_sp|Q9S7I	MYB98	Transcription facto	38.20	0.00
TRINITY_sp|Q9LD0	BETAA-AI	Beta-adaptin-like p	38.20	0.00
TRINITY_sp|Q9M90	CSTF64	Cleavage stimulin	38.20	0.00
TRINITY_sp|Q6VN1	Ranbp10	Ran-binding protein	38.20	0.00
TRINITY_sp|Q9SK0	RAP2-7	Ethylene-responsive	38.20	0.00
TRINITY_sp|P1431	Mp20	Muscle-specific pro	38.20	0.00
TRINITY_sp|P4037	ptc1	Protein phosphatase	38.20	0.00
TRINITY_sp|Q3SY0	TNPO1	Transportin-1 OS=Bo	38.20	0.00
TRINITY_sp|Q3940	VH-PTP10	Dual specificity pr	38.20	0.00
TRINITY_sp|Q9XY1	fcfA	Probable C-terminal	38.20	0.00
TRINITY_sp|Q9H80	VCPKMT	Protein-lysine meth	38.20	0.00
TRINITY_sp|P2881	Rasgrf1	Ras-specific guanin	38.20	0.00
TRINITY_sp|P6234	CPK1	Calcium-dependent p	38.20	0.00

TRINITY_sp|Q8R5I|Vps39	Vam6/Vps39-like pro	38.20	0.00
TRINITY_sp|Q9C6I|LHCA5	Photosystem I chlor	38.20	0.00
TRINITY_sp|Q103I|SPBC582	Uncharacterized ATP	38.20	0.00
TRINITY_sp|Q8RU9|ATG9	Autophagy-related p	38.20	0.00
TRINITY_sp|Q9CXI|Kdm8	Lysine-specific dem	38.20	0.00
TRINITY_sp|Q8IU8|CAMK1D	Calcium/calmodulin-	38.20	0.00
TRINITY_sp|P464I|GST1	Glutathione S-trans	38.20	0.00
TRINITY_sp|Q58D5|GLB1	Beta-galactosidase	38.20	0.00
TRINITY_sp|Q8CGI|Abcc1	Multidrug resistanc	38.20	0.00
TRINITY_sp|O7478|cho2	Phosphatidylethanol	38.20	0.00
TRINITY_sp|Q54S5|vps15	Probable serine/thr	38.20	0.00
TRINITY_sp|P5435|DNAPol-c	DNA polymerase delt	38.20	0.00
TRINITY_sp|Q9KLI|luxQ	Autoinducer 2 senso	38.20	0.00
TRINITY_sp|Q8INI|Gyc88E	Soluble guanylate c	38.20	0.00
TRINITY_sp|Q5558|gabD	Probable succinate-	38.20	0.00
TRINITY_sp|Q8VEIM|tmr14	Myotubularin-relate	38.20	0.00
TRINITY_sp|Q9P2I|DNAH1	Dynein heavy chain	38.20	0.00
TRINITY_sp|Q9FVI|AGD12	ADP-ribosylation fa	38.20	0.00
TRINITY_sp|Q8RXI|ATL6	E3 ubiquitin-protei	38.20	0.00
TRINITY_sp|Q0VFI|kctd7	BTB/POZ domain-cont	38.20	0.00
TRINITY_sp|P982I|ALA1	Phospholipid-transp	38.20	0.00
TRINITY_sp|Q6ZKI|BIO3-BI	Bifunctional dethio	38.20	0.00
TRINITY_sp|Q86XI|FBXO11	F-box only protein	38.20	0.00
TRINITY_sp|Q6K6I|Os02g075	Leucine aminopeptid	38.20	0.00
TRINITY_sp|Q4R6I|IQUB	IQ and ubiquitin-li	38.20	0.00
TRINITY_sp|Q1RMI|SYS1	Protein SYS1 homolo	38.20	0.00
TRINITY_sp|Q59TI|TRM5	tRNA (guanine(37)-N	38.10	0.00
TRINITY_sp|P571I|(-	Glutathione S-trans	38.10	0.00
TRINITY_sp|P355I|AGL	Glycogen debranchin	38.10	0.00
TRINITY_sp|Q4WGI|ddi1	DNA damage-inducibl	38.10	0.00
TRINITY_sp|P040I|GBA	Glucosylceramidase	38.10	0.00
TRINITY_sp|Q6I6I|PSS2	CDP-diacylglycerol-	38.10	0.00
TRINITY_sp|Q84YI|CXIP4	CAX-interacting pro	38.10	0.00
TRINITY_sp|C0SP7|adhA	Probable formaldehy	38.10	0.00
TRINITY_sp|Q9P8I|(trm1	tRNA (guanine(26)-N	38.10	0.00
TRINITY_sp|Q8VZI|FZR1	Protein FIZZY-RELAT	38.10	0.00
TRINITY_sp|P623I|CPK1	Calcium-dependent p	38.10	0.00
TRINITY_sp|P804I|AOX1	Aldehyde oxidase 1	38.10	0.00
TRINITY_sp|O882I|Abcc6	Multidrug resistanc	38.10	0.00
TRINITY_sp|O140I|(mak2	Peroxide stress-act	38.10	0.00
TRINITY_sp|Q9SDI|At3g5111	UPF0183 protein At3	38.10	0.00
TRINITY_sp|Q6NWI|spast	Spastin OS=Danio re	38.10	0.00
TRINITY_sp|Q6PGI|maf1	Repressor of RNA po	38.10	0.00
TRINITY_sp|Q55AI|snrnp40	U5 small nuclear ri	38.10	0.00
TRINITY_sp|Q9XII|At1g5975	Putative cullin-lik	38.10	0.00
TRINITY_sp|Q2KJI|PHKG2	Phosphorylase b kin	38.10	0.00
TRINITY_sp|Q96RI|IFT140	Intraflagellar tran	38.10	0.00
TRINITY_sp|Q28GI|uba2	SUMO-activating enz	38.10	0.00
TRINITY_sp|Q9Z0I|Lipa	Lysosomal acid lipa	38.10	0.00
TRINITY_sp|Q96BI|ALKBH8	Alkylated DNA repai	38.10	0.00
TRINITY_sp|Q9C6I|CPK33	Calcium-dependent p	38.10	0.00
TRINITY_sp|Q389I|KIN10	SNF1-related protei	38.10	0.00
TRINITY_sp|Q105I|CPSF1	Cleavage and polyad	38.10	0.00
TRINITY_sp|Q54TI|drkD	Probable serine/thr	38.10	0.00
TRINITY_sp|Q9MI2|IRH52	DEAD-box ATP-depend	38.10	0.00
TRINITY_sp|Q9W0I|NaCP60E	Sodium channel prot	38.10	0.00

TRINITY_sp|Q6IQ2NAPEPLD	N-acyl-phosphatidyl	38.10	0.00
TRINITY_sp|Q6AXURnf181	E3 ubiquitin-protei	38.10	0.00
TRINITY_sp|P3518PTC1	Protein phosphatase	38.10	0.00
TRINITY_sp|P4773RAP1GAP	Rap1 GTPase-activat	38.10	0.00
TRINITY_sp|O7055CYP3A31	Cytochrome P450 3A3	38.10	0.00
TRINITY_sp|Q68J4LIPE	Hormone-sensitive l	38.10	0.00
TRINITY_sp|Q5PRIcsnk1g1	Casein kinase I iso	38.10	0.00
TRINITY_sp|Q9D18Cfap57	Cilia- and flagella	38.10	0.00
TRINITY_sp|Q6NZ5Ddx31	Probable ATP-depend	38.10	0.00
TRINITY_sp|F4JCU\SUA	SUPPRESSOR OF ABI3-	38.10	0.00
TRINITY_sp|A7HZ7rpsM	30S ribosomal prote	38.10	0.00
TRINITY_sp|Q54Sfdhkd	Hybrid signal trans	38.10	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	38.10	0.00
TRINITY_sp|Q5JJJ\TOM20	Probable mitochondr	38.10	0.00
TRINITY_sp|Q9SII\ALKBH2	DNA oxidative demet	38.10	0.00
TRINITY_sp|Q8AV8btd	Biotinidase OS=Taki	38.10	0.00
TRINITY_sp|P0CZ2ACX3	Acyl-coenzyme A oxi	38.10	0.00
TRINITY_sp|Q9M3FHMA1	Probable cadmium/zi	38.10	0.00
TRINITY_sp|P4781-	Eukaryotic translat	38.10	0.00
TRINITY_sp|Q9C0F\ARHGAP35	Rho GTPase-activati	38.10	0.00
TRINITY_sp|P4268SRK2	Tyrosine-protein ki	38.10	0.00
TRINITY_sp|Q54V\DDB_G028	Probable serine/thr	38.10	0.00
TRINITY_sp|Q2RAC\CYCT1-3	Cyclin-T1-3 OS=Oryz	38.10	0.00
TRINITY_sp|Q9LZ2CAT6	Cationic amino acid	38.10	0.00
TRINITY_sp|Q6NYH\mem208	Transmembrane prote	38.10	0.00
TRINITY_sp|Q1255agdA	Alpha-glucosidase O	38.00	0.00
TRINITY_sp|Q9XF7cardA	Procardosin-A OS=Cy	38.00	0.00
TRINITY_sp|Q9P8(mis18	Kinetochoe protein	38.00	0.00
TRINITY_sp|Q55Gf\roco7	Probable serine/thr	38.00	0.00
TRINITY_sp|P2817pkgB	Protein kinase 2 OS	38.00	0.00
TRINITY_sp|Q54Vf\rsad1	Radical S-adenosyl	38.00	0.00
TRINITY_sp|Q54Gf\ctdsp12	CTD small phosphata	38.00	0.00
TRINITY_sp|Q8K4f\Nsun5	Probable 28S rRNA (	38.00	0.00
TRINITY_sp|Q5854nudF	ADP-ribose pyrophos	38.00	0.00
TRINITY_sp|Q84Xf\ETN8	Equilibrative nucle	38.00	0.00
TRINITY_sp|B9G27Os09g024	Auxin transport pro	38.00	0.00
TRINITY_sp|Q5UPf\MIMI_R61	Putative band 7 fam	38.00	0.00
TRINITY_sp|P462(usf	Protein usf OS=Aqui	38.00	0.00
TRINITY_sp|G5ECf\cck-1	Tyrosine-protein ki	38.00	0.00
TRINITY_sp|Q9278STAM	Signal transducing	38.00	0.00
TRINITY_sp|Q0BUf\engB	Probable GTP-bindin	38.00	0.00
TRINITY_sp|Q5JK5Os01g095	Probable NAD kinase	38.00	0.00
TRINITY_sp|C9WMM-	Venom serine carbox	38.00	0.00
TRINITY_sp|P5156AFC3	Serine/threonine-pr	38.00	0.00
TRINITY_sp|Q8BF5Asnsd1	Asparagine syntheta	38.00	0.00
TRINITY_sp|P2873MSP1	Protein MSP1 OS=Sac	38.00	0.00
TRINITY_sp|Q8IXf\PPIL6	Peptidyl-prolyl cis	38.00	0.00
TRINITY_sp|Q2R2f\IKIN7L	Kinesin-like protei	38.00	0.00
TRINITY_sp|P169f\Pka-C3	Protein kinase DC2	38.00	0.00
TRINITY_sp|Q9173ephb1-b	Ephrin type-B recep	38.00	0.00
TRINITY_sp|Q7TXf\Mb2977	Trans-acting enoyl	38.00	0.00
TRINITY_sp|Q8TEf\RHBD1	Rhomboid-related pr	38.00	0.00
TRINITY_sp|Q9CAf\PEX2	Peroxisome biogenes	38.00	0.00
TRINITY_sp|P462(MYB	Transcriptional act	38.00	0.00
TRINITY_sp|Q8R15Znfx1	NFX1-type zinc fing	38.00	0.00
TRINITY_sp|Q641f\Hexa	Beta-hexosaminidase	38.00	0.00

TRINITY_sp|B1I1|rp1D	50S ribosomal prote	38.00	0.00
TRINITY_sp|P395|DRS2	Probable phospholip	38.00	0.00
TRINITY_sp|Q54I|shkB	Dual specificity pr	38.00	0.00
TRINITY_sp|O884|Aurkc	Aurora kinase C OS=	38.00	0.00
TRINITY_sp|A7SDV|v1g1694|	Eukaryotic translat	38.00	0.00
TRINITY_sp|Q9SR|BIG	Auxin transport pro	38.00	0.00
TRINITY_sp|Q8H2|Os07g02|	Glycerol-3-phosphat	38.00	0.00
TRINITY_sp|Q9SZ|PAA1	Copper-transporting	38.00	0.00
TRINITY_sp|P049|cprA	Cysteine proteinase	38.00	0.00
TRINITY_sp|Q207|atad-3	ATPase family AAA d	38.00	0.00
TRINITY_sp|Q96N|GUCD1	Protein GUCD1 OS=Ho	38.00	0.00
TRINITY_sp|Q55D|abcG22	ABC transporter G f	38.00	0.00
TRINITY_sp|P400|TPA1	Prolyl 3,4-dihydrox	38.00	0.00
TRINITY_sp|P123|GLRX	Glutaredoxin-1 OS=S	38.00	0.00
TRINITY_sp|P0C7|DA1	Protein DA1 OS=Arab	38.00	0.00
TRINITY_sp|O212|RPL14	60S ribosomal prote	38.00	0.00
TRINITY_sp|Q3MI|PUS10	Putative tRNA pseud	38.00	0.00
TRINITY_sp|Q8VZ|SUVH6	Histone-lysine N-me	38.00	0.00
TRINITY_sp|P041|Myb	Myb protein OS=Dros	38.00	0.00
TRINITY_sp|Q8LB|CYCU3-1	Cyclin-U3-1 OS=Arab	38.00	0.00
TRINITY_sp|Q9SI|TTM3	Triphosphate tunel	38.00	0.00
TRINITY_sp|P374|alkB	Alpha-ketoglutarate	38.00	0.00
TRINITY_sp|P395|DRS2	Probable phospholip	38.00	0.00
TRINITY_sp|Q9FN|UVR8	Ultraviolet-B recep	38.00	0.00
TRINITY_sp|Q9C9|CEL3	Endoglucanase 9 OS=	38.00	0.00
TRINITY_sp|Q0W5|alaS	Alanine--tRNA ligas	38.00	0.00
TRINITY_sp|Q9M9|SRK2C	Serine/threonine-pr	38.00	0.00
TRINITY_sp|Q8LP|At3g199|	E3 ubiquitin-protei	37.90	0.00
TRINITY_sp|Q9UT|pub2	E3 ubiquitin-protei	37.90	0.00
TRINITY_sp|P531|GUP1	Glycerol uptake pro	37.90	0.00
TRINITY_sp|O449|C34B2.1|	Probable signal pep	37.90	0.00
TRINITY_sp|P357|-	Venom allergen 3 OS	37.90	0.00
TRINITY_sp|Q63Z|-	UPF0568 protein C14	37.90	0.00
TRINITY_sp|Q5XH|slc25a2|	Calcium-binding mit	37.90	0.00
TRINITY_sp|Q4P9|CCR4	Glucose-repressible	37.90	0.00
TRINITY_sp|Q964|ORM1	Protein ORM1 OS=Sac	37.90	0.00
TRINITY_sp|Q99K|Usp11	Ubiquitin carboxyl-	37.90	0.00
TRINITY_sp|Q2TB|COG8	Conserved oligomeri	37.90	0.00
TRINITY_sp|A5PK|METTL13	Methyltransferase-1	37.90	0.00
TRINITY_sp|Q9QY|DnaJ2	DnaJ homolog subfam	37.90	0.00
TRINITY_sp|Q8BY|Trmt13	tRNA:m(4)X modifica	37.90	0.00
TRINITY_sp|Q420|ABCC2	ABC transporter C f	37.90	0.00
TRINITY_sp|P190|GNAT2	Guanine nucleotide-	37.90	0.00
TRINITY_sp|Q953|MANBA	Beta-mannosidase OS	37.90	0.00
TRINITY_sp|Q6V4|10HGO	8-hydroxygeraniol d	37.90	0.00
TRINITY_sp|Q004|pho2	4-nitrophenylphosph	37.90	0.00
TRINITY_sp|Q8W4|PTC52	Protochlorophyllide	37.90	0.00
TRINITY_sp|Q9N5|cdc-73	Cell division cycle	37.90	0.00
TRINITY_sp|Q8II|PF11_01|	Probable cathepsin	37.90	0.00
TRINITY_sp|P176|ypt2	GTP-binding protein	37.90	0.00
TRINITY_sp|Q2QN|CYCA3-2	Cyclin-A3-2 OS=Oryz	37.90	0.00
TRINITY_sp|Q9LD|BETAA-AI	Beta-adaptin-like p	37.90	0.00
TRINITY_sp|Q9FP|UBP15	Ubiquitin carboxyl-	37.90	0.00
TRINITY_sp|A6W2|betB	NAD/NADP-dependent	37.90	0.00
TRINITY_sp|Q9S7|HSP70-1|	Heat shock 70 kDa p	37.90	0.00
TRINITY_sp|Q9FE|SRT1	NAD-dependent prote	37.90	0.00

TRINITY_sp|Q111{wht-1	ABC transporter ATP	37.90	0.00
TRINITY_sp|A9Z1\Wwa5b1	von Willebrand fact	37.90	0.00
TRINITY_sp|Q087{myb	Transcriptional act	37.90	0.00
TRINITY_sp|Q9PK{fabG	3-oxoacyl-[acyl-car	37.90	0.00
TRINITY_sp|Q84N{CDSP32	Thioredoxin-like pr	37.90	0.00
TRINITY_sp|Q5TZ{mpv17	Protein Mpv17 OS=Da	37.90	0.00
TRINITY_sp|P109{-	Retrovirus-related	37.90	0.00
TRINITY_sp|P774{yqaB	Fructose-1-phosphat	37.90	0.00
TRINITY_sp|Q0WRE{PPC6-7	Probable protein ph	37.90	0.00
TRINITY_sp|Q963{GSTF11	Glutathione S-trans	37.90	0.00
TRINITY_sp|A2RV{RRP41L	Exosome complex com	37.90	0.00
TRINITY_sp|B8AS{OsI_167{	Vacuolar-processing	37.90	0.00
TRINITY_sp|Q9UT{Foch1	Initiation-specific	37.90	0.00
TRINITY_sp|Q559{slr0305	TVP38/TMEM64 family	37.90	0.00
TRINITY_sp|Q55F{mef2A	Transcription facto	37.90	0.00
TRINITY_sp|Q9VY{NnaD	Cytosolic carboxype	37.90	0.00
TRINITY_sp|Q1LZ{FAIM2	Protein lifeguard 2	37.90	0.00
TRINITY_sp|P671{yqfA	UPF0073 inner membr	37.90	0.00
TRINITY_sp|Q54G{pex1	Peroxisome biogenes	37.90	0.00
TRINITY_sp|Q9FV{At1g577{	Probable elongation	37.90	0.00
TRINITY_sp|Q2LAE{ASHH2	Histone-lysine N-me	37.90	0.00
TRINITY_sp|Q8JH{ddx55	ATP-dependent RNA h	37.90	0.00
TRINITY_sp|O652{ACX1	Peroxisomal acyl-co	37.90	0.00
TRINITY_sp|Q96F{KIF12	Kinesin-like protei	37.90	0.00
TRINITY_sp|Q246{ref(2)P	Protein ref(2)P OS=	37.90	0.00
TRINITY_sp|Q6L4{Os05g05{	Probable protein ph	37.90	0.00
TRINITY_sp|O645{STR1	Thiosulfate/3-merca	37.90	0.00
TRINITY_sp|Q2QP{VGK1	Guanylate kinase 1	37.90	0.00
TRINITY_sp|Q5UP{MIMI_R61	Putative band 7 fam	37.90	0.00
TRINITY_sp|O946{gyp10	GTPase-activating p	37.90	0.00
TRINITY_sp|Q6C6{ISN1	IMP-specific 5'-nuc	37.90	0.00
TRINITY_sp|Q3E6{DEGP14	Putative protease D	37.90	0.00
TRINITY_sp|Q9SL{ALIS3	ALA-interacting sub	37.90	0.00
TRINITY_sp|Q9FV{CYCA1-2	Cyclin-A1-2 OS=Arab	37.90	0.00
TRINITY_sp|Q851{ILL3	IAA-amino acid hydr	37.90	0.00
TRINITY_sp|O229{At2g303{	Putative tRNA pseud	37.90	0.00
TRINITY_sp|Q9ER{Cars	Cysteine--tRNA liga	37.90	0.00
TRINITY_sp|Q9FY{RS2Z32	Serine/arginine-ric	37.90	0.00
TRINITY_sp|Q52K{NUDT13	Nudix hydrolase 13,	37.90	0.00
TRINITY_sp|Q8H1{AAE13	Malonate--CoA ligas	37.90	0.00
TRINITY_sp|Q6V4{H10HGO	8-hydroxygeraniol d	37.90	0.00
TRINITY_sp|Q2T9{POLR3F	DNA-directed RNA po	37.90	0.00
TRINITY_sp|Q54S{spt16	FACT complex subuni	37.90	0.00
TRINITY_sp|Q941{IPAP8	Probable plastid-li	37.90	0.00
TRINITY_sp|Q2RA{CYCT1-3	Cyclin-T1-3 OS=Oryz	37.90	0.00
TRINITY_sp|Q8VE{Tmem30a	Cell cycle control	37.90	0.00
TRINITY_sp|Q9SH{STIPL1	Septin and tuftelin	37.90	0.00
TRINITY_sp|O804{At1g091{	Probable protein ph	37.90	0.00
TRINITY_sp|Q3E9{CPK34	Calcium-dependent p	37.90	0.00
TRINITY_sp|O221{GCP1	Probable tRNA N6-ad	37.90	0.00
TRINITY_sp|B1Q3{MET1B	DNA (cytosine-5)-me	37.90	0.00
TRINITY_sp|Q9V0{tuf	Elongation factor 1	37.90	0.00
TRINITY_sp|Q1LV{abhd14a	Protein ABHD14A OS=	37.90	0.00
TRINITY_sp|Q8DK{Der	GTPase Der OS=Therm	37.90	0.00
TRINITY_sp|Q6C7{HAS1	ATP-dependent RNA h	37.90	0.00
TRINITY_sp|O577{rpl11	50S ribosomal prote	37.90	0.00

TRINITY_sp|P0A0MSAOUHSC	Putative acetyltran	37.90	0.00
TRINITY_sp|P1091MCF2	Proto-oncogene DBL	37.80	0.00
TRINITY_sp|P137(mvaA	3-hydroxy-3-methylg	37.80	0.00
TRINITY_sp|Q3958-	Dynein 18 kDa light	37.80	0.00
TRINITY_sp|Q4409-	L-sorbose dehydro	37.80	0.00
TRINITY_sp|Q54Jlatg6B	Beclin-1-like prote	37.80	0.00
TRINITY_sp|Q6PQ0-	3-oxo-Delta(4,5)-st	37.80	0.00
TRINITY_sp|O8068PAT02	Probable protein S-	37.80	0.00
TRINITY_sp|Q54RidhkL	Hybrid signal trans	37.80	0.00
TRINITY_sp|P2364Rab27a	Ras-related protein	37.80	0.00
TRINITY_sp|Q54Jfchmp5	Charged multivesicu	37.80	0.00
TRINITY_sp|A8F00pepA	Probable cytosol am	37.80	0.00
TRINITY_sp|Q56X7RH39	DEAD-box ATP-depend	37.80	0.00
TRINITY_sp|P1477-	Soluble hydrogenase	37.80	0.00
TRINITY_sp|P3233YMC1	Carrier protein YMC	37.80	0.00
TRINITY_sp|Q6PE0Tbca	Tubulin-specific ch	37.80	0.00
TRINITY_sp|Q9NQ0RPRD1B	Regulation of nucle	37.80	0.00
TRINITY_sp|Q9P42B11B22.	E3 ubiquitin-protei	37.80	0.00
TRINITY_sp|Q66Hyeif4e3	Eukaryotic translat	37.80	0.00
TRINITY_sp|Q9WUENprl2	Nitrogen permease r	37.80	0.00
TRINITY_sp|F4JC0At3g4780	Putative DNA glycos	37.80	0.00
TRINITY_sp|Q54I9smt1	Probable cycloarten	37.80	0.00
TRINITY_sp|Q4015-	LEC14B protein OS=L	37.80	0.00
TRINITY_sp|P6048PTEN	Phosphatidylinosito	37.80	0.00
TRINITY_sp|P2251CMK2	Calcium/calmodulin-	37.80	0.00
TRINITY_sp|Q54HIcopG	Coatomer subunit ga	37.80	0.00
TRINITY_sp|Q9ZU0ADK	Adenylate kinase 1,	37.80	0.00
TRINITY_sp|A2Q8fnpl4	Nuclear protein loc	37.80	0.00
TRINITY_sp|Q8I4fshk-1	Potassium voltage-g	37.80	0.00
TRINITY_sp|O2260MSI4	WD-40 repeat-contai	37.80	0.00
TRINITY_sp|Q54I1smkA	Suppressor of Mek1	37.80	0.00
TRINITY_sp|O0521ywrD	Putative gamma-glut	37.80	0.00
TRINITY_sp|Q86W0PARG	Poly(ADP-ribose) gl	37.80	0.00
TRINITY_sp|Q2125gsnl-1	Gelsolin-like prote	37.80	0.00
TRINITY_sp|P2751CBR	Carotene biosynthes	37.80	0.00
TRINITY_sp|Q0770HVA22	Protein HVA22 OS=Ho	37.80	0.00
TRINITY_sp|P7438s110418	2-methyl-6-phytyl-1	37.80	0.00
TRINITY_sp|Q8GW0TPPH	Probable trehalose-	37.80	0.00
TRINITY_sp|P2347Xrcc6	X-ray repair cross-	37.80	0.00
TRINITY_sp|M4MR0rnj	Ribonuclease J OS=S	37.80	0.00
TRINITY_sp|Q6NW0RWDD4	RWD domain-containi	37.80	0.00
TRINITY_sp|Q54I1shkB	Dual specificity pr	37.80	0.00
TRINITY_sp|P7731ybdR	Uncharacterized zin	37.80	0.00
TRINITY_sp|Q54B0DDB_G020	Probable GH family	37.80	0.00
TRINITY_sp|Q7XJ0GAS8	Growth arrest-speci	37.80	0.00
TRINITY_sp|Q8VE0Tmem144	Transmembrane prote	37.80	0.00
TRINITY_sp|Q9NR0DYRK4	Dual specificity ty	37.80	0.00
TRINITY_sp|Q1401CAMK1	Calcium/calmodulin-	37.80	0.00
TRINITY_sp|O0448At1g0964	Probable elongation	37.80	0.00
TRINITY_sp|B4JV0GH22679	Eukaryotic translat	37.80	0.00
TRINITY_sp|Q69U0RMR1	Receptor homology r	37.80	0.00
TRINITY_sp|Q0WW0ATG3	Autophagy-related p	37.80	0.00
TRINITY_sp|Q8520OSK1	Serine/threonine pr	37.80	0.00
TRINITY_sp|P1097-	Retrovirus-related	37.80	0.00
TRINITY_sp|Q0GZ0USP	UDP-sugar pyrophosp	37.80	0.00
TRINITY_sp|P3170OV16	OV-16 antigen OS=On	37.80	0.00

TRINITY_sp|P9WK{nlhH	Carboxylesterase N1	37.80	0.00
TRINITY_sp|Q54BIddx51	Probable ATP-depend	37.80	0.00
TRINITY_sp|Q086{-	Pathogenesis-relate	37.80	0.00
TRINITY_sp|Q2RM{hcp	Hydroxylamine reduc	37.80	0.00
TRINITY_sp|Q7K4{bin3	Probable RNA methyl	37.80	0.00
TRINITY_sp|A8J6{CFAP54	Cilia- and flagella	37.80	0.00
TRINITY_sp|Q993|TY3B-G	Transposon Ty3-G Ga	37.80	0.00
TRINITY_sp|P789{cof1	Cofilin OS=Schizosa	37.80	0.00
TRINITY_sp|Q9P2|DNAH1	Dynein heavy chain	37.80	0.00
TRINITY_sp|Q8WV{FAR1	Fatty acyl-CoA redu	37.80	0.00
TRINITY_sp|Q021{-	Coat protein OS=Pop	37.70	0.00
TRINITY_sp|P046{Lipf	Gastric triacylglyc	37.70	0.00
TRINITY_sp|Q5FW{zmynd10	Zinc finger MYND do	37.70	0.00
TRINITY_sp|Q091{cds1	Serine/threonine-pr	37.70	0.00
TRINITY_sp|Q940{TMN2	Transmembrane 9 sup	37.70	0.00
TRINITY_sp|P702{Vamp7	Vesicle-associated	37.70	0.00
TRINITY_sp|P260{PTPN3	Tyrosine-protein ph	37.70	0.00
TRINITY_sp|O822{SCPL23	Putative serine car	37.70	0.00
TRINITY_sp|Q7XQ{Os04g04{	Probable protein ph	37.70	0.00
TRINITY_sp|Q5ZM{RAP1GAP{	Rap1 GTPase-activat	37.70	0.00
TRINITY_sp|Q8GY{MND1	Meiotic nuclear div	37.70	0.00
TRINITY_sp|P630{AP2B1	AP-2 complex subuni	37.70	0.00
TRINITY_sp|P958{treZ	Malto-oligosyltreha	37.70	0.00
TRINITY_sp|O945{iqw1	WD repeat protein i	37.70	0.00
TRINITY_sp|O154{ABCC4	Multidrug resistanc	37.70	0.00
TRINITY_sp|Q7SC{cln3	Protein btn-1 OS=Ne	37.70	0.00
TRINITY_sp|Q8C9{Endov	Endonuclease V OS=M	37.70	0.00
TRINITY_sp|Q6PD{Fam63b	Ubiquitin carboxyl-	37.70	0.00
TRINITY_sp|P208{pol	Retrovirus-related	37.70	0.00
TRINITY_sp|Q5EA{ABHD4	Protein ABHD4 OS=Bo	37.70	0.00
TRINITY_sp|Q6GN{coq10b	Coenzyme Q-binding	37.70	0.00
TRINITY_sp|Q9JH{Ide	Insulin-degrading e	37.70	0.00
TRINITY_sp|A8QC{Bml_495{	Lateral signaling t	37.70	0.00
TRINITY_sp|P538{Pctp	Phosphatidylcholine	37.70	0.00
TRINITY_sp|Q54W{pldb	Phospholipase D B O	37.70	0.00
TRINITY_sp|Q94J{Atlg542{	Protein translation	37.70	0.00
TRINITY_sp|P212{CCA1	CCA tRNA nucleotidy	37.70	0.00
TRINITY_sp|Q8R4{Pappa	Pappalysin-1 OS=Mus	37.70	0.00
TRINITY_sp|Q54R{iksA	Probable serine/thr	37.70	0.00
TRINITY_sp|Q027{Cacnals	Voltage-dependent L	37.70	0.00
TRINITY_sp|A2XX{COLD1	GPCR-type G protein	37.70	0.00
TRINITY_sp|F4I2{SWI2	Switch 2 OS=Arabido	37.70	0.00
TRINITY_sp|Q9Z7{CPn_065{	Uncharacterized acy	37.70	0.00
TRINITY_sp|Q839{fhpt	Hypoxanthine-guanin	37.70	0.00
TRINITY_sp|Q128{BPTF	Nucleosome-remodeli	37.70	0.00
TRINITY_sp|Q60E{BSL1	Serine/threonine-pr	37.70	0.00
TRINITY_sp|Q2KH{USP2	Ubiquitin carboxyl-	37.70	0.00
TRINITY_sp|Q9CWF{Smyd3	Histone-lysine N-me	37.70	0.00
TRINITY_sp|Q9LKV{NHX7	Sodium/hydrogen exc	37.70	0.00
TRINITY_sp|Q928{ERCC4	DNA repair endonucl	37.70	0.00
TRINITY_sp|Q7T6{MIMI_R8{	Putative serine/thr	37.70	0.00
TRINITY_sp|Q8GRI{TFCE	Tubulin-folding cof	37.70	0.00
TRINITY_sp|O810{EMB1187	Probable ethanolami	37.70	0.00
TRINITY_sp|A7EY{vdbp3	ATP-dependent RNA h	37.70	0.00
TRINITY_sp|Q558{sl10103	Uncharacterized pro	37.70	0.00
TRINITY_sp|Q6F3{CPK10	Calcium-dependent p	37.70	0.00

TRINITY_sp|P5195NEK4	Serine/threonine-pr	37.70	0.00
TRINITY_sp|Q4940HPAT2	Hydroxyproline O-ar	37.70	0.00
TRINITY_sp|B0F48BIO3-BI	Bifunctional dethio	37.70	0.00
TRINITY_sp|D9HP2CNR4	Cell number regulat	37.70	0.00
TRINITY_sp|Q5Y20HTAY	Histone H2A.Y OS=Te	37.70	0.00
TRINITY_sp|Q1QH2thrB	Homoserine kinase O	37.70	0.00
TRINITY_sp|Q5UP7MIMI_R61	Putative band 7 fam	37.70	0.00
TRINITY_sp|P2648fixL	Sensor protein FixL	37.70	0.00
TRINITY_sp|Q9C50RRC1	Protein RRC1 OS=Ara	37.70	0.00
TRINITY_sp|B9DF0ISE2	DExH-box ATP-depend	37.70	0.00
TRINITY_sp|Q8AY7cse11	Exportin-2 OS=Oreoc	37.70	0.00
TRINITY_sp|Q6CB0RMT2	Protein arginine N-	37.70	0.00
TRINITY_sp|Q29R0PDIA4	Protein disulfide-i	37.70	0.00
TRINITY_sp|Q86U0RBM23	Probable RNA-bindin	37.70	0.00
TRINITY_sp|Q9XF0PDPK1	3-phosphoinositide-	37.70	0.00
TRINITY_sp|Q9ST0NDB1	External alternativ	37.70	0.00
TRINITY_sp|Q96M0CFAP57	Cilia- and flagella	37.70	0.00
TRINITY_sp|Q54G0DDB_G028	Protein CLEC16A hom	37.70	0.00
TRINITY_sp|O2221LIS	U4/U6 small nuclear	37.70	0.00
TRINITY_sp|P2258-	Polyubiquitin OS=Ph	37.70	0.00
TRINITY_sp|Q8VD0Sft2d2	Vesicle transport p	37.70	0.00
TRINITY_sp|Q54S0midA	Protein arginine me	37.70	0.00
TRINITY_sp|Q9SJ0LACS8	Long chain acyl-CoA	37.60	0.00
TRINITY_sp|P1121UDA1	Lectin/endochitinas	37.60	0.00
TRINITY_sp|Q8RU0Os01g058	Probable V-type pro	37.60	0.00
TRINITY_sp|Q9FI0At5g4789	NADH dehydrogenase	37.60	0.00
TRINITY_sp|Q3380GCN5	Histone acetyltrans	37.60	0.00
TRINITY_sp|Q2TB0COMMD9	COMM domain-contain	37.60	0.00
TRINITY_sp|Q54C0kxcB	Kinase and exchange	37.60	0.00
TRINITY_sp|Q95J0IAK7	Adenylate kinase 7	37.60	0.00
TRINITY_sp|Q9ZU0At2g3724	Thioredoxin-like pr	37.60	0.00
TRINITY_sp|Q9NR0ABCB10	ATP-binding cassett	37.60	0.00
TRINITY_sp|Q8690fbpnt1	3' (2'), 5'-bisphosph	37.60	0.00
TRINITY_sp|Q8AV0syf2	Pre-mRNA-splicing f	37.60	0.00
TRINITY_sp|Q4960Elp2	Elongator complex p	37.60	0.00
TRINITY_sp|Q9LR0PSB27-1	Photosystem II repa	37.60	0.00
TRINITY_sp|Q7XT0Os04g062	Nucleolin 2 OS=Oryz	37.60	0.00
TRINITY_sp|Q5510DDB_G027	WD repeat-containin	37.60	0.00
TRINITY_sp|O3430ytcJ	Putative amidohydro	37.60	0.00
TRINITY_sp|P2990CYP4C1	Cytochrome P450 4C1	37.60	0.00
TRINITY_sp|P4960Os01g083	Coatomer subunit de	37.60	0.00
TRINITY_sp|Q0630DER1	Derlin-1 OS=Oryza s	37.60	0.00
TRINITY_sp|Q9FG0ATO	Splicing factor SF3	37.60	0.00
TRINITY_sp|O0780dapb1	Dipeptidyl aminopep	37.60	0.00
TRINITY_sp|Q2250chd-3	Chromodomain-helica	37.60	0.00
TRINITY_sp|K7WI0PYRR	Riboflavin biosynth	37.60	0.00
TRINITY_sp|O8260At4g3295	Probable protein ph	37.60	0.00
TRINITY_sp|Q3890KIN10	SNF1-related protei	37.60	0.00
TRINITY_sp|Q67W0RR25	Two-component respo	37.60	0.00
TRINITY_sp|O9460SPBC776	Uncharacterized mem	37.60	0.00
TRINITY_sp|Q4370TOC75	Protein TOC75, chlo	37.60	0.00
TRINITY_sp|P4070CYPRO4	Protein CYPRO4 OS=C	37.60	0.00
TRINITY_sp|Q54W0aurK	Aurora kinase OS=Di	37.60	0.00
TRINITY_sp|Q9FM0TIC20-V	Protein TIC 20-v, c	37.60	0.00
TRINITY_sp|Q9EQ0Tpp1	Tripeptidyl-peptida	37.60	0.00
TRINITY_sp|A4QN0slc25a47	Solute carrier fami	37.60	0.00

TRINITY_sp|Q54LHvps13A	Putative vacuolar p	37.60	0.00
TRINITY_sp|Q77NCLuc712	Putative RNA-bindin	37.60	0.00
TRINITY_sp|Q9FK1THO3	THO complex subunit	37.60	0.00
TRINITY_sp|O7482esf1	Pre-rRNA-processing	37.60	0.00
TRINITY_sp|O7425GAM1	Glucoamylase 1 OS=C	37.60	0.00
TRINITY_sp|Q8VYCCCR4-6	Carbon catabolite r	37.60	0.00
TRINITY_sp|O4331PPIP5K2	Inositol hexakispho	37.60	0.00
TRINITY_sp|Q9NVHFXD2	Exonuclease 3'-5' d	37.60	0.00
TRINITY_sp|P2532mlkA	Myosin light chain	37.60	0.00
TRINITY_sp|Q54WVDDDB_G027	Probable serine/thr	37.60	0.00
TRINITY_sp|Q08D1PUS7	Pseudouridylate syn	37.60	0.00
TRINITY_sp|Q9N92-	Ciliary WD repeat-c	37.60	0.00
TRINITY_sp|Q7Z41MAATS1	Protein MAATS1 OS=H	37.60	0.00
TRINITY_sp|Q54K3rgaA	Ras GTPase-activati	37.60	0.00
TRINITY_sp|Q54QFerkB	Extracellular signa	37.60	0.00
TRINITY_sp|Q54TMDrkD	Probable serine/thr	37.60	0.00
TRINITY_sp|Q9MANKCS1	3-ketoacyl-CoA synt	37.60	0.00
TRINITY_sp|O0078vate	V-type proton ATPas	37.60	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	37.60	0.00
TRINITY_sp|P3225rasC	Ras-like protein ra	37.60	0.00
TRINITY_sp|Q9US6tum1	Probable 3-mercapto	37.60	0.00
TRINITY_sp|Q4Z81RanBPM	Ran-binding protein	37.60	0.00
TRINITY_sp|Q9625At5g4703	ATP synthase subuni	37.60	0.00
TRINITY_sp|Q94F3ESD4	Ubiquitin-like-spec	37.60	0.00
TRINITY_sp|Q6451Tpp2	Tripeptidyl-peptida	37.60	0.00
TRINITY_sp|Q6137Ift88	Intraflagellar tran	37.60	0.00
TRINITY_sp|A7Z91uvse	UV DNA damage endon	37.60	0.00
TRINITY_sp|Q9ATFADA2B	Transcriptional ada	37.60	0.00
TRINITY_sp|Q8GW1PGLP2	Phosphoglycolate ph	37.60	0.00
TRINITY_sp|Q5TKIOs05g020	(Thioredoxin-like 2,	37.60	0.00
TRINITY_sp|Q1RH3grxC1	Glutaredoxin-1 OS=R	37.60	0.00
TRINITY_sp|Q86C7dhkK	Hybrid signal trans	37.50	0.00
TRINITY_sp|Q9MB1DHC10	Dynein-1-beta heavy	37.50	0.00
TRINITY_sp|Q6ZV1TLL10	Inactive polyglycyl	37.50	0.00
TRINITY_sp|Q9UU7pfh1	ATP-dependent DNA h	37.50	0.00
TRINITY_sp|Q9W11FCG5532	Transmembrane prote	37.50	0.00
TRINITY_sp|Q388(HSP22.0	22.0 kDa heat shock	37.50	0.00
TRINITY_sp|Q8BY1Rdh12	Retinol dehydrogena	37.50	0.00
TRINITY_sp|Q2481RACB	Rho-related protein	37.50	0.00
TRINITY_sp|P0678RHO2	GTP-binding protein	37.50	0.00
TRINITY_sp|Q99L(Dhrs1	Dehydrogenase/reduc	37.50	0.00
TRINITY_sp|Q86C7dhkK	Hybrid signal trans	37.50	0.00
TRINITY_sp|Q6IE5Mug2	Murinoglobulin-2 OS	37.50	0.00
TRINITY_sp|P8032-	Troponin C OS=Branc	37.50	0.00
TRINITY_sp|P1395-	G2/mitotic-specific	37.50	0.00
TRINITY_sp|P1415AAC4	AAC-rich mRNA clone	37.50	0.00
TRINITY_sp|Q8T15DDB_G027	Dehydrogenase/reduc	37.50	0.00
TRINITY_sp|O6896idhA	Inositol 2-dehydrog	37.50	0.00
TRINITY_sp|A1ZA1CG8303	Putative fatty acyl	37.50	0.00
TRINITY_sp|Q9M81DSPTP1B	Dual specificity pr	37.50	0.00
TRINITY_sp|Q9LM6ATL80	RING-H2 finger prot	37.50	0.00
TRINITY_sp|O1545ABCC4	Multidrug resistanc	37.50	0.00
TRINITY_sp|Q2Y61rlmN	Dual-specificity RN	37.50	0.00
TRINITY_sp|Q54M7ku70	ATP-dependent DNA h	37.50	0.00
TRINITY_sp|Q72N1msrB	Peptide methionine	37.50	0.00
TRINITY_sp|Q6GV1Kdsr	3-ketodihydrosphing	37.50	0.00

TRINITY_sp|O2293CIPK11	CBL-interacting ser	37.50	0.00
TRINITY_sp|D0MV5KEX1	Pheromone-processin	37.50	0.00
TRINITY_sp|O8076At1g6042	Probable nucleoredo	37.50	0.00
TRINITY_sp|Q2945LIPF	Gastric triacylglyc	37.50	0.00
TRINITY_sp|Q9LT1BBR	E3 ubiquitin ligase	37.50	0.00
TRINITY_sp|Q9CAFHIR2	Hypersensitive-indu	37.50	0.00
TRINITY_sp|P1367inaC	Protein kinase C, e	37.50	0.00
TRINITY_sp|Q54VDDDB_G028	Probable serine/thr	37.50	0.00
TRINITY_sp|Q0255PK2	Probable serine/thr	37.50	0.00
TRINITY_sp|Q7ZU7polr3c	DNA-directed RNA po	37.50	0.00
TRINITY_sp|Q6IN1smek1	Serine/threonine-pr	37.50	0.00
TRINITY_sp|Q9SHFRUB1	Ubiquitin-NEDD8-lik	37.50	0.00
TRINITY_sp|P0446(-	Calmodulin OS=Triti	37.50	0.00
TRINITY_sp|Q9N44pme-1	Poly(ADP-ribose) po	37.50	0.00
TRINITY_sp|Q5555slr0328	Putative low molecu	37.50	0.00
TRINITY_sp|A6LL4rpsG	30S ribosomal prote	37.50	0.00
TRINITY_sp|Q9M44AIP3	Probable prefoldin	37.50	0.00
TRINITY_sp|Q6P64Grina	Protein lifeguard 1	37.50	0.00
TRINITY_sp|Q38A4MTR1	Cap-specific mRNA (	37.50	0.00
TRINITY_sp|Q1021SPAC4H3	.MEMO1 family protei	37.50	0.00
TRINITY_sp|A6VD1ubiB	Probable protein ki	37.50	0.00
TRINITY_sp|F4I64POLIA	DNA polymerase I A,	37.50	0.00
TRINITY_sp|Q8695doka	Hybrid signal trans	37.50	0.00
TRINITY_sp|Q9VCF17119	Cystinosin homolog	37.50	0.00
TRINITY_sp|P0CN2DUS3	tRNA-dihydrouridine	37.50	0.00
TRINITY_sp|Q54T4gacY	Rho GTPase-activati	37.50	0.00
TRINITY_sp|Q8NF4BBS1	Bardet-Biedl syndro	37.50	0.00
TRINITY_sp|F4JM4HSP70-1	Heat shock 70 kDa p	37.50	0.00
TRINITY_sp|Q9SJI4LACS8	Long chain acyl-CoA	37.50	0.00
TRINITY_sp|P4277EMB2360	Glutathione reducta	37.50	0.00
TRINITY_sp|A5YK4CNOT1	CCR4-NOT transcript	37.50	0.00
TRINITY_sp|Q55A4dlpC	Dynamamin-like protei	37.50	0.00
TRINITY_sp|Q54M4mrkB	Probable serine/thr	37.50	0.00
TRINITY_sp|P0AE4barA	Signal transduction	37.50	0.00
TRINITY_sp|Q8RY4At2g3325	Haloacid dehalogena	37.50	0.00
TRINITY_sp|P2475ATP1A2	Sodium/potassium-tr	37.50	0.00
TRINITY_sp|Q1ZXI4roco5	Probable serine/thr	37.50	0.00
TRINITY_sp|Q3TZ4Cdk14	Cyclin-dependent ki	37.50	0.00
TRINITY_sp|Q4PH1ATM1	Iron-sulfur cluster	37.50	0.00
TRINITY_sp|Q84M4ABCA1	ABC transporter A f	37.50	0.00
TRINITY_sp|B0G1(DDB_G027	Deoxynucleoside tri	37.50	0.00
TRINITY_sp|O1496AURKA	Aurora kinase A OS=	37.50	0.00
TRINITY_sp|Q8S14Os01g092	Probable glucuronos	37.50	0.00
TRINITY_sp|Q3S44AHK5	Histidine kinase 5	37.50	0.00
TRINITY_sp|F4J11LSF1	Phosphoglucan phosp	37.40	0.00
TRINITY_sp|Q54Q5DDB_G028	E3 UFM1-protein lig	37.40	0.00
TRINITY_sp|Q9UK4CNOT11	CCR4-NOT transcript	37.40	0.00
TRINITY_sp|O9466jnj4	JmjC domain-contain	37.40	0.00
TRINITY_sp|Q9M11At3g5446	F-box protein At3g5	37.40	0.00
TRINITY_sp|Q9UQ3SRRM2	Serine/arginine rep	37.40	0.00
TRINITY_sp|Q3MQ2ATG5	Autophagy protein 5	37.40	0.00
TRINITY_sp|Q5E94APEX2	DNA-(apurinic or ap	37.40	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	37.40	0.00
TRINITY_sp|Q9JL4Capn15	Calpain-15 OS=Mus m	37.40	0.00
TRINITY_sp|Q54HI4gghB	Gamma-glutamyl hydr	37.40	0.00
TRINITY_sp|Q5HM4SERP1785	Zinc-type alcohol d	37.40	0.00

TRINITY_sp|Q0799-	NADPH--cytochrome P	37.40	0.00
TRINITY_sp|P4188rbf-1	Rabphilin-1 OS=Caen	37.40	0.00
TRINITY_sp|Q9XF4DDM1	ATP-dependent DNA h	37.40	0.00
TRINITY_sp|Q9BLCamtB	Ammonium transporte	37.40	0.00
TRINITY_sp|D2GXMAGBL5	Cytosolic carboxype	37.40	0.00
TRINITY_sp|P5291VPS4	Vacuolar protein so	37.40	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	37.40	0.00
TRINITY_sp|Q9ZS7CPK27	Calcium-dependent p	37.40	0.00
TRINITY_sp|P6179APT	Aprataxin (Fragment	37.40	0.00
TRINITY_sp|Q8H0UTRN1	Transportin-1 OS=Ar	37.40	0.00
TRINITY_sp|O1529ACOX3	Peroxisomal acyl-co	37.40	0.00
TRINITY_sp|Q7ZV8tigarb	Fructose-2,6-bispho	37.40	0.00
TRINITY_sp|P3552CLNS1A	Methylosome subunit	37.40	0.00
TRINITY_sp|Q8697DDB_G027	Putative protein di	37.40	0.00
TRINITY_sp|Q84M7CAT1	Cationic amino acid	37.40	0.00
TRINITY_sp|Q9C5(DPL1	Sphingosine-1-phosp	37.40	0.00
TRINITY_sp|B2X09MNR1	(+)-neomenthol dehy	37.40	0.00
TRINITY_sp|Q8S17Os01g081	Probable U3 small n	37.40	0.00
TRINITY_sp|P4329RD19A	Cysteine protease R	37.40	0.00
TRINITY_sp|Q8BN8Slc17a5	Sialin OS=Mus muscu	37.40	0.00
TRINITY_sp|Q8K47Dusp19	Dual specificity pr	37.40	0.00
TRINITY_sp|Q91WAs3mt	Arsenite methyltran	37.40	0.00
TRINITY_sp|A5PF4garn13	GTPase-activating R	37.40	0.00
TRINITY_sp|Q9NP6HMG20A	High mobility group	37.40	0.00
TRINITY_sp|Q8DH0secA	Protein translocase	37.40	0.00
TRINITY_sp|Q8VEIMtmr14	Myotubularin-relate	37.40	0.00
TRINITY_sp|Q96JCVPS39	Vam6/Vps39-like pro	37.40	0.00
TRINITY_sp|Q6148Pdela	Calcium/calmodulin-	37.40	0.00
TRINITY_sp|Q54S9DDB_G028	Protein PIEZO homol	37.40	0.00
TRINITY_sp|O9482LTN1	E3 ubiquitin-protei	37.40	0.00
TRINITY_sp|P5099ANXA11	Annexin A11 OS=Homo	37.40	0.00
TRINITY_sp|P2048stg	M-phase inducer pho	37.40	0.00
TRINITY_sp|Q9FKIUBP17	Ubiquitin carboxyl-	37.40	0.00
TRINITY_sp|Q6GQ2Anks6	Ankyrin repeat and	37.40	0.00
TRINITY_sp|Q9P28ZNF1	NFX1-type zinc fing	37.40	0.00
TRINITY_sp|P3757rada	DNA repair protein	37.40	0.00
TRINITY_sp|Q9NZMITSN2	Intersectin-2 OS=Ho	37.40	0.00
TRINITY_sp|A2VD9SCLY	Selenocysteine lyas	37.40	0.00
TRINITY_sp|O3497pbu0	Guanine/hypoxanthin	37.40	0.00
TRINITY_sp|Q54B1abcB2	ABC transporter B f	37.40	0.00
TRINITY_sp|Q9P29RCC2	Protein RCC2 OS=Hom	37.40	0.00
TRINITY_sp|F4IF3FGT1	Protein FORGETTER 1	37.40	0.00
TRINITY_sp|Q9HA9KIF9	Kinesin-like protei	37.40	0.00
TRINITY_sp|Q7T69MIMI_R83	Putative serine/thr	37.40	0.00
TRINITY_sp|Q9C99RAA2	Arabinosyltransfera	37.40	0.00
TRINITY_sp|Q6TG9ATG9	Autophagy-related p	37.40	0.00
TRINITY_sp|Q0071mdmC	O-methyltransferase	37.40	0.00
TRINITY_sp|Q55A(DDB_G027	Probable serine/thr	37.40	0.00

TRINITY_sp|Q55GIvps25	Vacuolar protein-so	37.40	0.00
TRINITY_sp|Q55C8DDB_G027	Bromodomain-contain	37.40	0.00
TRINITY_sp|P5481ymel-1	ATP-dependent zinc	37.40	0.00
TRINITY_sp|Q9BU7TRMO	tRNA (adenine(37)-N	37.40	0.00
TRINITY_sp|Q54W2aurK	Aurora kinase OS=Di	37.40	0.00
TRINITY_sp|Q69ZMStk36	Serine/threonine-pr	37.40	0.00
TRINITY_sp|O6029SIPA1L3	Signal-induced prol	37.40	0.00
TRINITY_sp|Q54JMnae1	NEDD8-activating en	37.40	0.00
TRINITY_sp|Q2TBNPCID2	PCI domain-containi	37.40	0.00
TRINITY_sp|Q86GVgcy-28	Receptor-type guany	37.40	0.00
TRINITY_sp|Q1509HERC3	Probable E3 ubiquit	37.30	0.00
TRINITY_sp|A3PT6Mjls_04	(UPF0678 fatty acid-	37.30	0.00
TRINITY_sp|P2354phoR	Alkaline phosphatas	37.30	0.00
TRINITY_sp|Q0787VPS13	Vacuolar protein so	37.30	0.00
TRINITY_sp|E1C65HACE1	E3 ubiquitin-protei	37.30	0.00
TRINITY_sp|Q54T8tra1	Probable transcript	37.30	0.00
TRINITY_sp|Q8VY6At4g0739	Mannose-P-dolichol	37.30	0.00
TRINITY_sp|O0448At1g0964	Probable elongation	37.30	0.00
TRINITY_sp|Q1681PHKG1	Phosphorylase b kin	37.30	0.00
TRINITY_sp|Q1552SURF2	Surfeit locus prote	37.30	0.00
TRINITY_sp|P1777TDC	Aromatic-L-amino-ac	37.30	0.00
TRINITY_sp|P4329COP1	E3 ubiquitin-protei	37.30	0.00
TRINITY_sp|P6048PTEN	Phosphatidylinosito	37.30	0.00
TRINITY_sp|Q2A32dnaJ	Chaperone protein D	37.30	0.00
TRINITY_sp|Q6ZS9NBEAL1	Neurobeachin-like p	37.30	0.00
TRINITY_sp|Q2758Cyp4d2	Cytochrome P450 4d2	37.30	0.00
TRINITY_sp|Q6P77hmces	Embryonic stem cell	37.30	0.00
TRINITY_sp|Q0000SRP68	Signal recognition	37.30	0.00
TRINITY_sp|P8409RHOG	Rho-related GTP-bin	37.30	0.00
TRINITY_sp|P0C82OsI_0279	Uncharacterized pro	37.30	0.00
TRINITY_sp|Q9LH9OCT4	Organic cation/carn	37.30	0.00
TRINITY_sp|Q1MI1ctaA	Heme A synthase OS=	37.30	0.00
TRINITY_sp|Q9JJ8Rpf2	Ribosome production	37.30	0.00
TRINITY_sp|P1438-	Transposon TX1 unch	37.30	0.00
TRINITY_sp|Q5VVV GARNL3	GTPase-activating R	37.30	0.00
TRINITY_sp|Q9C5HMAPKKK5	Mitogen-activated p	37.30	0.00
TRINITY_sp|O9598NUDT3	Diphosphoinositol p	37.30	0.00
TRINITY_sp|O6827dusC	tRNA-dihydrouridine	37.30	0.00
TRINITY_sp|P2817pkgB	Protein kinase 2 OS	37.30	0.00
TRINITY_sp|Q3KQ9UAP1L1	UDP-N-acetylhexosam	37.30	0.00
TRINITY_sp|Q142HmsbA	Lipid A export ATP-	37.30	0.00
TRINITY_sp|O8114PAE1	Proteasome subunit	37.30	0.00
TRINITY_sp|Q6456Atp2b3	Plasma membrane cal	37.30	0.00
TRINITY_sp|Q0WQ9RBL1	RHOMBOID-like prote	37.30	0.00
TRINITY_sp|Q5569DDB_G027	Probable rhodanese	37.30	0.00
TRINITY_sp|P4048HOS4	Protein HOS4 OS=Sac	37.30	0.00
TRINITY_sp|Q5ZP1SPO11-2	Meiotic recombinati	37.30	0.00
TRINITY_sp|Q5F38WVOX	WW domain-containin	37.30	0.00
TRINITY_sp|A0A0IP58A	DnaJ protein P58IPK	37.30	0.00
TRINITY_sp|Q9SE4Os09g05	(Ribulose-phosphate	37.30	0.00
TRINITY_sp|Q02P7lap	Aminopeptidase OS=P	37.30	0.00
TRINITY_sp|Q9D99Efhc1	EF-hand domain-cont	37.30	0.00
TRINITY_sp|Q9ES2Sacm11	Phosphatidylinositi	37.30	0.00
TRINITY_sp|Q8VZFINT1	Inositol transporte	37.30	0.00
TRINITY_sp|Q9FKIKIN14B	Kinesin-like protei	37.30	0.00
TRINITY_sp|Q7ZT4gins2	DNA replication com	37.30	0.00

TRINITY_sp|Q9M8FD	SPTP1B	Dual specificity pr	37.30	0.00
TRINITY_sp|Q9CUI	Iqca1	IQ and AAA domain-c	37.30	0.00
TRINITY_sp|Q28GV	melk	Maternal embryonic	37.30	0.00
TRINITY_sp|Q6Z43	MPK3	Mitogen-activated p	37.30	0.00
TRINITY_sp|Q54G3	surf6	Surfeit locus prote	37.30	0.00
TRINITY_sp|Q8S95	NACK1	Kinesin-like protei	37.30	0.00
TRINITY_sp|Q5F35	NRAS	GTPase NRas OS=Gall	37.30	0.00
TRINITY_sp|A4KDI	D5Des	Acyl-lipid (8-3)-de	37.30	0.00
TRINITY_sp|Q9ES\	Ddx24	ATP-dependent RNA h	37.30	0.00
TRINITY_sp|B8B4	(MCM9	Probable DNA helica	37.30	0.00
TRINITY_sp|Q9632	SAC8	Phosphoinositide ph	37.30	0.00
TRINITY_sp|Q9Y07	itr-1	Inositol 1,4,5-tris	37.30	0.00
TRINITY_sp|Q9C8	(MOS2	Protein MOS2 OS=Ara	37.30	0.00
TRINITY_sp|Q8TD5	DNAH3	Dynein heavy chain	37.30	0.00
TRINITY_sp|Q9FV\	CYCA1-2	Cyclin-A1-2 OS=Arab	37.30	0.00
TRINITY_sp|Q60G	(EXO1	Exonuclease 1 OS=Or	37.30	0.00
TRINITY_sp|Q8L7I	SPHK1	Sphingosine kinase	37.30	0.00
TRINITY_sp|E9PY\	Wdr78	WD repeat-containin	37.30	0.00
TRINITY_sp|Q9SQ2	CAT7	Cationic amino acid	37.30	0.00
TRINITY_sp|Q8IS1	gefI	Ras guanine nucleot	37.30	0.00
TRINITY_sp|Q2135	gst-4	Glutathione S-trans	37.30	0.00
TRINITY_sp|P1468	YAK1	Dual specificity pr	37.30	0.00
TRINITY_sp|Q91Z	FNek8	Serine/threonine-pr	37.30	0.00
TRINITY_sp|Q9ZP\	ARL2	ADP-ribosylation fa	37.20	0.00
TRINITY_sp|Q5ZJ\	MCMBP	Mini-chromosome mai	37.20	0.00
TRINITY_sp|Q9LU\	UBC25	Probable ubiquitin-	37.20	0.00
TRINITY_sp|Q2373	GSH2	Glutathione synthet	37.20	0.00
TRINITY_sp|A1SS1	rlmF	Ribosomal RNA large	37.20	0.00
TRINITY_sp|B6EK\	cutC	Copper homeostasis	37.20	0.00
TRINITY_sp|O7484	fft2	ATP-dependent helic	37.20	0.00
TRINITY_sp|Q9UHF	SAP30BP	SAP30-binding prote	37.20	0.00
TRINITY_sp|Q5XJ3	kctd151	BTB/POZ domain-cont	37.20	0.00
TRINITY_sp|Q6085	Ripk1	Receptor-interactin	37.20	0.00
TRINITY_sp|Q9ES	(Slc15a2	Solute carrier fami	37.20	0.00
TRINITY_sp|Q55C9	mpl1	MAP kinase phosphat	37.20	0.00
TRINITY_sp|Q54SF	sgmC	Sphingomyelinase ph	37.20	0.00
TRINITY_sp|Q1PF5	EDA2	Probable serine pro	37.20	0.00
TRINITY_sp|Q21L6	mgsA	Methylglyoxal synth	37.20	0.00
TRINITY_sp|Q9C77	At3g1123	Protein yippee-like	37.20	0.00
TRINITY_sp|Q9SB5	PAT08	Protein S-acyltrans	37.20	0.00
TRINITY_sp|Q8K2	(Bbs7	Bardet-Biedl syndro	37.20	0.00
TRINITY_sp|Q556F	cf50-1	Counting factor 50	37.20	0.00
TRINITY_sp|Q2LTF	proS	Proline--tRNA ligas	37.20	0.00
TRINITY_sp|Q0373	YML018C	Uncharacterized vac	37.20	0.00
TRINITY_sp|Q6NL\	HVA22K	HVA22-like protein	37.20	0.00
TRINITY_sp|Q75J\	pex2	Peroxisome biogenes	37.20	0.00
TRINITY_sp|Q8WU	(STK32A	Serine/threonine-pr	37.20	0.00
TRINITY_sp|Q08E	JRNF10	RING finger protein	37.20	0.00
TRINITY_sp|Q9CXI	Tbc1d15	TBC1 domain family	37.20	0.00
TRINITY_sp|Q1552	SURF1	Surfeit locus prote	37.20	0.00
TRINITY_sp|A7SK\	dph2	Diphthamide biosynt	37.20	0.00
TRINITY_sp|Q9LY\	LAC13	Laccase-13 OS=Arabi	37.20	0.00
TRINITY_sp|C6E54	pepA	Probable cytosol am	37.20	0.00
TRINITY_sp|A0AV\	UBA6	Ubiquitin-like modi	37.20	0.00
TRINITY_sp|P7516	MPN_633	Uncharacterized pro	37.20	0.00
TRINITY_sp|P4433	rbsK	Ribokinase OS=Haemo	37.20	0.00

TRINITY_sp|P3446gln-2	Probable glutamine	37.20	0.00
TRINITY_sp|Q6GL7grtp1	Growth hormone-regu	37.20	0.00
TRINITY_sp|Q8RXCCLC-F	Chloride channel pr	37.20	0.00
TRINITY_sp|P7777yajO	Uncharacterized oxi	37.20	0.00
TRINITY_sp|Q0IH2spef1	Sperm flagellar pro	37.20	0.00
TRINITY_sp|Q54Lmvps13D	Putative vacuolar p	37.20	0.00
TRINITY_sp|O1382dcp2	mRNA decapping comp	37.20	0.00
TRINITY_sp|Q9VW(1(3)76BI	E3 ubiquitin-protei	37.20	0.00
TRINITY_sp|Q9P2ICHHD7	Chromodomain-helica	37.20	0.00
TRINITY_sp|A1ZA1CG5065	Putative fatty acyl	37.20	0.00
TRINITY_sp|Q9JL(Capn15	Calpain-15 OS=Mus m	37.20	0.00
TRINITY_sp|P3992SLN1	Osmosensing histidi	37.20	0.00
TRINITY_sp|P239(glcA	Glucan endo-1,3-bet	37.20	0.00
TRINITY_sp|Q9LZVPUB16	U-box domain-contai	37.20	0.00
TRINITY_sp|P4115CAPS	Calcyphosin OS=Oryc	37.20	0.00
TRINITY_sp|A4RF5PAN2	PAB-dependent poly(	37.20	0.00
TRINITY_sp|Q9SHIRRP44A	Exosome complex exo	37.20	0.00
TRINITY_sp|Q60HFTPP1	Tripeptidyl-peptida	37.20	0.00
TRINITY_sp|Q9UU8ppk34	Serine/threonine-pr	37.20	0.00
TRINITY_sp|Q8GUIMOS14	Transportin MOS14 O	37.20	0.00
TRINITY_sp|Q4P0HYOP1	Protein YOP1 OS=Ust	37.20	0.00
TRINITY_sp|Q6PCippt2-a	Lysosomal thioester	37.20	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	37.20	0.00
TRINITY_sp|P1097-	Retrovirus-related	37.20	0.00
TRINITY_sp|P0922-	25 kDa calcium-bind	37.20	0.00
TRINITY_sp|Q5EB5Wdr70	WD repeat-containin	37.20	0.00
TRINITY_sp|Q94B(Atlg7181	Uncharacterized aar	37.20	0.00
TRINITY_sp|Q9T07LACS4	Long chain acyl-CoA	37.20	0.00
TRINITY_sp|Q641Mtmem18	Transmembrane prote	37.20	0.00
TRINITY_sp|Q8IYFCDC146	Coiled-coil domain-	37.20	0.00
TRINITY_sp|P3987EXO1	Exodeoxyribonucleas	37.20	0.00
TRINITY_sp|Q8S92ATG8E	Autophagy-related p	37.20	0.00
TRINITY_sp|Q8H07UPL2	E3 ubiquitin-protei	37.20	0.00
TRINITY_sp|Q54Y(ctrappc5	Trafficking protein	37.10	0.00
TRINITY_sp|Q2731-	Gelsolin, cytoplasm	37.10	0.00
TRINITY_sp|Q9BZ(ABCA2	ATP-binding cassett	37.10	0.00
TRINITY_sp|Q9QXN Trip4	Activating signal c	37.10	0.00
TRINITY_sp|A5PK1METTL13	Methyltransferase-1	37.10	0.00
TRINITY_sp|Q54B7abcB2	ABC transporter B f	37.10	0.00
TRINITY_sp|P0678CMD1	Calmodulin OS=Sacch	37.10	0.00
TRINITY_sp|Q921(Tubgcp2	Gamma-tubulin compl	37.10	0.00
TRINITY_sp|D9HP2CNR4	Cell number regulat	37.10	0.00
TRINITY_sp|Q8IV(HERC6	Probable E3 ubiquit	37.10	0.00
TRINITY_sp|P4346scrK	Fructokinase OS=Ped	37.10	0.00
TRINITY_sp|Q1255hxA	Xanthine dehydrogen	37.10	0.00
TRINITY_sp|Q136(PEX6	Peroxisome assembly	37.10	0.00
TRINITY_sp|O3155yfhM	AB hydrolase superf	37.10	0.00
TRINITY_sp|Q3924PP2AB2	Serine/threonine pr	37.10	0.00
TRINITY_sp|Q9P27USP36	Ubiquitin carboxyl-	37.10	0.00
TRINITY_sp|Q54E3gacEE	Rho GTPase-activati	37.10	0.00
TRINITY_sp|Q54S4spt16	FACT complex subuni	37.10	0.00
TRINITY_sp|Q54DumcfP	Mitochondrial subst	37.10	0.00
TRINITY_sp|P552(BRPF1	Peregrin OS=Homo sa	37.10	0.00
TRINITY_sp|P9WK8nlhH	Carboxylesterase N1	37.10	0.00
TRINITY_sp|Q5RJ5Mctp2	Multiple C2 and tra	37.10	0.00
TRINITY_sp|Q9WWalkJ	Alcohol dehydrogena	37.10	0.00

TRINITY_sp|Q9ZV|GTF2H2	General transcripti	37.10	0.00
TRINITY_sp|P912|gst-8	Probable glutathion	37.10	0.00
TRINITY_sp|Q2HJ|MEST	Mesoderm-specific t	37.10	0.00
TRINITY_sp|Q9NP|ACP6	Lysophosphatidic ac	37.10	0.00
TRINITY_sp|Q0MQ|NDUFA12	NADH dehydrogenase	37.10	0.00
TRINITY_sp|Q940|SRK2E	Serine/threonine-pr	37.10	0.00
TRINITY_sp|Q10X|infb	Translation initiat	37.10	0.00
TRINITY_sp|Q94F|PAP1	Plastid lipid-assoc	37.10	0.00
TRINITY_sp|Q54K|ccbl	Kynurenine--oxoglut	37.10	0.00
TRINITY_sp|G5EC|gba-3	Putative glucosylce	37.10	0.00
TRINITY_sp|Q94A|At4g2770	(Rhodanese-like doma	37.10	0.00
TRINITY_sp|Q5ZI|TAF2	Transcription initi	37.10	0.00
TRINITY_sp|P129|PEPD	Xaa-Pro dipeptidase	37.10	0.00
TRINITY_sp|Q552|gefY	Ras guanine nucleot	37.10	0.00
TRINITY_sp|P978|Ctsc	Dipeptidyl peptidas	37.10	0.00
TRINITY_sp|Q55E|cyp524A1	Probable cytochrome	37.10	0.00
TRINITY_sp|Q8AX|kit	Mast/stem cell grow	37.10	0.00
TRINITY_sp|O427|BMH1	14-3-3 protein homo	37.10	0.00
TRINITY_sp|P586|glk	Glucokinase OS=Nost	37.10	0.00
TRINITY_sp|P511|RAB5C	Ras-related protein	37.10	0.00
TRINITY_sp|Q8BZ|Dcun1d2	DCN1-like protein 2	37.10	0.00
TRINITY_sp|Q556|sl10005	Uncharacterized pro	37.10	0.00
TRINITY_sp|Q550|captC	Uncharacterized CDP	37.10	0.00
TRINITY_sp|O225|STY8	Serine/threonine-pr	37.10	0.00
TRINITY_sp|Q9ZT|PSAM2	Secretory carrier-a	37.10	0.00
TRINITY_sp|Q9ZT|MERD2	ER lumen protein-re	37.10	0.00
TRINITY_sp|Q9LF|PUB1	Probable ubiquitin	37.10	0.00
TRINITY_sp|Q8L5|TFCD	Tubulin-folding cof	37.10	0.00
TRINITY_sp|O147|TCERG1	Transcription elong	37.10	0.00
TRINITY_sp|A8N5|EFG1	rRNA-processing pro	37.10	0.00
TRINITY_sp|Q8IB|CPK4	Calcium-dependent p	37.10	0.00
TRINITY_sp|Q804|smib1	E3 ubiquitin-protei	37.10	0.00
TRINITY_sp|Q6PC|nmnat2	Nicotinamide/nicoti	37.10	0.00
TRINITY_sp|Q75K|ncsA	Calcium-binding pro	37.10	0.00
TRINITY_sp|O599|LIP	Lipase OS=Thermomyc	37.10	0.00
TRINITY_sp|Q9ZG|pikAII	Narbonolide/10-deox	37.10	0.00
TRINITY_sp|Q9BX|BRIP1	Fanconi anemia grou	37.10	0.00
TRINITY_sp|Q7YR|EXOSC4	Exosome complex com	37.10	0.00
TRINITY_sp|Q9C5|PAT22	Probable protein S-	37.10	0.00
TRINITY_sp|Q9H8|CNTD2	Cyclin N-terminal d	37.10	0.00
TRINITY_sp|P041|Myb	Myb protein OS=Dros	37.10	0.00
TRINITY_sp|Q3UG|Wdr19	WD repeat-containin	37.10	0.00
TRINITY_sp|Q9M3|PAT05	Probable protein S-	37.10	0.00
TRINITY_sp|Q8GW|NDA1	Internal alternativ	37.10	0.00
TRINITY_sp|Q6VV|Npr2	Atrial natriuretic	37.10	0.00
TRINITY_sp|Q54Y|dhkB	Hybrid signal trans	37.10	0.00
TRINITY_sp|Q96J|ITCH	E3 ubiquitin-protei	37.00	0.00
TRINITY_sp|Q55F|plbG	Phospholipase B-lik	37.00	0.00
TRINITY_sp|Q54Y|dhkB	Hybrid signal trans	37.00	0.00
TRINITY_sp|Q6Z8|WEE1	Wee1-like protein k	37.00	0.00
TRINITY_sp|Q06A|RAB32	Ras-related protein	37.00	0.00
TRINITY_sp|O890|Tpp1	Tripeptidyl-peptida	37.00	0.00
TRINITY_sp|P627|VSNL1	Visinin-like protei	37.00	0.00
TRINITY_sp|P583|arcB	Aerobic respiration	37.00	0.00
TRINITY_sp|Q941|BON1	Protein BONZAI 1 OS	37.00	0.00
TRINITY_sp|Q6GR|spopl	Speckle-type POZ pr	37.00	0.00

TRINITY_sp|O5852taw2	tRNA(Phe) (4-demeth	37.00	0.00
TRINITY_sp|Q1PF5EDA2	Probable serine pro	37.00	0.00
TRINITY_sp|Q0WU6FAB1A	1-phosphatidylinosi	37.00	0.00
TRINITY_sp|Q9S21LIP5	Protein HOMOLOG OF	37.00	0.00
TRINITY_sp|Q68E6flad1	FAD synthase OS=Dan	37.00	0.00
TRINITY_sp|P3952DRS2	Probable phospholip	37.00	0.00
TRINITY_sp|Q86Y6CPNE8	Copine-8 OS=Homo sa	37.00	0.00
TRINITY_sp|Q0597RAB2	Ras-related protein	37.00	0.00
TRINITY_sp|P7378slr1251	Peptidyl-prolyl cis	37.00	0.00
TRINITY_sp|Q9M96At1g7828	F-box protein At1g7	37.00	0.00
TRINITY_sp|Q69T6OPR2	Putative 12-oxophyt	37.00	0.00
TRINITY_sp|Q9LP6At1g5059	Pirin-like protein	37.00	0.00
TRINITY_sp|O3461ytqB	Putative rRNA methy	37.00	0.00
TRINITY_sp|P5836arcB	Aerobic respiration	37.00	0.00
TRINITY_sp|O1391hpt1	Hypoxanthine-guanin	37.00	0.00
TRINITY_sp|Q8L76SDN5	Small RNA degrading	37.00	0.00
TRINITY_sp|Q9CQ6Tmem216	Transmembrane prote	37.00	0.00
TRINITY_sp|Q9SI1DSK2B	Ubiquitin domain-co	37.00	0.00
TRINITY_sp|B4LN4Adam	Eukaryotic translat	37.00	0.00
TRINITY_sp|P0CE6tala	Talin-A OS=Dictyost	37.00	0.00
TRINITY_sp|P7316trmB	tRNA (guanine-N(7)-	37.00	0.00
TRINITY_sp|P5017Rdh2	Retinol dehydrogena	37.00	0.00
TRINITY_sp|Q9P36bdb14	E3 ubiquitin-protei	37.00	0.00
TRINITY_sp|Q6NRI6snx33	Sorting nexin-33 OS	37.00	0.00
TRINITY_sp|Q9H46PIGU	Phosphatidylinosito	37.00	0.00
TRINITY_sp|Q4KL6chpt1	Cholinephosphotrans	37.00	0.00
TRINITY_sp|Q8WS6IP3R	Inositol 1,4,5-tris	37.00	0.00
TRINITY_sp|P1056SSA1	Heat shock protein	37.00	0.00
TRINITY_sp|Q17R6DHX38	Pre-mRNA-splicing f	37.00	0.00
TRINITY_sp|Q86H6fcf45-1	Counting factor 45-	37.00	0.00
TRINITY_sp|Q7ZV6abhd17c	Protein ABHD17C OS=	37.00	0.00
TRINITY_sp|Q9M06At4g3264	Protein transport p	37.00	0.00
TRINITY_sp|Q9P26IDNAH1	Dynein heavy chain	37.00	0.00
TRINITY_sp|Q9FJ6At5g5673	Zinc protease PQQL-	37.00	0.00
TRINITY_sp|Q1ZX6fgxcDD	Guanine exchange fa	37.00	0.00
TRINITY_sp|P3416racB	Rho-related protein	37.00	0.00
TRINITY_sp|Q0276MAP3K10	Mitogen-activated p	37.00	0.00
TRINITY_sp|F1RC6trip12	E3 ubiquitin-protei	37.00	0.00
TRINITY_sp|Q7KQ6IARF1	ADP-ribosylation fa	37.00	0.00
TRINITY_sp|P5906NLRP5	NACHT, LRR and PYD	37.00	0.00
TRINITY_sp|Q5ZK6IMOV10	Putative helicase M	37.00	0.00
TRINITY_sp|Q9W66PTPRJ	Receptor-type tyros	37.00	0.00
TRINITY_sp|O5256cah	Carbonic anhydrase	36.90	0.00
TRINITY_sp|O6266SI	Sucrase-isomaltase,	36.90	0.00
TRINITY_sp|Q9ST6CIPK8	CBL-interacting ser	36.90	0.00
TRINITY_sp|F4IU6UPF2	Regulator of nonsen	36.90	0.00
TRINITY_sp|G5EF6pak-2	Serine/threonine-pr	36.90	0.00
TRINITY_sp|Q28Y6GA21225	Zinc finger CCCH do	36.90	0.00
TRINITY_sp|P3526Rab12	Ras-related protein	36.90	0.00
TRINITY_sp|P6186-	Lipase OS=Rhizopus	36.90	0.00
TRINITY_sp|P9656topB	DNA topoisomerase 3	36.90	0.00
TRINITY_sp|Q8696VDDB_G027	Probable myosin lig	36.90	0.00
TRINITY_sp|P2876GRN	Granulins OS=Homo s	36.90	0.00
TRINITY_sp|Q94A6At1g6202	Coatomer subunit al	36.90	0.00
TRINITY_sp|Q1696-	Neurocalcin OS=Aply	36.90	0.00
TRINITY_sp|Q8N96WDSUB1	WD repeat, SAM and	36.90	0.00

TRINITY_sp|Q95N(DIO1	Type I iodothyronin	36.90	0.00
TRINITY_sp|Q8R3I(Tbc1d13	TBC1 domain family	36.90	0.00
TRINITY_sp|P405(YIR042C	Uncharacterized pro	36.90	0.00
TRINITY_sp|Q28I(cops3	COP9 signalosome co	36.90	0.00
TRINITY_sp|F4IP(SYCO	Cysteine--tRNA liga	36.90	0.00
TRINITY_sp|Q55D(vgacZ	Rho GTPase-activati	36.90	0.00
TRINITY_sp|Q3MI(Echdc3	Enoyl-CoA hydratase	36.90	0.00
TRINITY_sp|Q91V(Abca7	ATP-binding cassett	36.90	0.00
TRINITY_sp|Q7K5(Ttd14	TRPL translocation	36.90	0.00
TRINITY_sp|Q9QZ(Dcun1d1	DCN1-like protein 1	36.90	0.00
TRINITY_sp|P468(KIN14N	Kinesin-like protei	36.90	0.00
TRINITY_sp|Q993I(TY3B-G	Transposon Ty3-G Ga	36.90	0.00
TRINITY_sp|Q9H1(ANAPC1	Anaphase-promoting	36.90	0.00
TRINITY_sp|A0BK(GSPATT0	Protein SEY1 homolo	36.90	0.00
TRINITY_sp|Q9ZV(CUL3A	Cullin-3A OS=Arabid	36.90	0.00
TRINITY_sp|Q54P(dlcA	Dynein light chain	36.90	0.00
TRINITY_sp|Q4V8(Wdr78	WD repeat-containin	36.90	0.00
TRINITY_sp|Q8L7(GSTT2	Glutathione S-trans	36.90	0.00
TRINITY_sp|Q3MH(SPTLC1	Serine palmitoyltra	36.90	0.00
TRINITY_sp|O757(TRPA1	Transient receptor	36.90	0.00
TRINITY_sp|P478I(Pdcd2	Programmed cell dea	36.90	0.00
TRINITY_sp|Q098(ayr1	NADPH-dependent 1-a	36.90	0.00
TRINITY_sp|P239(amp	Mitochondrial-proce	36.90	0.00
TRINITY_sp|P492(mao	Amine oxidase [flav	36.90	0.00
TRINITY_sp|Q1JP(EIF4H	Eukaryotic translat	36.90	0.00
TRINITY_sp|P110(RAB3A	Ras-related protein	36.90	0.00
TRINITY_sp|Q9BQ(NUDT12	Peroxisomal NADH py	36.90	0.00
TRINITY_sp|Q8TD(DNAH3	Dynein heavy chain	36.90	0.00
TRINITY_sp|Q74F(vtdcB	L-threonine ammonia	36.90	0.00
TRINITY_sp|Q8K2(Ipo11	Importin-11 OS=Mus	36.90	0.00
TRINITY_sp|Q111(wht-1	ABC transporter ATP	36.90	0.00
TRINITY_sp|P386(PDIA6	Protein disulfide-i	36.90	0.00
TRINITY_sp|Q8N5(CAMKK1	Calcium/calmodulin-	36.90	0.00
TRINITY_sp|O043(B'BETA	Serine/threonine pr	36.90	0.00
TRINITY_sp|Q96H(FREEP6	Receptor expression	36.90	0.00
TRINITY_sp|P932(VPS41	Vacuolar protein so	36.90	0.00
TRINITY_sp|Q9FP(EDR1	Serine/threonine-pr	36.90	0.00
TRINITY_sp|Q8TAC(JOSD2	Josephin-2 OS=Homo	36.90	0.00
TRINITY_sp|Q8IS(gefJ	Ras guanine nucleot	36.90	0.00
TRINITY_sp|Q5M7(PAT12	Probable protein S-	36.90	0.00
TRINITY_sp|Q9QX(Tbl1x	F-box-like/WD repea	36.90	0.00
TRINITY_sp|Q1ZX(HgxcDD	Guanine exchange fa	36.90	0.00
TRINITY_sp|Q5MB(ABCG2	ATP-binding cassett	36.90	0.00
TRINITY_sp|Q8RVI(IDEK1	Calpain-type cystei	36.90	0.00
TRINITY_sp|O597(ark1	Serine/threonine-pr	36.90	0.00
TRINITY_sp|A6QR(USP4	Ubiquitin carboxyl-	36.90	0.00
TRINITY_sp|Q408(EMB8	Embryogenesis-assoc	36.90	0.00
TRINITY_sp|P395(DRS2	Probable phospholip	36.90	0.00
TRINITY_sp|P227I(Gucylb2	Guanylate cyclase s	36.90	0.00
TRINITY_sp|Q9S7(SYN1	Sister chromatid co	36.90	0.00
TRINITY_sp|Q0V9(Fdis312	DIS3-like exonuclea	36.90	0.00
TRINITY_sp|Q6WN(CD4	Acyl-lipid (7-3)-de	36.90	0.00
TRINITY_sp|Q080(TEF1	Elongation factor 1	36.90	0.00
TRINITY_sp|Q54B(dyrc2	Probable serine/thr	36.90	0.00
TRINITY_sp|P253(mlkA	Myosin light chain	36.90	0.00
TRINITY_sp|Q54KI(DDB_G02	TPR repeat-containi	36.90	0.00

TRINITY_sp|O9747ancA	Mitochondrial subst	36.90	0.00
TRINITY_sp|Q8Z4Myhfr	Uncharacterized pro	36.80	0.00
TRINITY_sp|P0979CDC16	Anaphase-promoting	36.80	0.00
TRINITY_sp|Q1411VEZF1	Vascular endothelia	36.80	0.00
TRINITY_sp|Q9P25RCC2	Protein RCC2 OS=Hom	36.80	0.00
TRINITY_sp|Q55F0tipC	Putative vacuolar p	36.80	0.00
TRINITY_sp|Q8NDIPAPD5	Non-canonical poly(	36.80	0.00
TRINITY_sp|Q9FG(ATO	Splicing factor SF3	36.80	0.00
TRINITY_sp|Q54C1rrp8	Ribosomal RNA-proce	36.80	0.00
TRINITY_sp|Q9M17FAP1	Fatty-acid-binding	36.80	0.00
TRINITY_sp|O1436naf1	H/ACA ribonucleopro	36.80	0.00
TRINITY_sp|P4902PXN	Paxillin OS=Gallus	36.80	0.00
TRINITY_sp|Q5ZITRAB10	Ras-related protein	36.80	0.00
TRINITY_sp|P4329RD21A	Cysteine proteinase	36.80	0.00
TRINITY_sp|Q6UX(DHRS13	Dehydrogenase/reduc	36.80	0.00
TRINITY_sp|Q7K55Ttd14	TRPL translocation	36.80	0.00
TRINITY_sp|C6KTISET1	Putative histone-ly	36.80	0.00
TRINITY_sp|Q9CA2TKPR2	Tetraketide alpha-p	36.80	0.00
TRINITY_sp|Q68F0-	Uncharacterized pro	36.80	0.00
TRINITY_sp|P9089F56F10.1	Putative serine pro	36.80	0.00
TRINITY_sp|Q5JVIEFH1	EF-hand domain-cont	36.80	0.00
TRINITY_sp|Q499USlc25a38	Solute carrier fami	36.80	0.00
TRINITY_sp|Q8NI9WDR36	WD repeat-containin	36.80	0.00
TRINITY_sp|P7659yfeX	Probable deferroche	36.80	0.00
TRINITY_sp|O356(Abca4	Retinal-specific AT	36.80	0.00
TRINITY_sp|Q6IRIabhd13	Protein ABHD13 OS=X	36.80	0.00
TRINITY_sp|Q54WVDDDB_G027	Probable serine/thr	36.80	0.00
TRINITY_sp|Q9T0(LACS5	Long chain acyl-CoA	36.80	0.00
TRINITY_sp|P5779ALA12	Probable phospholip	36.80	0.00
TRINITY_sp|Q16X9AAEL0089	Regulator of telome	36.80	0.00
TRINITY_sp|Q94EJAt3g1441	Probable sugar phos	36.80	0.00
TRINITY_sp|Q554IbzipJ	Probable basic-leuc	36.80	0.00
TRINITY_sp|Q2HJ9FAHD1	Acylpyruvase FAHD1,	36.80	0.00
TRINITY_sp|Q1ZXHgxcdD	Guanine exchange fa	36.80	0.00
TRINITY_sp|Q96FKIF12	Kinesin-like protei	36.80	0.00
TRINITY_sp|Q921(Brwd1	Bromodomain and WD	36.80	0.00
TRINITY_sp|Q7X6IRUS1	Protein root UVB se	36.80	0.00
TRINITY_sp|Q4PKICLCN7	H(+)/Cl(-) exchange	36.80	0.00
TRINITY_sp|Q4V3EMRG2	Protein MRG2 OS=Ara	36.80	0.00
TRINITY_sp|Q9CR2Nudt8	Nucleoside diphosph	36.80	0.00
TRINITY_sp|Q75KIATG4A	Cysteine protease A	36.80	0.00
TRINITY_sp|O3159yfhM	AB hydrolase superf	36.80	0.00
TRINITY_sp|Q9C79AERO1	Endoplasmic reticul	36.80	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	36.80	0.00
TRINITY_sp|Q8Z0fcysA	Sulfate/thiosulfate	36.80	0.00
TRINITY_sp|O0026SUPT5H	Transcription elong	36.80	0.00
TRINITY_sp|Q6TMfpoxA	Peroxiectin A OS=D	36.80	0.00
TRINITY_sp|O0029PSMD9	26S proteasome non-	36.80	0.00
TRINITY_sp|Q5EA9ABHD4	Protein ABHD4 OS=Bo	36.80	0.00
TRINITY_sp|B8BM1OsI_3745	Pyruvate kinase 2,	36.80	0.00
TRINITY_sp|P4059NEO1	Probable phospholip	36.80	0.00
TRINITY_sp|Q9929GRESAG	Receptor-type adeny	36.80	0.00
TRINITY_sp|Q9R1USik1	Serine/threonine-pr	36.80	0.00
TRINITY_sp|B2GU9Usp4	Ubiquitin carboxyl-	36.80	0.00
TRINITY_sp|Q99L9Gstt3	Glutathione S-trans	36.80	0.00
TRINITY_sp|P1249-	Actin A OS=Trypanos	36.70	0.00

TRINITY_sp|Q9SEJWER	Transcription facto	36.70	0.00
TRINITY_sp|Q6361Vps33a	Vacuolar protein so	36.70	0.00
TRINITY_sp|Q8NFFNUP37	Nucleoporin Nup37 O	36.70	0.00
TRINITY_sp|Q2KHLEXOSC8	Exosome complex com	36.70	0.00
TRINITY_sp|Q2362tgt-1	Queuine tRNA-ribosy	36.70	0.00
TRINITY_sp|P5457USP14	Ubiquitin carboxyl-	36.70	0.00
TRINITY_sp|Q8R77rplD	50S ribosomal prote	36.70	0.00
TRINITY_sp|Q55A9captA	Uncharacterized CDP	36.70	0.00
TRINITY_sp|Q9T01HMGB13	High mobility group	36.70	0.00
TRINITY_sp|Q95V2carmil	Protein CARMIL OS=D	36.70	0.00
TRINITY_sp|O8262VHA-G1	V-type proton ATPas	36.70	0.00
TRINITY_sp|P3475FAB1	1-phosphatidylinosi	36.70	0.00
TRINITY_sp|Q7ZV2pitrm1	Presequence proteas	36.70	0.00
TRINITY_sp|Q7SY2nt5c3	Cytosolic 5'-nucleo	36.70	0.00
TRINITY_sp|Q94BIFAO4B	Long-chain-alcohol	36.70	0.00
TRINITY_sp|P5584-	Probable 60S riboso	36.70	0.00
TRINITY_sp|Q9NV2UQCC1	Ubiquinol-cytochrom	36.70	0.00
TRINITY_sp|Q9TU2LMAN1	Protein ERGIC-53 OS	36.70	0.00
TRINITY_sp|Q0233ADA2	Transcriptional ada	36.70	0.00
TRINITY_sp|Q9961DNAJC7	DnaJ homolog subfam	36.70	0.00
TRINITY_sp|P4959ppm-2	Probable protein ph	36.70	0.00
TRINITY_sp|Q8NH2TLL11	Tubulin polyglutamy	36.70	0.00
TRINITY_sp|Q9CPI2Lipf	Gastric triacylglyc	36.70	0.00
TRINITY_sp|O6420	10 Endolysin A OS=Myco	36.70	0.00
TRINITY_sp|Q9LJ2At3g2248	Probable prefoldin	36.70	0.00
TRINITY_sp|O6010	(SPBC14F2 Alkaline phosphatas	36.70	0.00
TRINITY_sp|Q1462ITI4	Inter-alpha-trypsin	36.70	0.00
TRINITY_sp|Q9FJ2FUPF1	Regulator of nonsen	36.70	0.00
TRINITY_sp|Q9SS2HIPL1	HIPL1 protein OS=Ar	36.70	0.00
TRINITY_sp|Q49U2sat	Sulfate adenylyltra	36.70	0.00
TRINITY_sp|Q5842coaD	Phosphopantetheine	36.70	0.00
TRINITY_sp|Q54E2DDB_G022	Protein TEX261 homo	36.70	0.00
TRINITY_sp|Q9NW1RBM28	RNA-binding protein	36.70	0.00
TRINITY_sp|P0768HEXB	Beta-hexosaminidase	36.70	0.00
TRINITY_sp|Q9LX2GCN2	eIF-2-alpha kinase	36.70	0.00
TRINITY_sp|A7UX1egt-2	Hercynylcysteine su	36.70	0.00
TRINITY_sp|O1882AOAH	Acyloxyacyl hydroly	36.70	0.00
TRINITY_sp|Q9M02SCPL24	Serine carboxypepti	36.70	0.00
TRINITY_sp|Q8HY2ELAC2	Zinc phosphodiester	36.70	0.00
TRINITY_sp|Q0352Itk	Tyrosine-protein ki	36.70	0.00
TRINITY_sp|P2112P4HB	Protein disulfide-i	36.70	0.00
TRINITY_sp|Q4252FATA	Oleoyl-acyl carrier	36.70	0.00
TRINITY_sp|Q8BQ2Zdhhc14	Probable palmitoylt	36.70	0.00
TRINITY_sp|Q54D2DDB_G022	SET and MYND domain	36.70	0.00
TRINITY_sp|B7K22truA	tRNA pseudouridine	36.70	0.00
TRINITY_sp|P4852eIF-4E	Eukaryotic translat	36.70	0.00
TRINITY_sp|Q8R31Tcf25	Transcription facto	36.70	0.00
TRINITY_sp|Q8882PSPTO_11	Renalase OS=Pseudom	36.70	0.00
TRINITY_sp|Q9952MPHOSPH2	M-phase phosphoprot	36.70	0.00
TRINITY_sp|Q1ZX2hgxcDD	Guanine exchange fa	36.70	0.00
TRINITY_sp|Q9W02bab2	Protein bric-a-brac	36.70	0.00
TRINITY_sp|Q9FL2PAT06	Probable protein S-	36.70	0.00
TRINITY_sp|O9491PCF11	Pre-mRNA cleavage c	36.70	0.00
TRINITY_sp|Q9UT2SPAC25B2	Uncharacterized met	36.70	0.00
TRINITY_sp|Q7XJ2EB1A	Microtubule-associa	36.70	0.00
TRINITY_sp|P3842TIF5	Eukaryotic translat	36.70	0.00

TRINITY_sp|Q4FP3atpG	ATP synthase gamma	36.70	0.00
TRINITY_sp|Q54B1abcB2	ABC transporter B f	36.70	0.00
TRINITY_sp|F4IC1IWS1	Protein IWS1 homolo	36.70	0.00
TRINITY_sp|A8WX1CBG04561	Protein FAM50 homol	36.70	0.00
TRINITY_sp|Q7LH1TY3B-I	Transposon Ty3-I Ga	36.70	0.00
TRINITY_sp|Q6EU1Os02g067	Probable N6-adenosi	36.70	0.00
TRINITY_sp|Q54Y1ngap	Probable Ras GTPase	36.70	0.00
TRINITY_sp|Q54E1epnA	Epsin OS=Dictyostel	36.70	0.00
TRINITY_sp|Q8N11CYP4X1	Cytochrome P450 4X1	36.70	0.00
TRINITY_sp|Q9ZG1pikAII	Narbonolide/10-deox	36.70	0.00
TRINITY_sp|Q56X1NHX2	Sodium/hydrogen exc	36.70	0.00
TRINITY_sp|Q96P1ACAP3	Arf-GAP with coiled	36.70	0.00
TRINITY_sp|Q2QQ1CYCT1-1	Cyclin-T1-4 OS=Oryz	36.70	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	36.70	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	36.70	0.00
TRINITY_sp|Q9VY1Bap60	Brahma-associated p	36.70	0.00
TRINITY_sp|Q9691TMBIM1	Protein lifeguard 3	36.70	0.00
TRINITY_sp|Q6401slc37a3	Sugar phosphate exc	36.60	0.00
TRINITY_sp|O4331TXNL1	Thioredoxin-like pr	36.60	0.00
TRINITY_sp|Q9621MYB23	Transcription facto	36.60	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	36.60	0.00
TRINITY_sp|Q3UJ1Armc7	Armadillo repeat-co	36.60	0.00
TRINITY_sp|O2331ECI3	Enoyl-CoA delta iso	36.60	0.00
TRINITY_sp|P2591MXAN_59	Uncharacterized oxi	36.60	0.00
TRINITY_sp|Q1ZX1gxcDD	Guanine exchange fa	36.60	0.00
TRINITY_sp|Q1031yaf9	Protein AF-9 homolo	36.60	0.00
TRINITY_sp|Q54S1mcfU	Mitochondrial subst	36.60	0.00
TRINITY_sp|B7GI1Hobg	GTPase Obg OS=Anoxy	36.60	0.00
TRINITY_sp|Q1ZX1gxcDD	Guanine exchange fa	36.60	0.00
TRINITY_sp|Q4011-	LEC14B protein OS=L	36.60	0.00
TRINITY_sp|Q1LX1ints3	Integrator complex	36.60	0.00
TRINITY_sp|Q0KI1CG9801	PP2C-like domain-co	36.60	0.00
TRINITY_sp|Q8LP1BTS	Zinc finger protein	36.60	0.00
TRINITY_sp|Q9CP1rsuA	Ribosomal small sub	36.60	0.00
TRINITY_sp|B8AA1CEST	Protein CHLOROPLAST	36.60	0.00
TRINITY_sp|Q9C11SPBC713	Periodic tryptophan	36.60	0.00
TRINITY_sp|Q9W51CG43867	Uncharacterized pro	36.60	0.00
TRINITY_sp|Q0561CTR1	Serine/threonine-pr	36.60	0.00
TRINITY_sp|Q55F1plbG	Phospholipase B-lik	36.60	0.00
TRINITY_sp|Q9441dymA	Dynamin-A OS=Dictyo	36.60	0.00
TRINITY_sp|O9461bms1	Ribosome biogenesis	36.60	0.00
TRINITY_sp|Q5F31SBNO1	Protein strawberry	36.60	0.00
TRINITY_sp|Q9LI1TMN7	Transmembrane 9 sup	36.60	0.00
TRINITY_sp|Q80W1Gad11	Acidic amino acid d	36.60	0.00
TRINITY_sp|Q9FV1At1g5772	Probable elongation	36.60	0.00
TRINITY_sp|Q8NC1MTMR14	Myotubularin-relate	36.60	0.00
TRINITY_sp|Q1E31FES1	Hsp70 nucleotide ex	36.60	0.00
TRINITY_sp|O0021PSMD12	26S proteasome non-	36.60	0.00
TRINITY_sp|Q16A1crp10	50S ribosomal prote	36.60	0.00
TRINITY_sp|Q2SW1surE	5'-nucleotidase Sur	36.60	0.00
TRINITY_sp|A6QR1USP4	Ubiquitin carboxyl-	36.60	0.00
TRINITY_sp|Q7S71NCU06732	Leukotriene A-4 hyd	36.60	0.00
TRINITY_sp|Q8L81COG4	Conserved oligomeri	36.60	0.00
TRINITY_sp|Q8L91P4H7	Probable prolyl 4-h	36.60	0.00
TRINITY_sp|Q9ZU1At2g3724	Thioredoxin-like pr	36.60	0.00
TRINITY_sp|O1581CPK2	Calcium-dependent p	36.60	0.00

TRINITY_sp|O0783dapb1	Dipeptidyl aminopep	36.60	0.00
TRINITY_sp|Q8GY2UPL1	E3 ubiquitin-protei	36.60	0.00
TRINITY_sp|Q86K2cpnB-1	Copine-B OS=Dictyos	36.60	0.00
TRINITY_sp|Q8RW1STY17	Serine/threonine-pr	36.60	0.00
TRINITY_sp|Q4356CCAMK	Calcium and calcium	36.60	0.00
TRINITY_sp|Q9EPIAcox3	Peroxisomal acyl-co	36.60	0.00
TRINITY_sp|P3285STX2	Syntaxin-2 OS=Homo	36.50	0.00
TRINITY_sp|Q9W25BTBD9	BTB/POZ domain-cont	36.50	0.00
TRINITY_sp|Q9AT7FAD2	Delta(12) fatty aci	36.50	0.00
TRINITY_sp|O1385its3	Phosphatidylinosito	36.50	0.00
TRINITY_sp|P4457arcB	Aerobic respiration	36.50	0.00
TRINITY_sp|Q08B7slc38a9	Sodium-coupled neut	36.50	0.00
TRINITY_sp|Q8RB1coaE	Dephospho-CoA kinas	36.50	0.00
TRINITY_sp|Q2MH1HT1	Serine/threonine-pr	36.50	0.00
TRINITY_sp|P9815ATP8B2	Phospholipid-transp	36.50	0.00
TRINITY_sp|Q5413pyk3	Dual specificity pr	36.50	0.00
TRINITY_sp|Q1355CAMK2G	Calcium/calmodulin-	36.50	0.00
TRINITY_sp|Q7XJ6FAAH	Fatty acid amide hy	36.50	0.00
TRINITY_sp|Q1015lkh1	Dual specificity pr	36.50	0.00
TRINITY_sp|Q8X11-	Actin OS=Exophiala	36.50	0.00
TRINITY_sp|Q4WX7pdcA	Pyruvate decarboxyl	36.50	0.00
TRINITY_sp|Q1PF5EDA2	Probable serine pro	36.50	0.00
TRINITY_sp|Q6345Mapk4	Mitogen-activated p	36.50	0.00
TRINITY_sp|P3472RAS-2	Ras-like protein 2	36.50	0.00
TRINITY_sp|Q54Q1yipf5	Protein YIPF5 homol	36.50	0.00
TRINITY_sp|Q5RC5NBR1	Next to BRCA1 gene	36.50	0.00
TRINITY_sp|P9WN4egtD	Histidine N-alpha-m	36.50	0.00
TRINITY_sp|Q5U21Zfand2a	AN1-type zinc finge	36.50	0.00
TRINITY_sp|Q6P51Uggt1	UDP-glucose:glycopr	36.50	0.00
TRINITY_sp|P4356RIM15	Serine/threonine-pr	36.50	0.00
TRINITY_sp|Q0966SPAC13C5	Putative glutamine	36.50	0.00
TRINITY_sp|Q5YLEGYRA	DNA gyrase subunit	36.50	0.00
TRINITY_sp|Q4UM1RF_0314	Putative ankyrin re	36.50	0.00
TRINITY_sp|Q86C2dhkK	Hybrid signal trans	36.50	0.00
TRINITY_sp|Q9SF1At3g0710	Protein transport p	36.50	0.00
TRINITY_sp|Q8N55AADAT	Kynurenine/alpha-am	36.50	0.00
TRINITY_sp|Q9WW1alkJ	Alcohol dehydrogena	36.50	0.00
TRINITY_sp|Q1466TRIP12	E3 ubiquitin-protei	36.50	0.00
TRINITY_sp|O8062At2g3936	Probable receptor-1	36.50	0.00
TRINITY_sp|Q8W26CSN6A	COP9 signalosome co	36.50	0.00
TRINITY_sp|Q8LP1MYB86	Transcription facto	36.50	0.00
TRINITY_sp|Q8LP1MYB86	Transcription facto	36.50	0.00
TRINITY_sp|A1CQ1ACLA_026	Eukaryotic translat	36.50	0.00
TRINITY_sp|Q0071mdmC	O-methyltransferase	36.50	0.00
TRINITY_sp|Q9M91At1g7828	F-box protein At1g7	36.50	0.00
TRINITY_sp|Q9401ARID3	AT-rich interactive	36.50	0.00
TRINITY_sp|O2366TOC33	Translocase of chlo	36.50	0.00
TRINITY_sp|P8377GRP2	Putative NADPH-depe	36.50	0.00
TRINITY_sp|Q8L71ESCPL20	Serine carboxypepti	36.50	0.00
TRINITY_sp|Q55E1DDB_G026	Probable serine/thr	36.50	0.00
TRINITY_sp|P4597CBX5	Chromobox protein h	36.50	0.00
TRINITY_sp|Q5RD1CSTF3	Cleavage stimulatio	36.50	0.00
TRINITY_sp|Q55A1DDB_G027	Probable serine/thr	36.50	0.00
TRINITY_sp|Q9SJ2DJA6	Chaperone protein d	36.50	0.00
TRINITY_sp|Q54W1DDB_0206	Protein SEY1 homolo	36.50	0.00
TRINITY_sp|Q5551vps13B	Putative vacuolar p	36.50	0.00

TRINITY_sp|B1AZ|Thoc2	THO complex subunit	36.50	0.00
TRINITY_sp|Q95K|IRNF125	E3 ubiquitin-protei	36.50	0.00
TRINITY_sp|Q2JN|ftsH	ATP-dependent zinc	36.50	0.00
TRINITY_sp|P388|TRA1	Transcription-assoc	36.50	0.00
TRINITY_sp|Q93Y|ABCG22	ABC transporter G f	36.50	0.00
TRINITY_sp|Q993|TY3B-G	Transposon Ty3-G Ga	36.50	0.00
TRINITY_sp|A8XN|sgk-1	Serine/threonine-pr	36.50	0.00
TRINITY_sp|P535|Cebpz	CCAAT/enhancer-bind	36.50	0.00
TRINITY_sp|O956|FGFR1OP	FGFR1 oncogene part	36.50	0.00
TRINITY_sp|Q9SH|HMA5	Probable copper-tra	36.50	0.00
TRINITY_sp|Q55A|(DDB_G02	Probable serine/thr	36.50	0.00
TRINITY_sp|Q145|ITPR2	Inositol 1,4,5-tris	36.50	0.00
TRINITY_sp|Q9FG|FTSH11	ATP-dependent zinc	36.50	0.00
TRINITY_sp|F4IV|CHR5	Protein CHROMATIN R	36.50	0.00
TRINITY_sp|O150|TRANK1	TPR and ankyrin rep	36.50	0.00
TRINITY_sp|Q7LH|TY3B-I	Transposon Ty3-I Ga	36.50	0.00
TRINITY_sp|P341|fhkC	Probable serine/thr	36.40	0.00
TRINITY_sp|Q9LZ|INCS1	Purine-uracil perme	36.40	0.00
TRINITY_sp|Q7SY|arl2bp	ADP-ribosylation fa	36.40	0.00
TRINITY_sp|Q9FW|ABCB12	ABC transporter B f	36.40	0.00
TRINITY_sp|P117|(CYP3A6	Cytochrome P450 3A6	36.40	0.00
TRINITY_sp|Q86H|mrt4	Ribosome assembly f	36.40	0.00
TRINITY_sp|P086|R	Ras-like protein 3	36.40	0.00
TRINITY_sp|Q99J|Def8	Differentially expr	36.40	0.00
TRINITY_sp|Q9US|snx12	Sorting nexin-12 OS	36.40	0.00
TRINITY_sp|Q0CH|sec13	Protein transport p	36.40	0.00
TRINITY_sp|Q8BW|Ip6k3	Inositol hexakispho	36.40	0.00
TRINITY_sp|Q55B|ufd1	Ubiquitin fusion de	36.40	0.00
TRINITY_sp|Q9LX|PAP20	Probable purple aci	36.40	0.00
TRINITY_sp|P007|PGA	Pepsin A OS=Sus scr	36.40	0.00
TRINITY_sp|Q5XI|March7	E3 ubiquitin-protei	36.40	0.00
TRINITY_sp|A7SB|ints9	Integrator complex	36.40	0.00
TRINITY_sp|P005|Src64B	Tyrosine-protein ki	36.40	0.00
TRINITY_sp|O537|ufaA1	Tuberculostearic ac	36.40	0.00
TRINITY_sp|Q54U|lvsC	BEACH domain-contai	36.40	0.00
TRINITY_sp|Q8WN|ITPR3	Inositol 1,4,5-tris	36.40	0.00
TRINITY_sp|Q68W|ubiE	Ubiquinone/menaquin	36.40	0.00
TRINITY_sp|P538|DUG3	Probable glutamine	36.40	0.00
TRINITY_sp|Q8VY|ESP3	Pre-mRNA-splicing f	36.40	0.00
TRINITY_sp|O745|(SPCC594	Uncharacterized pro	36.40	0.00
TRINITY_sp|Q084|CKA2	Casein kinase II su	36.40	0.00
TRINITY_sp|Q9VU|Ran-like	GTP-binding nuclear	36.40	0.00
TRINITY_sp|P470|VTC4	Vacuolar transporte	36.40	0.00
TRINITY_sp|P199|Rplp0	60S acidic ribosoma	36.40	0.00
TRINITY_sp|Q3UJ|Usp19	Ubiquitin carboxyl-	36.40	0.00
TRINITY_sp|O138|its3	Phosphatidylinosito	36.40	0.00
TRINITY_sp|Q6K4|Os09g03	Aminopeptidase M1-D	36.40	0.00
TRINITY_sp|B6IS|tsf	Elongation factor T	36.40	0.00
TRINITY_sp|P341|racD	Rho-related protein	36.40	0.00
TRINITY_sp|P0C8|CCRP1	Probable serine/thr	36.40	0.00
TRINITY_sp|Q9EQ|Enpp5	Ectonucleotide pyro	36.40	0.00
TRINITY_sp|F4HT|CYP26-2	Peptidyl-prolyl cis	36.40	0.00
TRINITY_sp|Q051|(-	Venom allergen 5 OS	36.40	0.00
TRINITY_sp|Q76L|rbm24	RNA-binding protein	36.40	0.00
TRINITY_sp|Q7XW|Os04g02	Probable cleavage a	36.40	0.00
TRINITY_sp|Q32K|DNAL4	Dynein light chain	36.40	0.00

TRINITY_sp|Q7PC7PSD	Exportin-T OS=Arabi	36.40	0.00
TRINITY_sp|O8051CYCU4-1	Cyclin-U4-1 OS=Arab	36.40	0.00
TRINITY_sp|Q5A47SKN7	Transcription facto	36.40	0.00
TRINITY_sp|Q9D18Cfap57	Cilia- and flagella	36.40	0.00
TRINITY_sp|A1D37sds23	Protein sds23 OS=Ne	36.40	0.00
TRINITY_sp|O7444sif2	Sad1-interacting fa	36.40	0.00
TRINITY_sp|Q54N0cyb5r1	NADH-cytochrome b5	36.40	0.00
TRINITY_sp|P4959ppm-2	Probable protein ph	36.40	0.00
TRINITY_sp|Q5ZLH7MEM230	Transmembrane prote	36.40	0.00
TRINITY_sp|G3X90Sipal13	Signal-induced prol	36.40	0.00
TRINITY_sp|Q86H0cf45-1	Counting factor 45-	36.40	0.00
TRINITY_sp|O3485ykfA	Probable murein pep	36.40	0.00
TRINITY_sp|A0AU6wdsu1	WD repeat, SAM and	36.40	0.00
TRINITY_sp|Q8CH0Tt115	Tubulin polyglutamy	36.40	0.00
TRINITY_sp|Q0077cmkA	Calcium/calmodulin-	36.40	0.00
TRINITY_sp|Q55F9dlpA	Dynammin-like protei	36.40	0.00
TRINITY_sp|O2290At2g3410	Uncharacterized pro	36.40	0.00
TRINITY_sp|Q3SY0NOC2L	Nucleolar complex p	36.40	0.00
TRINITY_sp|F4JL1IMPA2	Importin subunit al	36.40	0.00
TRINITY_sp|P3410fhkC	Probable serine/thr	36.40	0.00
TRINITY_sp|Q6PD1Ecm29	Proteasome-associat	36.40	0.00
TRINITY_sp|Q0750YDL086W	Putative carboxymet	36.40	0.00
TRINITY_sp|Q54R0DDB_G020	Probable serine/thr	36.40	0.00
TRINITY_sp|Q6840RAP1GAP2	Rap1 GTPase-activat	36.40	0.00
TRINITY_sp|Q86H0prodh	Proline dehydrogena	36.40	0.00
TRINITY_sp|Q9Z30Itpr2	Inositol 1,4,5-tris	36.40	0.00
TRINITY_sp|Q6160Cbx5	Chromobox protein h	36.40	0.00
TRINITY_sp|Q7Z20EFL1	Elongation factor-1	36.40	0.00
TRINITY_sp|B9FX0Os07g050	Eukaryotic translat	36.40	0.00
TRINITY_sp|P5800CYP71B10	Cytochrome P450 71B	36.40	0.00
TRINITY_sp|F4K00KIN4C	Kinesin-like protei	36.40	0.00
TRINITY_sp|Q9N00EMOCOS	Molybdenum cofactor	36.40	0.00
TRINITY_sp|F4I80ILA	Protein ILITYHIA OS	36.40	0.00
TRINITY_sp|Q15K1PHYLLO	Protein PHYLLO, chl	36.40	0.00
TRINITY_sp|P5830arcB	Aerobic respiration	36.30	0.00
TRINITY_sp|Q6200CBG02880	Mitoferrin OS=Caeno	36.30	0.00
TRINITY_sp|Q9LU0PAP28	Probable inactive p	36.30	0.00
TRINITY_sp|Q6IN0flad1	FAD synthase OS=Xen	36.30	0.00
TRINITY_sp|O4330MSI1	RNA-binding protein	36.30	0.00
TRINITY_sp|P3520Rab17	Ras-related protein	36.30	0.00
TRINITY_sp|Q54X0captB	Uncharacterized CDP	36.30	0.00
TRINITY_sp|Q9V40Hcf	Host cell factor OS	36.30	0.00
TRINITY_sp|Q9D20Polr3h	DNA-directed RNA po	36.30	0.00
TRINITY_sp|Q9FK0THO3	THO complex subunit	36.30	0.00
TRINITY_sp|Q9C90VHA-E2	V-type proton ATPas	36.30	0.00
TRINITY_sp|Q8T60abcA7	ABC transporter A f	36.30	0.00
TRINITY_sp|Q54S0dhkD	Hybrid signal trans	36.30	0.00
TRINITY_sp|P9180Mo25	Protein Mo25 OS=Dro	36.30	0.00
TRINITY_sp|P0440-	Calmodulin OS=Triti	36.30	0.00
TRINITY_sp|O1570spnA	Protein spalten OS=	36.30	0.00
TRINITY_sp|Q9ZQ0ACX1.2	Putative peroxisoma	36.30	0.00
TRINITY_sp|O0440RABA2A	Ras-related protein	36.30	0.00
TRINITY_sp|A6VX0rpsI	30S ribosomal prote	36.30	0.00
TRINITY_sp|Q8N50FAM63A	Ubiquitin carboxyl-	36.30	0.00
TRINITY_sp|Q1050CPSF1	Cleavage and polyad	36.30	0.00
TRINITY_sp|Q54H0ctxA	Cortexillin-1 OS=Di	36.30	0.00

TRINITY_sp|Q6GR1maea	Macrophage erythro	36.30	0.00
TRINITY_sp|P3018TOP2	DNA topoisomerase 2	36.30	0.00
TRINITY_sp|Q86UYNAA40	N-alpha-acetyltrans	36.30	0.00
TRINITY_sp|Q86UCRSPH3	Radial spoke head p	36.30	0.00
TRINITY_sp|Q5ZLHSLC30A5	Zinc transporter 5	36.30	0.00
TRINITY_sp|O356(Abca4	Retinal-specific AT	36.30	0.00
TRINITY_sp|Q86IGach	Rho GTPase-activati	36.30	0.00
TRINITY_sp|Q8N5IRPP25L	Ribonuclease P prot	36.30	0.00
TRINITY_sp|Q9C5UAK4	Histidine kinase 4	36.30	0.00
TRINITY_sp|P2803AOAH	Acyloxyacyl hydroly	36.30	0.00
TRINITY_sp|Q9SG(RDR6	RNA-dependent RNA p	36.30	0.00
TRINITY_sp|Q1575HERC1	Probable E3 ubiquit	36.30	0.00
TRINITY_sp|Q9M72BCE2	Lipoamide acyltrans	36.30	0.00
TRINITY_sp|Q9ZSEUBP10	Ubiquitin carboxyl-	36.30	0.00
TRINITY_sp|Q7LHC(TY3B-I	Transposon Ty3-I Ga	36.30	0.00
TRINITY_sp|Q54C3folC	Putative folylpolyg	36.30	0.00
TRINITY_sp|Q9JJ5Abcb9	ATP-binding cassett	36.30	0.00
TRINITY_sp|Q9NX5KLHL28	Kelch-like protein	36.30	0.00
TRINITY_sp|Q0GGVSTK11	Serine/threonine-pr	36.30	0.00
TRINITY_sp|B8AJ7MRS2-I	Magnesium transport	36.30	0.00
TRINITY_sp|P5467pike	Phosphatidylinosito	36.30	0.00
TRINITY_sp|Q7TQC(Plekha6	Pleckstrin homology	36.30	0.00
TRINITY_sp|O4297SPBC20F1	Uncharacterized mem	36.30	0.00
TRINITY_sp|Q9NJUCPK3	Calcium-dependent p	36.30	0.00
TRINITY_sp|O5006FIM2	Fimbrin-2 OS=Arabid	36.30	0.00
TRINITY_sp|Q6ZF2ADL1	Calpain-type cystei	36.30	0.00
TRINITY_sp|Q9M9URKD1	Protein RKD1 OS=Ara	36.30	0.00
TRINITY_sp|Q2005wdr-48	WD repeat-containin	36.30	0.00
TRINITY_sp|P1097-	Retrovirus-related	36.30	0.00
TRINITY_sp|Q695UR0M1	Rhomboid-like prote	36.30	0.00
TRINITY_sp|A8MX3-	Putative IQ motif a	36.30	0.00
TRINITY_sp|Q9X24fabG	3-oxoacyl-[acyl-car	36.30	0.00
TRINITY_sp|P2319Cbx3	Chromobox protein h	36.20	0.00
TRINITY_sp|Q9ZR7ABCB1	ABC transporter B f	36.20	0.00
TRINITY_sp|Q8C0(Trim35	Tripartite motif-co	36.20	0.00
TRINITY_sp|Q8BH8-	UPF0317 protein C14	36.20	0.00
TRINITY_sp|Q1DN(CIMG_081	Very-long-chain 3-o	36.20	0.00
TRINITY_sp|Q54NIabcC9	ABC transporter C f	36.20	0.00
TRINITY_sp|Q9UTC(SPAC227.	Putative uridine ki	36.20	0.00
TRINITY_sp|O7044Syn3	Synapsin-3 OS=Rattu	36.20	0.00
TRINITY_sp|Q0VD1SMPD1	Sphingomyelin phosp	36.20	0.00
TRINITY_sp|Q5F46(SLC38A2	Sodium-coupled neut	36.20	0.00
TRINITY_sp|Q8S17Os01g092	Probable glucuronos	36.20	0.00
TRINITY_sp|Q5T5(ARHGAP21	Rho GTPase-activati	36.20	0.00
TRINITY_sp|P4859eIF-4E	Eukaryotic translat	36.20	0.00
TRINITY_sp|Q5XG5gtppb1	GTP-binding protein	36.20	0.00
TRINITY_sp|Q9NV1FANCI	Fanconi anemia grou	36.20	0.00
TRINITY_sp|Q6Q4(LVRN	Aminopeptidase Q OS	36.20	0.00
TRINITY_sp|Q8BJ3Marf1	Meiosis arrest fema	36.20	0.00
TRINITY_sp|Q5591s110286	Uncharacterized N-a	36.20	0.00
TRINITY_sp|Q8L64BB	E3 ubiquitin ligase	36.20	0.00
TRINITY_sp|O5995LIP	Lipase OS=Thermomyc	36.20	0.00
TRINITY_sp|Q9NI6Myt1	Membrane-associated	36.20	0.00
TRINITY_sp|Q8HYIACOX1	Peroxisomal acyl-co	36.20	0.00
TRINITY_sp|Q8T6(abcA7	ABC transporter A f	36.20	0.00
TRINITY_sp|P6234CPK1	Calcium-dependent p	36.20	0.00

TRINITY_sp|P1346abpC	Gelation factor OS=	36.20	0.00
TRINITY_sp|A4W46pnp	Polyribonucleotide	36.20	0.00
TRINITY_sp|Q9C76AERO1	Endoplasmic reticul	36.20	0.00
TRINITY_sp|Q54I6smt1	Probable cycloarten	36.20	0.00
TRINITY_sp|Q5586pcyA	Phycocyanobilin:fer	36.20	0.00
TRINITY_sp|P3754yabD	Uncharacterized met	36.20	0.00
TRINITY_sp|P1107ARF1	ADP-ribosylation fa	36.20	0.00
TRINITY_sp|Q9UK6NOCT	Nocturnin OS=Homo s	36.20	0.00
TRINITY_sp|Q54S6gbpD	Cyclic GMP-binding	36.20	0.00
TRINITY_sp|F4IRVATG1C	Serine/threonine-pr	36.20	0.00
TRINITY_sp|P9817RBM10	RNA-binding protein	36.20	0.00
TRINITY_sp|Q54I6shkB	Dual specificity pr	36.20	0.00
TRINITY_sp|Q9P76qcr1	Probable mitochondr	36.20	0.00
TRINITY_sp|P3556CLNS1A	Methylosome subunit	36.20	0.00
TRINITY_sp|P5566NGR_a016	Uncharacterized pep	36.20	0.00
TRINITY_sp|A2Y86PRMT7	Protein arginine N-	36.20	0.00
TRINITY_sp|D3YY6Lonrf1	LON peptidase N-ter	36.20	0.00
TRINITY_sp|Q8CD6Vcpip1	Deubiquitinating pr	36.20	0.00
TRINITY_sp|Q93Z6SPPL1	Signal peptide pept	36.20	0.00
TRINITY_sp|A1L16lox12b	Lysyl oxidase homol	36.20	0.00
TRINITY_sp|Q9DG6RAD54B	DNA repair and reco	36.20	0.00
TRINITY_sp|Q8696cpv1	Probable serine car	36.20	0.00
TRINITY_sp|Q8LE6ABCI11	ABC transporter I f	36.20	0.00
TRINITY_sp|Q5TR6AGAP0057	ATPase ASNA1 homolo	36.20	0.00
TRINITY_sp|Q55E6mcfE	Mitochondrial subst	36.20	0.00
TRINITY_sp|Q9FG6SNX1	Sorting nexin 1 OS=	36.20	0.00
TRINITY_sp|Q6RU6Ptx4	Pentraxin-4 OS=Mus	36.20	0.00
TRINITY_sp|Q66H6Ankzf1	Ankyrin repeat and	36.20	0.00
TRINITY_sp|Q9Z16ACOX1	Peroxisomal acyl-co	36.20	0.00
TRINITY_sp|O8246MTA	N6-adenosine-methyl	36.20	0.00
TRINITY_sp|E1C16FUSP47	Ubiquitin carboxyl-	36.20	0.00
TRINITY_sp|Q9P26SIPA1L2	Signal-induced prol	36.20	0.00
TRINITY_sp|P3856TTL	Tubulin--tyrosine l	36.20	0.00
TRINITY_sp|P0056Ab11	Tyrosine-protein ki	36.20	0.00
TRINITY_sp|P1096-	Retrovirus-related	36.20	0.00
TRINITY_sp|A5D76CDC25C	M-phase inducer pho	36.20	0.00
TRINITY_sp|P0436pol	Retrovirus-related	36.20	0.00
TRINITY_sp|Q8NE6ABCF1	ATP-binding cassett	36.20	0.00
TRINITY_sp|Q6416Hexa	Beta-hexosaminidase	36.20	0.00
TRINITY_sp|Q9D86Tmem41a	Transmembrane prote	36.20	0.00
TRINITY_sp|Q9UK6PARP4	Poly [ADP-ribose] p	36.20	0.00
TRINITY_sp|Q54R6dhkL	Hybrid signal trans	36.20	0.00
TRINITY_sp|Q9SZ6SAP7	Zinc finger A20 and	36.20	0.00
TRINITY_sp|Q8R76prs	Ribose-phosphate py	36.10	0.00
TRINITY_sp|O0486-	Alpha-glucosidase O	36.10	0.00
TRINITY_sp|Q9LT6VALIS1	ALA-interacting sub	36.10	0.00
TRINITY_sp|Q9H86RMND5A	Protein RMD5 homolo	36.10	0.00
TRINITY_sp|Q8TD6NEK9	Serine/threonine-pr	36.10	0.00
TRINITY_sp|Q9VY6Upf1	Regulator of nonsen	36.10	0.00
TRINITY_sp|Q54Y6dhkB	Hybrid signal trans	36.10	0.00
TRINITY_sp|Q5506rab11C	Ras-related protein	36.10	0.00
TRINITY_sp|O6216tag-175	Transmembrane prote	36.10	0.00
TRINITY_sp|Q8S96ATG8E	Autophagy-related p	36.10	0.00
TRINITY_sp|O7486esf1	Pre-rRNA-processing	36.10	0.00
TRINITY_sp|Q5R96ZFAND2A	AN1-type zinc finge	36.10	0.00
TRINITY_sp|G4RK6tpsp	Bifunctional trehal	36.10	0.00

TRINITY_sp|Q8K0C(Eipr1	Protein TSSC1 OS=Mu	36.10	0.00
TRINITY_sp|P3424(HCS1	DNA polymerase alph	36.10	0.00
TRINITY_sp|Q8ICFCPK2	Calcium-dependent p	36.10	0.00
TRINITY_sp|O0833(cypB	Bifunctional cytoch	36.10	0.00
TRINITY_sp|P7022(Itpr3	Inositol 1,4,5-tris	36.10	0.00
TRINITY_sp|P0387(AI2	Putative COX1/OXI3	36.10	0.00
TRINITY_sp|Q9SH8(At2g3799	Ribosome biogenesis	36.10	0.00
TRINITY_sp|P0505(alkB	Alpha-ketoglutarate	36.10	0.00
TRINITY_sp|Q8T19(omt3	O-methyltransferase	36.10	0.00
TRINITY_sp|Q8L85(PIP5K9	Phosphatidylinosito	36.10	0.00
TRINITY_sp|Q0562(Cbei_020	Uncharacterized pro	36.10	0.00
TRINITY_sp|B4NP(CIntS3	Integrator complex	36.10	0.00
TRINITY_sp|Q8H66(PHT1-6	Inorganic phosphate	36.10	0.00
TRINITY_sp|Q3SZ(NSFL1C	NSFL1 cofactor p47	36.10	0.00
TRINITY_sp|Q9BW(TPPP3	Tubulin polymerizat	36.10	0.00
TRINITY_sp|Q8VC(Plbd1	Phospholipase B-lik	36.10	0.00
TRINITY_sp|Q9LS2(GTE12	Transcription facto	36.10	0.00
TRINITY_sp|Q9Y3(ACOT9	Acyl-coenzyme A thi	36.10	0.00
TRINITY_sp|Q9SZ(FABCG9	ABC transporter G f	36.10	0.00
TRINITY_sp|Q9HF(B2J23.07	Acyl-protein thioes	36.10	0.00
TRINITY_sp|D4AYVARB_0137	ABC transporter G f	36.10	0.00
TRINITY_sp|Q9SF(OST1A	Dolichyl-diphosphoo	36.10	0.00
TRINITY_sp|O6055(EIF4E2	Eukaryotic translat	36.10	0.00
TRINITY_sp|Q54R(pyk	Pyruvate kinase OS=	36.10	0.00
TRINITY_sp|Q687(Enpp	Nucleotide pyrophos	36.10	0.00
TRINITY_sp|Q8631(OXSR1	Serine/threonine-pr	36.10	0.00
TRINITY_sp|Q067(CSR1	Phosphatidylinosito	36.10	0.00
TRINITY_sp|Q9M9(URKD1	Protein RKD1 OS=Ara	36.10	0.00
TRINITY_sp|Q8CI(Cog3	Conserved oligomeri	36.10	0.00
TRINITY_sp|Q8GY(MND1	Meiotic nuclear div	36.10	0.00
TRINITY_sp|Q928(ERCC4	DNA repair endonucl	36.10	0.00
TRINITY_sp|Q55E2(gxcB	Rac guanine nucleot	36.10	0.00
TRINITY_sp|Q54J(FabcC3	ABC transporter C f	36.10	0.00
TRINITY_sp|P7852(ST5	Suppression of tumo	36.10	0.00
TRINITY_sp|Q7DM(FPAS1	Peptidyl-prolyl cis	36.10	0.00
TRINITY_sp|A0RUM(tuf	Elongation factor 1	36.10	0.00
TRINITY_sp|Q86C(tor	Target of rapamycin	36.10	0.00
TRINITY_sp|Q86G4(gefQ	Ras guanine nucleot	36.10	0.00
TRINITY_sp|P5481(mspn-1	Mitochondrial sorti	36.10	0.00
TRINITY_sp|O5031(bchH	Magnesium-chelatase	36.10	0.00
TRINITY_sp|O1586(CPK2	Calcium-dependent p	36.10	0.00
TRINITY_sp|Q390(AATP1	ADP,ATP carrier pro	36.10	0.00
TRINITY_sp|O2885(AF_1420	Uncharacterized pro	36.10	0.00
TRINITY_sp|Q7LH(CTY3B-I	Transposon Ty3-I Ga	36.10	0.00
TRINITY_sp|Q8L64(BB	E3 ubiquitin ligase	36.10	0.00
TRINITY_sp|Q6GP(rnf181	E3 ubiquitin-protei	36.00	0.00
TRINITY_sp|Q6NM(At5g4592	GDSL esterase/lipas	36.00	0.00
TRINITY_sp|P3412(coaA	Coactosin OS=Dictyo	36.00	0.00
TRINITY_sp|Q949(FLIGB	Extradiol ring-clea	36.00	0.00
TRINITY_sp|Q930(USP9X	Probable ubiquitin	36.00	0.00
TRINITY_sp|Q54S1(pex10	Peroxisome biogenes	36.00	0.00
TRINITY_sp|Q0WPF(SCPL34	Serine carboxypepti	36.00	0.00
TRINITY_sp|Q8J1(KIP1	Kinesin-like protei	36.00	0.00
TRINITY_sp|Q8VZ(ISWC4	SWR1-complex protei	36.00	0.00
TRINITY_sp|Q9C5(AHK4	Histidine kinase 4	36.00	0.00
TRINITY_sp|Q941(FGONST1	GDP-mannose transpo	36.00	0.00

TRINITY_sp|Q54PflvsF	BEACH domain-contai	36.00	0.00
TRINITY_sp|Q32Ncrnf10	RING finger protein	36.00	0.00
TRINITY_sp|Q1RM3cfap36	Cilia- and flagella	36.00	0.00
TRINITY_sp|Q6CRrRI1	COP9 signalosome co	36.00	0.00
TRINITY_sp|P4919elo-3	Putative fatty acid	36.00	0.00
TRINITY_sp|Q9SIUPPC3-1.2	Probable protein ph	36.00	0.00
TRINITY_sp|P7317sll1290	Uncharacterized rib	36.00	0.00
TRINITY_sp|Q0896LEA1	U2 small nuclear ri	36.00	0.00
TRINITY_sp|Q9DC5Cpne8	Copine-8 OS=Mus mus	36.00	0.00
TRINITY_sp|Q9XA1SCO3848	Probable serine/thr	36.00	0.00
TRINITY_sp|P3416fhkC	Probable serine/thr	36.00	0.00
TRINITY_sp|Q54DFDDB_G029	Probable serine/thr	36.00	0.00
TRINITY_sp|Q9FP9UBP24	Ubiquitin carboxyl-	36.00	0.00
TRINITY_sp|Q9GZ7NIF3L1	NIF3-like protein 1	36.00	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	36.00	0.00
TRINITY_sp|F4JBRBL4	RHOMBOID-like prote	36.00	0.00
TRINITY_sp|Q55C9tnpo	Transportin OS=Dict	36.00	0.00
TRINITY_sp|Q810\mphosph1U3	small nucleolar	36.00	0.00
TRINITY_sp|A1ZA1CG5065	Putative fatty acyl	36.00	0.00
TRINITY_sp|Q2778PYK	Pyruvate kinase OS=	36.00	0.00
TRINITY_sp|O9416SNF1	Carbon catabolite-d	36.00	0.00
TRINITY_sp|Q9JM7Arpc3	Actin-related prote	36.00	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	36.00	0.00
TRINITY_sp|O7418pop3	Target of rapamycin	36.00	0.00
TRINITY_sp|Q75IIKU80	ATP-dependent DNA h	36.00	0.00
TRINITY_sp|P9376(-	Acid beta-fructofur	36.00	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	36.00	0.00
TRINITY_sp|A2Z9VMRS2-G	Putative magnesium	36.00	0.00
TRINITY_sp|O8856Pde8a	High affinity cAMP-	36.00	0.00
TRINITY_sp|Q54FCgacJJ	Rho GTPase-activati	36.00	0.00
TRINITY_sp|P6187(-	Lipase OS=Rhizopus	36.00	0.00
TRINITY_sp|Q2368gcy-5	Receptor-type guany	36.00	0.00
TRINITY_sp|O7456SPCC594	Uncharacterized pro	36.00	0.00
TRINITY_sp|P3519GCS1	ADP-ribosylation fa	36.00	0.00
TRINITY_sp|Q9SJ4VPS11	Vacuolar protein-so	36.00	0.00
TRINITY_sp|P2622cenB	Endoglucanase B OS=	36.00	0.00
TRINITY_sp|P8042t1p	Trypsin-like protea	36.00	0.00
TRINITY_sp|O0262aex-3	MAP kinase-activati	36.00	0.00
TRINITY_sp|Q9446dymA	Dynamin-A OS=Dictyo	36.00	0.00
TRINITY_sp|Q0WUFFAB1A	1-phosphatidylinosi	36.00	0.00
TRINITY_sp|P4221RAP	Aspartic proteinase	36.00	0.00
TRINITY_sp|P1376HMGCS1	Hydroxymethylglutar	36.00	0.00
TRINITY_sp|Q2HJEUSP15	Ubiquitin carboxyl-	36.00	0.00
TRINITY_sp|P6175Vbp1	Prefoldin subunit 3	36.00	0.00
TRINITY_sp|Q9LX7CAL3	Callose synthase 3	36.00	0.00
TRINITY_sp|F4JTI8STY46	Serine/threonine-pr	36.00	0.00
TRINITY_sp|P0509abpA	Alpha-actinin A OS=	36.00	0.00
TRINITY_sp|Q9SH3HMA5	Probable copper-tra	36.00	0.00
TRINITY_sp|Q8VZIEEDR2L	Protein ENHANCED DI	36.00	0.00
TRINITY_sp|O4604Parg	Poly(ADP-ribose) gl	36.00	0.00
TRINITY_sp|O2124CTAG	Cytochrome c oxidas	36.00	0.00
TRINITY_sp|P4035NTA1	Protein N-terminal	35.90	0.00
TRINITY_sp|Q5SUFpfas	Phosphoribosylformy	35.90	0.00
TRINITY_sp|Q54KHDDDB_G028	Uncharacterized pro	35.90	0.00
TRINITY_sp|P5164arf4	ADP-ribosylation fa	35.90	0.00
TRINITY_sp|P0CH3adhcl	NADP-dependent alco	35.90	0.00

TRINITY_sp|Q1968F21D5.5	Uncharacterized pro	35.90	0.00
TRINITY_sp|Q68F3vac14	Protein VAC14 homol	35.90	0.00
TRINITY_sp|O6464URT1	UTP:RNA uridylyltra	35.90	0.00
TRINITY_sp|Q9D88Arfgap3	ADP-ribosylation fa	35.90	0.00
TRINITY_sp|O642010	Endolysin A OS=Myco	35.90	0.00
TRINITY_sp|Q3V0FPls1	Plastin-1 OS=Mus mu	35.90	0.00
TRINITY_sp|Q550FctxB	Cortexillin-2 OS=Di	35.90	0.00
TRINITY_sp|Q5ZL(GOLGA7	Golgin subfamily A	35.90	0.00
TRINITY_sp|Q227(sym-2	RNA-binding protein	35.90	0.00
TRINITY_sp|Q54Q(dhkG	Hybrid signal trans	35.90	0.00
TRINITY_sp|Q8H4(Os07g056	Probable protein ph	35.90	0.00
TRINITY_sp|Q8T2(DDB_G027	Probable GH family	35.90	0.00
TRINITY_sp|Q294(LIPF	Gastric triacylglyc	35.90	0.00
TRINITY_sp|Q0V9(eiflad	Probable RNA-bindin	35.90	0.00
TRINITY_sp|P435(AGX1	Alanine--glyoxylate	35.90	0.00
TRINITY_sp|P0CC(DDB_G028	Enolase superfamily	35.90	0.00
TRINITY_sp|O229(VSR2	Vacuolar-sorting re	35.90	0.00
TRINITY_sp|O944(bdp1	Transcription facto	35.90	0.00
TRINITY_sp|O597(iki3	Elongator complex p	35.90	0.00
TRINITY_sp|Q8WTFDUSP19	Dual specificity pr	35.90	0.00
TRINITY_sp|Q8H1(ITDP1	Tyrosyl-DNA phospho	35.90	0.00
TRINITY_sp|Q8IC(CPK2	Calcium-dependent p	35.90	0.00
TRINITY_sp|Q8CB(Wdr37	WD repeat-containin	35.90	0.00
TRINITY_sp|Q9WU(Pus1	tRNA pseudouridine	35.90	0.00
TRINITY_sp|O885(Cops4	COP9 signalosome co	35.90	0.00
TRINITY_sp|Q54R(pyk	Pyruvate kinase OS=	35.90	0.00
TRINITY_sp|A6WS(Shew185	Non-canonical purin	35.90	0.00
TRINITY_sp|O756(NUP155	Nuclear pore comple	35.90	0.00
TRINITY_sp|Q5BJ(Prune2	Protein prune homol	35.90	0.00
TRINITY_sp|Q0V8(MKRI1	Protein KRI1 homolo	35.90	0.00
TRINITY_sp|Q9ZW(PrN2	Pirin-like protein	35.90	0.00
TRINITY_sp|Q9VB(Clbn	Nuclear export medi	35.90	0.00
TRINITY_sp|Q9ZR(MLH1	DNA mismatch repair	35.90	0.00
TRINITY_sp|Q8IC(CPK2	Calcium-dependent p	35.90	0.00
TRINITY_sp|Q9SA(PGK3	Phosphoglycerate ki	35.90	0.00
TRINITY_sp|Q0WQ(VPS53	Vacuolar protein so	35.90	0.00
TRINITY_sp|O887(Birc6	Baculoviral IAP rep	35.90	0.00
TRINITY_sp|Q4DJ(Tc00.104	Prostaglandin F syn	35.90	0.00
TRINITY_sp|O041(RABG3B	Ras-related protein	35.90	0.00
TRINITY_sp|Q4Z8(RanBPM	Ran-binding protein	35.90	0.00
TRINITY_sp|Q9FH(DTX16	Protein DETOXIFICAT	35.90	0.00
TRINITY_sp|Q1ZX(fcsB	Fatty acyl-CoA synt	35.90	0.00
TRINITY_sp|Q8C0(Efl1	Elongation factor-1	35.90	0.00
TRINITY_sp|P437(polA	DNA polymerase I OS	35.90	0.00
TRINITY_sp|Q5VQ(PPT3	Phosphoenolpyruvate	35.90	0.00
TRINITY_sp|Q641(ncaph2	Condensin-2 complex	35.90	0.00
TRINITY_sp|Q55G(mcft	Probable mitochondr	35.90	0.00
TRINITY_sp|Q9FX(PEX14	Peroxisomal membran	35.90	0.00
TRINITY_sp|Q7S1(apg-12	Sterol 3-beta-gluco	35.90	0.00
TRINITY_sp|Q6DF(ppp4r3b	Serine/threonine-pr	35.90	0.00
TRINITY_sp|Q5VY(ECM29	Proteasome-associat	35.90	0.00
TRINITY_sp|P128(AMO	Peroxisomal primary	35.90	0.00
TRINITY_sp|Q925(Slc8b1	Sodium/potassium/ca	35.90	0.00
TRINITY_sp|O186(pde-1	Probable 3',5'-cycl	35.90	0.00
TRINITY_sp|A6QQ(VPS51	Vacuolar protein so	35.90	0.00
TRINITY_sp|Q9UR(Tf2-11	Transposon Tf2-11 p	35.80	0.00

TRINITY_sp|Q9K7\BH3256	Probable non-canoni	35.80	0.00
TRINITY_sp|F4IN\GGP4	Gamma-glutamyl pept	35.80	0.00
TRINITY_sp|Q097\SPBC12C2	Uncharacterized pro	35.80	0.00
TRINITY_sp|O137\sgt2	Small glutamine-ric	35.80	0.00
TRINITY_sp|Q9FW\GAMMACA1	Gamma carbonic anhy	35.80	0.00
TRINITY_sp|Q4PC\FSEC13	Protein transport p	35.80	0.00
TRINITY_sp|Q54P\osbI	Oxysterol-binding p	35.80	0.00
TRINITY_sp|Q9HU\laruS	Sensor histidine ki	35.80	0.00
TRINITY_sp|Q9GQ\XNP	Transcriptional reg	35.80	0.00
TRINITY_sp|Q55E\late1	Arginyl-tRNA--prote	35.80	0.00
TRINITY_sp|Q54K\ccbl	Kynurenine--oxoglut	35.80	0.00
TRINITY_sp|Q9R0\Fhl3	Four and a half LIM	35.80	0.00
TRINITY_sp|Q1PF\EDA2	Probable serine pro	35.80	0.00
TRINITY_sp|Q8T6\abcA7	ABC transporter A f	35.80	0.00
TRINITY_sp|Q5XH\march8	E3 ubiquitin-protei	35.80	0.00
TRINITY_sp|Q0DL\Os05g011	DEAD-box ATP-depend	35.80	0.00
TRINITY_sp|Q9NP\PNPLA8	Calcium-independent	35.80	0.00
TRINITY_sp|P050\alkB	Alpha-ketoglutarate	35.80	0.00
TRINITY_sp|Q9SI\At2g4029	Eukaryotic translat	35.80	0.00
TRINITY_sp|Q5UP\MIMI_R61	Putative band 7 fam	35.80	0.00
TRINITY_sp|Q5PP\zc2hc1a	Zinc finger C2HC do	35.80	0.00
TRINITY_sp|P046\Lipf	Gastric triacylglyc	35.80	0.00
TRINITY_sp|Q9LQ\VRDR1	RNA-dependent RNA p	35.80	0.00
TRINITY_sp|Q9FM\FAP29	Probable inactive p	35.80	0.00
TRINITY_sp|O027\PARG	Poly(ADP-ribose) gl	35.80	0.00
TRINITY_sp|P333\SKN1	Beta-glucan synthes	35.80	0.00
TRINITY_sp|Q54G\ctdsp12	CTD small phosphata	35.80	0.00
TRINITY_sp|Q926\TBC1D5	TBC1 domain family	35.80	0.00
TRINITY_sp|P0A3\ultra	Group II intron-enc	35.80	0.00
TRINITY_sp|P054\petA	Ubiquinol-cytochrom	35.80	0.00
TRINITY_sp|Q9KA\frf	Ribosome-recycling	35.80	0.00
TRINITY_sp|C4L9\mutL	DNA mismatch repair	35.80	0.00
TRINITY_sp|O806\SUC3	Sucrose transport p	35.80	0.00
TRINITY_sp|Q9D9\Efhc1	EF-hand domain-cont	35.80	0.00
TRINITY_sp|O601\SPBC19F5	Uncharacterized pro	35.80	0.00
TRINITY_sp|P379\yusZ	Uncharacterized oxi	35.80	0.00
TRINITY_sp|O763\abpD	Interaptin OS=Dicty	35.80	0.00
TRINITY_sp|P222\RAS1	Ras-like protein 1	35.80	0.00
TRINITY_sp|Q5PP\At2g3543	Zinc finger CCCH do	35.80	0.00
TRINITY_sp|Q8DJ\GrpE	Protein GrpE OS=The	35.80	0.00
TRINITY_sp|Q9FL\FKBP15-3	Peptidyl-prolyl cis	35.80	0.00
TRINITY_sp|A3D0\crihA	Pyrimidine-specific	35.80	0.00
TRINITY_sp|Q7XU\CCD7	Carotenoid cleavage	35.80	0.00
TRINITY_sp|Q9SS\JMJ25	Lysine-specific dem	35.80	0.00
TRINITY_sp|B4ND\GK24923	Regulator of telome	35.80	0.00
TRINITY_sp|B0W2\CPIJ0014	Clustered mitochond	35.80	0.00
TRINITY_sp|P214\ABCB1	Multidrug resistanc	35.80	0.00
TRINITY_sp|B8AE\OsI_0778	NAP1-related protei	35.80	0.00

TRINITY_sp|Q8TC1RDH11	Retinol dehydrogena	35.80	0.00
TRINITY_sp|P1606-	Speract receptor OS	35.80	0.00
TRINITY_sp|F4JTIISTY46	Serine/threonine-pr	35.80	0.00
TRINITY_sp|Q8MMIvath	V-type proton ATPas	35.80	0.00
TRINITY_sp|P1995PSRP1	Ribosome-binding fa	35.80	0.00
TRINITY_sp|P2786yigZ	IMPACT family membe	35.80	0.00
TRINITY_sp|Q9LJIM3KE1	MAP3K epsilon prote	35.80	0.00
TRINITY_sp|Q7NBVdnaJ	Chaperone protein D	35.80	0.00
TRINITY_sp|Q75ENRAD18	Postreplication rep	35.80	0.00
TRINITY_sp|Q9FIVDEGP10	Protease Do-like 10	35.80	0.00
TRINITY_sp|F4HYCIRE3	Probable serine/thr	35.80	0.00
TRINITY_sp|Q9GKYGALM	Aldose 1-epimerase	35.80	0.00
TRINITY_sp|A0FGFESYT3	Extended synaptotag	35.80	0.00
TRINITY_sp|P5475PDE1A	Calcium/calmodulin-	35.80	0.00
TRINITY_sp|Q1101pepN	Aminopeptidase N OS	35.80	0.00
TRINITY_sp|Q4209ABCC2	ABC transporter C f	35.80	0.00
TRINITY_sp|Q7TP9Rps6ka6	Ribosomal protein S	35.80	0.00
TRINITY_sp|Q9VJ3Nedd8	NEDD8 OS=Drosophila	35.80	0.00
TRINITY_sp|Q32L5GRINA	Protein lifeguard 1	35.80	0.00
TRINITY_sp|P4802gacS	Sensor protein GacS	35.80	0.00
TRINITY_sp|Q9FPFIEDR1	Serine/threonine-pr	35.70	0.00
TRINITY_sp|Q8K93dnaJ	Chaperone protein D	35.70	0.00
TRINITY_sp|Q9LSIARP2	Actin-related prote	35.70	0.00
TRINITY_sp|Q9SF9RABE1E	Ras-related protein	35.70	0.00
TRINITY_sp|Q9LE8IRE	Probable serine/thr	35.70	0.00
TRINITY_sp|Q1824rap-1	Ras-related protein	35.70	0.00
TRINITY_sp|Q6C61YALIOE09	Solute carrier fami	35.70	0.00
TRINITY_sp|Q9CA9BAC2	Mitochondrial argin	35.70	0.00
TRINITY_sp|Q86AIDDB_G027	Probable myosin lig	35.70	0.00
TRINITY_sp|Q55E4dhkE	Hybrid signal trans	35.70	0.00
TRINITY_sp|Q94AFCUL1	Cullin-1 OS=Arabido	35.70	0.00
TRINITY_sp|P3132PKAR	cAMP-dependent prot	35.70	0.00
TRINITY_sp|Q55A(DDB_G027	Probable serine/thr	35.70	0.00
TRINITY_sp|Q55F7abiA	Abl interactor homo	35.70	0.00
TRINITY_sp|Q0252Mgat3	Beta-1,4-mannosyl-g	35.70	0.00
TRINITY_sp|Q9LDFEK	Delta(14)-sterol re	35.70	0.00
TRINITY_sp|P2126CCA1	CCA tRNA nucleotidy	35.70	0.00
TRINITY_sp|Q9LK4TMK4	Receptor-like kinas	35.70	0.00
TRINITY_sp|O5317Rv2449c	Putative trans-acti	35.70	0.00
TRINITY_sp|Q8N35SLC35F6	Solute carrier fami	35.70	0.00
TRINITY_sp|P5467patA	Calcium-transportin	35.70	0.00
TRINITY_sp|Q7ZXInle1	Notchless protein h	35.70	0.00
TRINITY_sp|Q54P9gefA	Ras guanine nucleot	35.70	0.00
TRINITY_sp|Q6Z8F0s02g022	Probable protein ph	35.70	0.00
TRINITY_sp|Q8VZFRAP	RAP domain-containi	35.70	0.00
TRINITY_sp|Q54X8elp4	Probable elongator	35.70	0.00
TRINITY_sp|Q84L3RAD23A	Probable ubiquitin	35.70	0.00
TRINITY_sp|Q54B9med8	Putative mediator o	35.70	0.00
TRINITY_sp|Q5ZM9NCOA7	Nuclear receptor co	35.70	0.00
TRINITY_sp|Q86B9met1	Methyltransferase-1	35.70	0.00
TRINITY_sp|Q54Y9shkC	Dual specificity pr	35.70	0.00
TRINITY_sp|Q1ZXHgxCD	Guanine exchange fa	35.70	0.00
TRINITY_sp|Q0591iphP	Tyrosine-protein ph	35.70	0.00
TRINITY_sp|Q8LB6CYCU3-1	Cyclin-U3-1 OS=Arab	35.70	0.00
TRINITY_sp|Q54UCdnapkcs	DNA-dependent prote	35.70	0.00
TRINITY_sp|Q9P49GSP1	GTP-binding nuclear	35.70	0.00

TRINITY_sp|Q6MC7pepA	Probable cytosol am	35.70	0.00
TRINITY_sp|Q54M1DDB_G028	Coiled-coil domain-	35.70	0.00
TRINITY_sp|Q6VTIVcath	Viral cathepsin OS=	35.70	0.00
TRINITY_sp|Q6ZUMARHGAP27	Rho GTPase-activati	35.70	0.00
TRINITY_sp|O8061APY6	Probable apyrase 6	35.70	0.00
TRINITY_sp|Q81HFBC_0906	Delta(1)-pyrroline-	35.70	0.00
TRINITY_sp|Q9C51IPT9	tRNA dimethylallylt	35.70	0.00
TRINITY_sp|Q2KNEHXK2	Hexokinase-2 OS=Ory	35.70	0.00
TRINITY_sp|Q9C01WDR33	pre-mRNA 3' end pro	35.70	0.00
TRINITY_sp|Q3KTMGDPD5	Glycerophosphodiester	35.70	0.00
TRINITY_sp|P3031cada	Probable cadmium-tr	35.70	0.00
TRINITY_sp|Q8L41WEE1	Weel-like protein k	35.70	0.00
TRINITY_sp|P2211-	Ras-related protein	35.70	0.00
TRINITY_sp|A5PK1ABHD17C	Protein ABHD17C OS=	35.70	0.00
TRINITY_sp|F4HV1VAD1	Protein VASCULAR AS	35.70	0.00
TRINITY_sp|Q6TE1fam91a1	Protein FAM91A1 OS=	35.70	0.00
TRINITY_sp|Q9LI1At3g2136	Clavaminic synthase	35.70	0.00
TRINITY_sp|Q78JVUbfd1	Ubiquitin domain-co	35.70	0.00
TRINITY_sp|B0F91IGC6	Golgin candidate 6	35.70	0.00
TRINITY_sp|Q0971akr1	Palmitoyltransferase	35.70	0.00
TRINITY_sp|P2271Gucylb2	Guanylate cyclase s	35.70	0.00
TRINITY_sp|Q91Y1Mett113	Methyltransferase-1	35.70	0.00
TRINITY_sp|Q6NL1ABCC2	ABC transporter D f	35.70	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	35.70	0.00
TRINITY_sp|Q9SH1TIC21	Protein TIC 21, chl	35.70	0.00
TRINITY_sp|P9121gst-6	Probable glutathion	35.70	0.00
TRINITY_sp|Q9FK1UBP17	Ubiquitin carboxyl-	35.70	0.00
TRINITY_sp|Q9SK1At2g2036	NADH dehydrogenase	35.60	0.00
TRINITY_sp|B6ZJ1PNC1	Peroxisomal adenine	35.60	0.00
TRINITY_sp|G5EB1sma-5	Mitogen-activated p	35.60	0.00
TRINITY_sp|Q5531gxcJJ	Rac guanine nucleot	35.60	0.00
TRINITY_sp|Q6PE1Tbca	Tubulin-specific ch	35.60	0.00
TRINITY_sp|F4HP1IRE4	Probable serine/thr	35.60	0.00
TRINITY_sp|Q7ZU1ykt6	Synaptobrevin homol	35.60	0.00
TRINITY_sp|Q3T01ABHD1	Protein ABHD1 OS=Bo	35.60	0.00
TRINITY_sp|F1QG1melk	Maternal embryonic	35.60	0.00
TRINITY_sp|Q0881SWA2	Alpha-amylase 2 OS=	35.60	0.00
TRINITY_sp|Q0391RUB1	NEDD8-like protein	35.60	0.00
TRINITY_sp|Q3901bvPE	Vacuolar-processing	35.60	0.00
TRINITY_sp|Q1PF1EDA2	Probable serine pro	35.60	0.00
TRINITY_sp|Q9SH1PVA12	Vesicle-associated	35.60	0.00
TRINITY_sp|O4601Parg	Poly(ADP-ribose) gl	35.60	0.00
TRINITY_sp|Q9W01Cyp4d20	Probable cytochrome	35.60	0.00
TRINITY_sp|Q3871MTD	Mannitol dehydrogen	35.60	0.00
TRINITY_sp|Q2741mec-2	Mechanosensory prot	35.60	0.00
TRINITY_sp|Q54M1tipr1	TIP41-like protein	35.60	0.00
TRINITY_sp|O4931VAMP711	Vesicle-associated	35.60	0.00
TRINITY_sp|Q54P1gefA	Ras guanine nucleot	35.60	0.00
TRINITY_sp|Q86H1mrt4	Ribosome assembly f	35.60	0.00
TRINITY_sp|Q4WJ1mrd1	Multiple RNA-bindin	35.60	0.00
TRINITY_sp|Q9ZS1FIP37	FKBP12-interacting	35.60	0.00
TRINITY_sp|Q8MY1DDB_G027	Probable serine/thr	35.60	0.00
TRINITY_sp|Q5561psmB4-1	Proteasome subunit	35.60	0.00
TRINITY_sp|A2WY1HK3	Probable histidine	35.60	0.00
TRINITY_sp|O3171tdh	L-threonine 3-dehyd	35.60	0.00
TRINITY_sp|Q0WQ1LTA3	Dihydrolipoyllysine	35.60	0.00

TRINITY_sp|O6087KIN	DNA/RNA-binding pro	35.60	0.00
TRINITY_sp|A7S87vlg18706	Coiled-coil domain-	35.60	0.00
TRINITY_sp|A1A69HK4	Probable histidine	35.60	0.00
TRINITY_sp|Q86JMDDB_G027	Putative elongation	35.60	0.00
TRINITY_sp|P1097-	Retrovirus-related	35.60	0.00
TRINITY_sp|Q54P7exoc4	Exocyst complex com	35.60	0.00
TRINITY_sp|Q9ZQFCBSDUF3	DUF21 domain-contai	35.60	0.00
TRINITY_sp|Q5PPCEif2d	Eukaryotic translat	35.60	0.00
TRINITY_sp|Q1ZXHgxcdD	Guanine exchange fa	35.60	0.00
TRINITY_sp|Q6C59YKT6	Synaptobrevin homol	35.60	0.00
TRINITY_sp|Q9C06WDR33	pre-mRNA 3' end pro	35.60	0.00
TRINITY_sp|Q54RfdhkL	Hybrid signal trans	35.60	0.00
TRINITY_sp|P1079-	Venom allergen 5.02	35.60	0.00
TRINITY_sp|Q9409GLCNAC1F	UDP-N-acetylglucosa	35.60	0.00
TRINITY_sp|Q9FJIFKBP65	Peptidyl-prolyl cis	35.60	0.00
TRINITY_sp|Q8L49DAAT	D-amino-acid transa	35.60	0.00
TRINITY_sp|Q4U2FHerc2	E3 ubiquitin-protei	35.60	0.00
TRINITY_sp|Q93ZVLA1	La protein 1 OS=Ara	35.60	0.00
TRINITY_sp|P0539p20	Uncharacterized N-a	35.60	0.00
TRINITY_sp|Q54T7drkC	Probable serine/thr	35.60	0.00
TRINITY_sp|Q9M2ESDR1	(+)-neomenthol dehy	35.60	0.00
TRINITY_sp|Q9US9SPCC4B3	Uncharacterized tra	35.60	0.00
TRINITY_sp|Q6GPIXAF1	XIAP-associated fac	35.60	0.00
TRINITY_sp|Q6FKRAT1	5'-3' exoribonuclea	35.60	0.00
TRINITY_sp|Q9CR9Ccdc96	Coiled-coil domain-	35.60	0.00
TRINITY_sp|P0549SSB	Lupus La protein OS	35.60	0.00
TRINITY_sp|O3179cdsA	Phosphatidate cytid	35.60	0.00
TRINITY_sp|O5379ufaa1	Tuberculostearic ac	35.60	0.00
TRINITY_sp|O0889Rgs4	Regulator of G-prot	35.60	0.00
TRINITY_sp|P4659cdk-12	Cyclin-dependent ki	35.60	0.00
TRINITY_sp|Q84K9ABCA2	ABC transporter A f	35.60	0.00
TRINITY_sp|Q99J9Mrm1	rRNA methyltransfer	35.60	0.00
TRINITY_sp|Q0749EPHB5	Ephrin type-B recep	35.60	0.00
TRINITY_sp|D4AZ9ARB_0144	Probable endo-1,3(4	35.60	0.00
TRINITY_sp|P1719Cyp27a1	Sterol 26-hydroxyla	35.60	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	35.60	0.00
TRINITY_sp|P0719cyt-1	Cytochrome c1, heme	35.60	0.00
TRINITY_sp|Q9P79mak1	Peroxide stress-act	35.60	0.00
TRINITY_sp|P4849RasGAP1	GTPase-activating p	35.50	0.00
TRINITY_sp|Q9SA9Atlg1178	Alpha-ketoglutarate	35.50	0.00
TRINITY_sp|Q8TEURAPGEF6	Rap guanine nucleot	35.50	0.00
TRINITY_sp|Q6AW9At5g1701D	-xylose-proton sym	35.50	0.00
TRINITY_sp|Q54UEtrmt6	tRNA (adenine(58)-N	35.50	0.00
TRINITY_sp|Q9VT9CG10681	KxDL motif-containi	35.50	0.00
TRINITY_sp|Q9XC9tsf	Elongation factor T	35.50	0.00
TRINITY_sp|A0AU9Gm7168	Sperm motility kina	35.50	0.00
TRINITY_sp|P6239CPK4	Calcium-dependent p	35.50	0.00
TRINITY_sp|Q86H9DDB_G027	Probable serine/thr	35.50	0.00
TRINITY_sp|Q54Q9dhkG	Hybrid signal trans	35.50	0.00
TRINITY_sp|Q9P39ptr2	Probable peptide tr	35.50	0.00
TRINITY_sp|F4K29ATG101	Autophagy-related p	35.50	0.00
TRINITY_sp|Q5509captC	Uncharacterized CDP	35.50	0.00
TRINITY_sp|Q54M9DDB_G028	Serine hydrolase-li	35.50	0.00
TRINITY_sp|Q9ER9Rdh14	Retinol dehydrogena	35.50	0.00
TRINITY_sp|Q4Z89RanBPM	Ran-binding protein	35.50	0.00
TRINITY_sp|Q96N9RDH12	Retinol dehydrogena	35.50	0.00

TRINITY_sp|P3952DRS2	Probable phospholip	35.50	0.00
TRINITY_sp|P3857LIPA	Lysosomal acid lipa	35.50	0.00
TRINITY_sp|Q9BT8SOX7	Transcription facto	35.50	0.00
TRINITY_sp|Q2HVMtrDRAFT	Putative N6-adenosi	35.50	0.00
TRINITY_sp|Q08BEctdspl2a	CTD small phosphata	35.50	0.00
TRINITY_sp|Q9NJUCPK3	Calcium-dependent p	35.50	0.00
TRINITY_sp|Q2896CBR1	Carbonyl reductase	35.50	0.00
TRINITY_sp|Q7XU8Os04g050	Probable protein ph	35.50	0.00
TRINITY_sp|B8ZX1Qtrt2	Queueine tRNA-ribosy	35.50	0.00
TRINITY_sp|Q4V87ergic1	Endoplasmic reticul	35.50	0.00
TRINITY_sp|P5406bem46	Protein bem46 OS=Sc	35.50	0.00
TRINITY_sp|Q9FJVFR01	NADH dehydrogenase	35.50	0.00
TRINITY_sp|Q9LN6Atlg4812	Serine/threonine-pr	35.50	0.00
TRINITY_sp|Q84W4QCT	Glutaminyl-peptide	35.50	0.00
TRINITY_sp|Q9I37pmpM	Multidrug resistanc	35.50	0.00
TRINITY_sp|Q6NQ3Atlg1358	LAG1 longevity assu	35.50	0.00
TRINITY_sp|Q5056fdhC	Probable formate tr	35.50	0.00
TRINITY_sp|Q9M27RAX3	Transcription facto	35.50	0.00
TRINITY_sp|Q8IX6SLC35F2	Solute carrier fami	35.50	0.00
TRINITY_sp|P1281hsp16.97	16.9 kDa class I he	35.50	0.00
TRINITY_sp|Q70D6ALDH3H1	Aldehyde dehydrogen	35.50	0.00
TRINITY_sp|O7496POX2	Acyl-coenzyme A oxi	35.50	0.00
TRINITY_sp|Q3ZCEMC3	ER membrane protein	35.50	0.00
TRINITY_sp|Q6H76CIPK26	CBL-interacting pro	35.50	0.00
TRINITY_sp|Q9VR51(1)G019	Inositol hexakispho	35.50	0.00
TRINITY_sp|Q5027samhd1	Deoxynucleoside tri	35.50	0.00
TRINITY_sp|Q2898-	Cystatin-A1 OS=Sus	35.50	0.00
TRINITY_sp|Q9S96CCR1	Cinnamoyl-CoA reduc	35.50	0.00
TRINITY_sp|Q8NF6ZMIZ2	Zinc finger MIZ dom	35.50	0.00
TRINITY_sp|Q8RX6Atlg0716	Probable protein ph	35.50	0.00
TRINITY_sp|Q8VY6CCR4-6	Carbon catabolite r	35.50	0.00
TRINITY_sp|Q55C7tpp1	Tripeptidyl-peptida	35.50	0.00
TRINITY_sp|Q32L6UBE2Q2	Ubiquitin-conjugati	35.50	0.00
TRINITY_sp|Q84JERUS3	Protein root UVB se	35.50	0.00
TRINITY_sp|Q55E5pats1	Probable serine/thr	35.50	0.00
TRINITY_sp|A0A06KIN4A	Kinesin-like protei	35.50	0.00
TRINITY_sp|Q0849PDE4D	cAMP-specific 3',5'	35.50	0.00
TRINITY_sp|O7466SPCC162	Uncharacterized oxi	35.50	0.00
TRINITY_sp|Q6956ROM1	Rhomboid-like prote	35.40	0.00
TRINITY_sp|Q8D56luxQ	Autoinducer 2 senso	35.40	0.00
TRINITY_sp|Q4015-	LEC14B protein OS=L	35.40	0.00
TRINITY_sp|Q5RB6PRCP	Lysosomal Pro-X car	35.40	0.00
TRINITY_sp|O6016snx41	Sorting nexin-41 OS	35.40	0.00
TRINITY_sp|O7586ZMYND10	Zinc finger MYND do	35.40	0.00
TRINITY_sp|Q6IM6dnajc27	DnaJ homolog subfam	35.40	0.00
TRINITY_sp|Q9SV6At4g1301	Putative quinone-ox	35.40	0.00
TRINITY_sp|Q9SL6At2g2005	Protein phosphatase	35.40	0.00
TRINITY_sp|Q55B6nek2	Probable serine/thr	35.40	0.00
TRINITY_sp|Q5RD6SLC25A44	Solute carrier fami	35.40	0.00
TRINITY_sp|Q9XT6RAD17	Cell cycle checkpoi	35.40	0.00
TRINITY_sp|Q0346FBP1	Floral homeotic pro	35.40	0.00
TRINITY_sp|Q7Y06Os03g040	Probable nucleoredo	35.40	0.00
TRINITY_sp|Q54H6drkB	Probable serine/thr	35.40	0.00
TRINITY_sp|Q2HCVGWT1	GPI-anchored wall t	35.40	0.00
TRINITY_sp|P0419Myb	Myb protein OS=Dros	35.40	0.00
TRINITY_sp|A4J46hs10	33 kDa chaperonin O	35.40	0.00

TRINITY_sp|Q86C\$atg1	Serine/threonine-pr	35.40	0.00
TRINITY_sp|Q54R7DDB_G02\$WASH complex subuni		35.40	0.00
TRINITY_sp|Q9LP\ERF1-2	Eukaryotic peptide	35.40	0.00
TRINITY_sp|Q9SK\NDB4	External alternativ	35.40	0.00
TRINITY_sp|Q803\$memo1	Protein MEMO1 OS=Da	35.40	0.00
TRINITY_sp|Q2KH\CPNE6	Copine-6 OS=Bos tau	35.40	0.00
TRINITY_sp|P404\$PBX3	Pre-B-cell leukemia	35.40	0.00
TRINITY_sp|Q8CD\$Iqub	IQ and ubiquitin-li	35.40	0.00
TRINITY_sp|C5FW\CPYA	Carboxypeptidase Y	35.40	0.00
TRINITY_sp|Q76P(DDB_G027	Probable serine/thr	35.40	0.00
TRINITY_sp|Q5ZJ\TLDC1	TLD domain-containi	35.40	0.00
TRINITY_sp|A5FKI\rpsP	30S ribosomal prote	35.40	0.00
TRINITY_sp|Q55C\$wdr85	Diphthine methyltra	35.40	0.00
TRINITY_sp|P341(pk\$gC	Protein kinase 3 OS	35.40	0.00
TRINITY_sp|Q01I\H0219H1\$	ATP-dependent RNA h	35.40	0.00
TRINITY_sp|Q652IOs09g05\$	Protein HIRA OS=Ory	35.40	0.00
TRINITY_sp|Q006\$gp63	Leishmanolysin OS=L	35.40	0.00
TRINITY_sp|Q8ST\$gefG	Ras guanine nucleot	35.40	0.00
TRINITY_sp|O944\$SPBC660	Uncharacterized RNA	35.40	0.00
TRINITY_sp|Q9ZR\$U2AF65A	Splicing factor U2a	35.40	0.00
TRINITY_sp|Q23F\TLL3C	Tubulin glycyclase 3	35.40	0.00
TRINITY_sp|Q035\$Itk	Tyrosine-protein ki	35.40	0.00
TRINITY_sp|P239(gl\$CA	Glucan endo-1,3-bet	35.40	0.00
TRINITY_sp|Q9VR\$HERC2	Probable E3 ubiquit	35.40	0.00
TRINITY_sp|Q8MZ\$-	Physarolisin OS=Phy	35.40	0.00
TRINITY_sp|P364\vilB	Protovillin OS=Dict	35.40	0.00
TRINITY_sp|Q407\$RGP2	Ras-related protein	35.40	0.00
TRINITY_sp|Q7F0\CML13	Probable calcium-bi	35.40	0.00
TRINITY_sp|B1WA\Adv13	Segment polarity pr	35.40	0.00
TRINITY_sp|Q6PN(Dmx11	DmX-like protein 1	35.40	0.00
TRINITY_sp|Q566F\Them4	Acyl-coenzyme A thi	35.40	0.00
TRINITY_sp|Q9MA1At1g796\$	Uncharacterized aar	35.40	0.00
TRINITY_sp|F4IU\UPF2	Regulator of nonsen	35.40	0.00
TRINITY_sp|Q245\$Syx1A	Syntaxin-1A OS=Dros	35.30	0.00
TRINITY_sp|Q8WW\$TCTEX1D\$	Tctex1 domain-conta	35.30	0.00
TRINITY_sp|Q9NP\$CABP5	Calcium-binding pro	35.30	0.00
TRINITY_sp|Q8IL(CPF14_03\$	STI1-like protein O	35.30	0.00
TRINITY_sp|O133\$msh-2	DNA mismatch repair	35.30	0.00
TRINITY_sp|O138\$utp17	U3 small nucleolar	35.30	0.00
TRINITY_sp|Q9FH\SWC6	SWR1 complex subuni	35.30	0.00
TRINITY_sp|Q6A0\$Fam179b	Crescerin-1 OS=Mus	35.30	0.00
TRINITY_sp|Q9LDEMYB108	Transcription facto	35.30	0.00
TRINITY_sp|Q925\$GBF1	Golgi-specific bref	35.30	0.00
TRINITY_sp|P340\$manA	Lysosomal alpha-man	35.30	0.00
TRINITY_sp|A3KP\tttc38	Tetratricopeptide r	35.30	0.00
TRINITY_sp|Q24K(CIDE	Insulin-degrading e	35.30	0.00
TRINITY_sp|Q9P2IFAM135A	Protein FAM135A OS=	35.30	0.00
TRINITY_sp|Q58D\ELMOD3	ELMO domain-contain	35.30	0.00
TRINITY_sp|Q125\$rasA	Ras-like protein OS	35.30	0.00
TRINITY_sp|Q5ZL\LRRC40	Leucine-rich repeat	35.30	0.00
TRINITY_sp|Q9GY\$KIF15	Kinesin-like protei	35.30	0.00
TRINITY_sp|O646\$URT1	UTP:RNA uridylyltra	35.30	0.00
TRINITY_sp|O764(nft-1	Nitrilase and fragi	35.30	0.00
TRINITY_sp|B4FG\$-	Spindle and kinetoc	35.30	0.00
TRINITY_sp|P232\$Mov10	Putative helicase M	35.30	0.00
TRINITY_sp|O170\$hpo-8	Very-long-chain (3R	35.30	0.00

TRINITY_sp|P364|rab14	Ras-related protein	35.30	0.00
TRINITY_sp|P546|ptpC	Tyrosine-protein ph	35.30	0.00
TRINITY_sp|Q5ZJ|LSG1	Large subunit GTPas	35.30	0.00
TRINITY_sp|Q7S8|vesf-2	Pre-rRNA-processing	35.30	0.00
TRINITY_sp|P814|PGA	Pepsin A OS=Suncus	35.30	0.00
TRINITY_sp|Q7ZX|kif19	Kinesin-like protei	35.30	0.00
TRINITY_sp|Q54N|ppan	Peter Pan-like prot	35.30	0.00
TRINITY_sp|Q6IC|ASPFD2	Aspartate beta-hydr	35.30	0.00
TRINITY_sp|Q923|ssb1	Replication factor	35.30	0.00
TRINITY_sp|Q869|DDB_G027	COBW domain-contain	35.30	0.00
TRINITY_sp|Q9NA|tim-22	Mitochondrial impor	35.30	0.00
TRINITY_sp|Q851|Os03g079	Probable GTP-bindin	35.30	0.00
TRINITY_sp|P292|fol1	Folic acid synthesi	35.30	0.00
TRINITY_sp|O944|bdp1	Transcription facto	35.30	0.00
TRINITY_sp|Q2YD|ISG20L2	Interferon-stimulat	35.30	0.00
TRINITY_sp|Q86C|dhkK	Hybrid signal trans	35.30	0.00
TRINITY_sp|P251|rccl1	Regulator of chromo	35.30	0.00
TRINITY_sp|Q86Y|CPNE8	Copine-8 OS=Homo sa	35.30	0.00
TRINITY_sp|P533|tbg	Tubulin gamma chain	35.30	0.00
TRINITY_sp|Q945|MCIB22	NADH dehydrogenase	35.30	0.00
TRINITY_sp|Q54C|pex6	Peroxisomal biogene	35.30	0.00
TRINITY_sp|P412|CSK	Tyrosine-protein ki	35.30	0.00
TRINITY_sp|Q9LT|VALIS1	ALA-interacting sub	35.30	0.00
TRINITY_sp|Q86I|dolpp1	Dolichyldiphosphata	35.30	0.00
TRINITY_sp|B0RZ|adk	Adenylate kinase OS	35.30	0.00
TRINITY_sp|Q680|GGT2	Gamma-glutamyltrans	35.30	0.00
TRINITY_sp|Q8IW|BBS7	Bardet-Biedl syndro	35.30	0.00
TRINITY_sp|Q6NS|trmt11	tRNA (guanine(10)-N	35.30	0.00
TRINITY_sp|Q86I|nek3	Probable serine/thr	35.30	0.00
TRINITY_sp|Q84K|ABCA2	ABC transporter A f	35.30	0.00
TRINITY_sp|Q96R|IFT140	Intraflagellar tran	35.30	0.00
TRINITY_sp|Q7T6|MIMI_R83	Putative serine/thr	35.30	0.00
TRINITY_sp|O601|lcf1	Long-chain-fatty-ac	35.20	0.00
TRINITY_sp|Q851|VSLY1	SEC1 family transpo	35.20	0.00
TRINITY_sp|Q54R|dhkL	Hybrid signal trans	35.20	0.00
TRINITY_sp|Q7SD|msh-3	DNA mismatch repair	35.20	0.00
TRINITY_sp|A9I0|Bpet0443	Nucleotide-binding	35.20	0.00
TRINITY_sp|Q75J|zaka	Dual specificity pr	35.20	0.00
TRINITY_sp|Q9BZ|FWR11	WD repeat-containin	35.20	0.00
TRINITY_sp|P213|NF1	Neurofibromin OS=Ho	35.20	0.00
TRINITY_sp|Q9NX|DUS2	tRNA-dihydrouridine	35.20	0.00
TRINITY_sp|Q54B|mcfG	Mitochondrial subst	35.20	0.00
TRINITY_sp|Q32P|C1D	Nuclear nucleic aci	35.20	0.00
TRINITY_sp|P412|Csk	Tyrosine-protein ki	35.20	0.00
TRINITY_sp|P426|SRK1	Tyrosine-protein ki	35.20	0.00
TRINITY_sp|Q9LK|ALA8	Probable phospholip	35.20	0.00
TRINITY_sp|Q0P5|Vps8	Vacuolar protein so	35.20	0.00
TRINITY_sp|Q90Z|lancl1	LanC-like protein 1	35.20	0.00
TRINITY_sp|Q588|TEB	Helicase and polyme	35.20	0.00
TRINITY_sp|Q0UU|TPC1	Mitochondrial thiam	35.20	0.00
TRINITY_sp|P308|evgS	Sensor protein EvgS	35.20	0.00
TRINITY_sp|Q84Y|CXIP4	CAX-interacting pro	35.20	0.00
TRINITY_sp|Q54F|eif2b3	Translation initiat	35.20	0.00
TRINITY_sp|Q55E|ctu2	Cytoplasmic tRNA 2-	35.20	0.00
TRINITY_sp|Q9FW|ABC11	ABC transporter B f	35.20	0.00
TRINITY_sp|P518|fabG	3-oxoacyl-[acyl-car	35.20	0.00

TRINITY_sp|Q8K4IDdx54	ATP-dependent RNA h	35.20	0.00
TRINITY_sp|Q76NVDDDB_G027	Protein HGH1 homolo	35.20	0.00
TRINITY_sp|Q6C04ATG18	Autophagy-related p	35.20	0.00
TRINITY_sp|Q96QJSMG1	Serine/threonine-pr	35.20	0.00
TRINITY_sp|Q1989F28H7.4	Putative selT-like	35.20	0.00
TRINITY_sp|Q96KQEHMT2	Histone-lysine N-me	35.20	0.00
TRINITY_sp|Q8QZHTat	Tyrosine aminotrans	35.20	0.00
TRINITY_sp|Q2U66caf17	Putative transferas	35.20	0.00
TRINITY_sp|Q8RWVCLASP	CLIP-associated pro	35.20	0.00
TRINITY_sp|F4JA7SKI2	DEXH-box ATP-depend	35.20	0.00
TRINITY_sp|P4183rae1	Poly(A)+ RNA export	35.20	0.00
TRINITY_sp|P527(MSH6	DNA mismatch repair	35.20	0.00
TRINITY_sp|Q90Z7parn	Poly(A)-specific ri	35.20	0.00
TRINITY_sp|Q7T29fam172a	Protein FAM172A OS=	35.20	0.00
TRINITY_sp|Q58DUMMTAG2	Multiple myeloma tu	35.20	0.00
TRINITY_sp|Q0IIMARL6	ADP-ribosylation fa	35.20	0.00
TRINITY_sp|Q5YDECPL2	RNA polymerase II C	35.20	0.00
TRINITY_sp|Q8BY0Tbc1d4	TBC1 domain family	35.20	0.00
TRINITY_sp|Q54B7abcB2	ABC transporter B f	35.20	0.00
TRINITY_sp|Q5U2VtBl3	Transducin beta-lik	35.20	0.00
TRINITY_sp|P0CM9CWC25	Pre-mRNA-splicing f	35.20	0.00
TRINITY_sp|Q9UI1HERC5	E3 ISG15--protein 1	35.20	0.00
TRINITY_sp|Q000(SRP68	Signal recognition	35.20	0.00
TRINITY_sp|Q24K1GPATCH1	G patch domain-cont	35.20	0.00
TRINITY_sp|Q640\rmnd5a	Protein RMD5 homolo	35.20	0.00
TRINITY_sp|Q9SLHFOC132	Translocase of chlo	35.20	0.00
TRINITY_sp|Q6ZD6FAS2	Chromatin assembly	35.20	0.00
TRINITY_sp|Q1285MAP3K12	Mitogen-activated p	35.20	0.00
TRINITY_sp|Q1LU9fam206a	Protein Simiate OS=	35.20	0.00
TRINITY_sp|Q54LEvps13A	Putative vacuolar p	35.20	0.00
TRINITY_sp|Q9H2IHSD3B7	3 beta-hydroxystero	35.20	0.00
TRINITY_sp|P2858TRK2	Low-affinity potass	35.20	0.00
TRINITY_sp|Q8WU6PTPMT1	Phosphatidylglycero	35.20	0.00
TRINITY_sp|Q9M2HSDR1	(+)-neomenthol dehy	35.20	0.00
TRINITY_sp|Q9XI(SKIP32	F-box protein 7 OS=	35.20	0.00
TRINITY_sp|Q9FF7PPH	Pheophytinase, chlo	35.20	0.00
TRINITY_sp|O1389SPAC22A1	Uncharacterized CDP	35.20	0.00
TRINITY_sp|Q7XJ6FAAH	Fatty acid amide hy	35.20	0.00
TRINITY_sp|A1ZA1CG5065	Putative fatty acyl	35.20	0.00
TRINITY_sp|Q96A7VPS33A	Vacuolar protein so	35.20	0.00
TRINITY_sp|X5M51wnk-1	Serine/threonine-pr	35.20	0.00
TRINITY_sp|Q84QGGCT2;3	Gamma-glutamylcyclo	35.20	0.00
TRINITY_sp|Q3E97ANTR6	Probable anion tran	35.20	0.00
TRINITY_sp|P3852HSF1	Heat shock factor p	35.20	0.00
TRINITY_sp|Q2312rsp-1	Probable splicing f	35.20	0.00
TRINITY_sp|Q8LP1CCD1	Carotenoid 9,10(9',	35.20	0.00
TRINITY_sp|A7RZVdpp3	Dipeptidyl peptidas	35.20	0.00
TRINITY_sp|Q99K1Reep3	Receptor expression	35.10	0.00
TRINITY_sp|Q9UI1HERC5	E3 ISG15--protein 1	35.10	0.00
TRINITY_sp|P3414rab1B	Ras-related protein	35.10	0.00
TRINITY_sp|Q6NW6arih11	E3 ubiquitin-protei	35.10	0.00
TRINITY_sp|Q8WY1SSH1	Protein phosphatase	35.10	0.00
TRINITY_sp|Q2RACCYCT1-3	Cyclin-T1-3 OS=Oryz	35.10	0.00
TRINITY_sp|P4433rbsK	Ribokinase OS=Haemo	35.10	0.00
TRINITY_sp|Q5AV1ampp	Probable Xaa-Pro am	35.10	0.00
TRINITY_sp|Q9P89tcsA	Two-component syste	35.10	0.00

TRINITY_sp|F1Q4&atp9b	Probable phospholip	35.10	0.00
TRINITY_sp|A5PK1METTL13	Methyltransferase-1	35.10	0.00
TRINITY_sp|Q8UI(truA	tRNA pseudouridine	35.10	0.00
TRINITY_sp|Q54H4drkA	Probable serine/thr	35.10	0.00
TRINITY_sp|Q9P3(ldb14	E3 ubiquitin-protei	35.10	0.00
TRINITY_sp|P242(ARDD	Actin, spherule iso	35.10	0.00
TRINITY_sp|A8JB2CCDC65	Coiled-coil domain-	35.10	0.00
TRINITY_sp|Q3ED(At1g2295	Uncharacterized PKH	35.10	0.00
TRINITY_sp|Q9CR5Rchyl	RING finger and CHY	35.10	0.00
TRINITY_sp|Q9DG1star	Steroidogenic acute	35.10	0.00
TRINITY_sp|Q69Z2Dnah17	Dynein heavy chain	35.10	0.00
TRINITY_sp|O6484CID7	Polyadenylate-bindi	35.10	0.00
TRINITY_sp|Q58E(eparl	Presenilins-associa	35.10	0.00
TRINITY_sp|P200(PSAP	Saposin-C OS=Cavia	35.10	0.00
TRINITY_sp|Q54I&eif2b1	Translation initiat	35.10	0.00
TRINITY_sp|Q0VD1SMPD1	Sphingomyelin phosp	35.10	0.00
TRINITY_sp|Q9SJ4VPS11	Vacuolar protein-so	35.10	0.00
TRINITY_sp|Q869(napA	Nck-associated prot	35.10	0.00
TRINITY_sp|Q8N9(ESCAI	Protein SCAI OS=Hom	35.10	0.00
TRINITY_sp|P608&Megf8	Multiple epidermal	35.10	0.00
TRINITY_sp|O510&trmH	tRNA (guanosine(18)	35.10	0.00
TRINITY_sp|P4975RBM25	RNA-binding protein	35.10	0.00
TRINITY_sp|P703(Uspx	Probable ubiquitin	35.10	0.00
TRINITY_sp|P577(Rec1	CAAX prenyl proteas	35.10	0.00
TRINITY_sp|Q54M(DDDB_G02&	von Willebrand fact	35.10	0.00
TRINITY_sp|O0862Sqstm1	Sequestosome-1 OS=R	35.10	0.00
TRINITY_sp|Q8FM4dcd	dCTP deaminase OS=C	35.10	0.00
TRINITY_sp|Q4HWRAT1	5'-3' exoribonuclea	35.10	0.00
TRINITY_sp|O1387not3	General negative re	35.10	0.00
TRINITY_sp|Q84R1CRSH	Probable GTP diphos	35.10	0.00
TRINITY_sp|Q8RV(SEC10	Exocyst complex com	35.10	0.00
TRINITY_sp|P048(Cyp3a1	Cytochrome P450 3A1	35.10	0.00
TRINITY_sp|Q8H15AAE13	Malonate--CoA ligas	35.10	0.00
TRINITY_sp|Q9C5(IGCP2	Gamma-tubulin compl	35.10	0.00
TRINITY_sp|Q6V5(IZnf474	Zinc finger protein	35.10	0.00
TRINITY_sp|Q9P2(IZNFX1	NFX1-type zinc fing	35.10	0.00
TRINITY_sp|Q5ZJ(IREG1	Protein CREG1 OS=Ga	35.10	0.00
TRINITY_sp|Q9WV(EMarch7	E3 ubiquitin-protei	35.10	0.00
TRINITY_sp|P3132PKAR	cAMP-dependent prot	35.10	0.00
TRINITY_sp|Q5BL(Imettl21&	Protein N-lysine me	35.10	0.00
TRINITY_sp|Q8BL(ARhgap22	Rho GTPase-activati	35.10	0.00
TRINITY_sp|B4SD(EPpha_214	UPF0301 protein Pph	35.10	0.00
TRINITY_sp|Q54X(rcrkA	RGS domain-containi	35.10	0.00
TRINITY_sp|Q2537PKC1	Protein kinase C OS	35.10	0.00
TRINITY_sp|Q9HD(lypt71	GTP-binding protein	35.10	0.00
TRINITY_sp|Q050(UBE3A	Ubiquitin-protein 1	35.10	0.00
TRINITY_sp|Q9VR(HERC2	Probable E3 ubiquit	35.10	0.00
TRINITY_sp|Q5B(IMERCC8	DNA excision repair	35.10	0.00
TRINITY_sp|Q2944ATP8A1	Probable phospholip	35.10	0.00
TRINITY_sp|F4IF(FFGT1	Protein FORGETTER 1	35.10	0.00
TRINITY_sp|Q86I(DDDB_G027	PH domain-containin	35.10	0.00
TRINITY_sp|Q6ZI4SAPK6	Serine/threonine-pr	35.10	0.00
TRINITY_sp|Q9SV(At4g2177	tRNA pseudouridine s	35.10	0.00
TRINITY_sp|Q0VF(Bloloc1s1	Biogenesis of lysos	35.10	0.00
TRINITY_sp|Q9P7(ymak1	Peroxide stress-act	35.00	0.00
TRINITY_sp|Q90Z(yparn	Poly(A)-specific ri	35.00	0.00

TRINITY_sp|Q1793	daf-36	Cholesterol 7-desat	35.00	0.00
TRINITY_sp|Q9UT	(paal	Protein phosphatase	35.00	0.00
TRINITY_sp|Q84V	PSD1	Phosphatidylserine	35.00	0.00
TRINITY_sp|Q9UK	GPATCH8	G patch domain-cont	35.00	0.00
TRINITY_sp|O946	(SPCC622	Uncharacterized pro	35.00	0.00
TRINITY_sp|Q9M8	DSPTP1B	Dual specificity pr	35.00	0.00
TRINITY_sp|Q54C	DDB_G02	Probable myosin lig	35.00	0.00
TRINITY_sp|Q5M8	(impact-1	Protein IMPACT-A OS	35.00	0.00
TRINITY_sp|Q9GL	CTSL	Cathepsin L1 OS=Can	35.00	0.00
TRINITY_sp|Q8T6	abcG20	ABC transporter G f	35.00	0.00
TRINITY_sp|Q9FG	At5g068	CDK5RAP3-like prote	35.00	0.00
TRINITY_sp|Q8QH	dna2	DNA replication ATP	35.00	0.00
TRINITY_sp|P0CT	UMAG_10	Uncharacterized hyd	35.00	0.00
TRINITY_sp|Q9FP	EEDR1	Serine/threonine-pr	35.00	0.00
TRINITY_sp|O944	{bmt5	25S rRNA (uridine-N	35.00	0.00
TRINITY_sp|Q245	(U2af50	Splicing factor U2A	35.00	0.00
TRINITY_sp|O089	(Cyth3	Cytohesin-3 OS=Mus	35.00	0.00
TRINITY_sp|O646	AUR3	Serine/threonine-pr	35.00	0.00
TRINITY_sp|Q6DE	(aurkb-a	Aurora kinase B-A O	35.00	0.00
TRINITY_sp|Q0JI	(CIPK11	CBL-interacting pro	35.00	0.00
TRINITY_sp|Q9ZP	ARL2	ADP-ribosylation fa	35.00	0.00
TRINITY_sp|F4HP	LIG6	DNA ligase 6 OS=Ara	35.00	0.00
TRINITY_sp|Q8ST	gefG	Ras guanine nucleot	35.00	0.00
TRINITY_sp|Q8IZ	IDOCK3	Dedicator of cytoki	35.00	0.00
TRINITY_sp|A8MS	{SPT6	Transcription elong	35.00	0.00
TRINITY_sp|Q553	(DDB_G02	Adenosine deaminase	35.00	0.00
TRINITY_sp|Q9LT	(PDR2	Probable manganese-	35.00	0.00
TRINITY_sp|O941	(SNF1	Carbon catabolite-d	35.00	0.00
TRINITY_sp|Q9UJ	TUBD1	Tubulin delta chain	35.00	0.00
TRINITY_sp|Q9VB	(CG5521	Probable Rho GTPase	35.00	0.00
TRINITY_sp|O137	(SPAC16E	Uncharacterized end	35.00	0.00
TRINITY_sp|Q4U2	Herc2	E3 ubiquitin-protei	35.00	0.00
TRINITY_sp|Q9UR	Inrf1	Vacuolar transporte	35.00	0.00
TRINITY_sp|Q8CG	(Elac2	Zinc phosphodiester	35.00	0.00
TRINITY_sp|Q294	LIPF	Gastric triacylglyc	35.00	0.00
TRINITY_sp|P418	(gar2	Protein gar2 OS=Sch	35.00	0.00
TRINITY_sp|O749	{nat1	N-terminal acetyltr	35.00	0.00
TRINITY_sp|Q86J	polr3f	DNA-directed RNA po	35.00	0.00
TRINITY_sp|Q8L7	SDN5	Small RNA degrading	35.00	0.00
TRINITY_sp|Q54E	polr2e	DNA-directed RNA po	35.00	0.00
TRINITY_sp|Q8R3	(Rbm19	Probable RNA-bindin	35.00	0.00
TRINITY_sp|P360	YPT52	GTP-binding protein	35.00	0.00
TRINITY_sp|Q949	ARI1	Probable E3 ubiquit	35.00	0.00
TRINITY_sp|O225	(STY8	Serine/threonine-pr	35.00	0.00
TRINITY_sp|Q8N6	(ZFAND2A	AN1-type zinc finge	35.00	0.00
TRINITY_sp|Q75H	(SPS2	Solanesyl-diphospha	35.00	0.00
TRINITY_sp|Q389	(KIN10	SNF1-related protei	35.00	0.00
TRINITY_sp|Q5HN	(pcrA	ATP-dependent DNA h	35.00	0.00
TRINITY_sp|Q9FG	(SNX1	Sorting nexin 1 OS=	35.00	0.00
TRINITY_sp|Q93Y	(ABCG22	ABC transporter G f	35.00	0.00
TRINITY_sp|Q5AG	(HSL1	Serine/threonine-pr	35.00	0.00
TRINITY_sp|Q82W	(rluD	Ribosomal large sub	35.00	0.00
TRINITY_sp|Q8T8	(abcD2	ABC transporter D f	35.00	0.00
TRINITY_sp|O804	(At1g091	Probable protein ph	35.00	0.00
TRINITY_sp|A4YI	(Msed_20	(3-hydroxypropionyl-	35.00	0.00
TRINITY_sp|P222	(RAS1	Ras-like protein 1	35.00	0.00

TRINITY_sp|Q9SR7At3g1013	Heme-binding-like p	35.00	0.00
TRINITY_sp|Q5ZK1ATP13A4	Probable cation-tra	34.90	0.00
TRINITY_sp|Q8L9CKCR1	Very-long-chain 3-o	34.90	0.00
TRINITY_sp|Q0352SCS7	Ceramide very long	34.90	0.00
TRINITY_sp|A1L27slc29a4	Equilibrative nucle	34.90	0.00
TRINITY_sp|Q566FThem4	Acyl-coenzyme A thi	34.90	0.00
TRINITY_sp|P3518PTC1	Protein phosphatase	34.90	0.00
TRINITY_sp|Q59V1HHT1	Histone H3.1/H3.2 O	34.90	0.00
TRINITY_sp|Q28I1ngdn	Neuroguidin OS=Xeno	34.90	0.00
TRINITY_sp|Q041(-	Pathogenesis-relate	34.90	0.00
TRINITY_sp|Q96G7RMND5B	Protein RMD5 homolo	34.90	0.00
TRINITY_sp|Q6345Mapk4	Mitogen-activated p	34.90	0.00
TRINITY_sp|Q55F4atp5D	ATP synthase subuni	34.90	0.00
TRINITY_sp|Q8GY7RPN9B	26S proteasome non-	34.90	0.00
TRINITY_sp|Q4015-	LEC14B protein OS=L	34.90	0.00
TRINITY_sp|O9443SPBC660	Uncharacterized RNA	34.90	0.00
TRINITY_sp|Q8LF9ASK21	SKP1-like protein 2	34.90	0.00
TRINITY_sp|Q9FE5RPL22C	60S ribosomal prote	34.90	0.00
TRINITY_sp|O1882AOAH	Acyloxyacyl hydrola	34.90	0.00
TRINITY_sp|Q9JK2Aatf	Protein AATF OS=Mus	34.90	0.00
TRINITY_sp|F4K26ATG101	Autophagy-related p	34.90	0.00
TRINITY_sp|Q9P41LYS3	Saccharopine dehydr	34.90	0.00
TRINITY_sp|O2292At2g3032	Putative tRNA pseud	34.90	0.00
TRINITY_sp|O0051FAAH	Fatty-acid amide hy	34.90	0.00
TRINITY_sp|Q2QK1PCS3	Glutathione gamma-g	34.90	0.00
TRINITY_sp|Q9P41AGM1	Phosphoacetylglucos	34.90	0.00
TRINITY_sp|Q5548argS	Arginine--tRNA liga	34.90	0.00
TRINITY_sp|Q9P77mak1	Peroxide stress-act	34.90	0.00
TRINITY_sp|Q94D1PHT1-11	Inorganic phosphate	34.90	0.00
TRINITY_sp|Q0D91STAR1	Protein STAR1 OS=Or	34.90	0.00
TRINITY_sp|Q94C1TIP1-2	Probable aquaporin	34.90	0.00
TRINITY_sp|B0G18spcs3	Signal peptidase co	34.90	0.00
TRINITY_sp|Q8CG1Rbm28	RNA-binding protein	34.90	0.00
TRINITY_sp|P3789CBP1	Serine carboxypepti	34.90	0.00
TRINITY_sp|Q68C1HGSNAT	Heparan-alpha-gluco	34.90	0.00
TRINITY_sp|Q9LD1BETAA-AI	Beta-adaptin-like p	34.90	0.00
TRINITY_sp|Q6C71PHO85	Negative regulator	34.90	0.00
TRINITY_sp|Q5KQ1CMT2	DNA (cytosine-5)-me	34.90	0.00
TRINITY_sp|Q5001TKPR1	Tetraketide alpha-p	34.90	0.00
TRINITY_sp|P5464pkbA	RAC family serine/t	34.90	0.00
TRINITY_sp|P0042COX5B	Cytochrome c oxidas	34.90	0.00
TRINITY_sp|Q8RW1CPK29	Calcium-dependent p	34.90	0.00
TRINITY_sp|Q0ZD1urad	2-oxo-4-hydroxy-4-c	34.90	0.00
TRINITY_sp|P148(yoxD	Uncharacterized oxi	34.90	0.00
TRINITY_sp|Q5M94Rrp15	RRP15-like protein	34.90	0.00
TRINITY_sp|P3239Arp3	Actin-related prote	34.90	0.00
TRINITY_sp|Q9XT1tbh-1	Tyramine beta-hydro	34.90	0.00
TRINITY_sp|Q99J1K1hl22	Kelch-like protein	34.90	0.00
TRINITY_sp|Q9ZRIYKT61	VAMP-like protein Y	34.90	0.00
TRINITY_sp|Q5R96ZFAND2A	AN1-type zinc finge	34.90	0.00
TRINITY_sp|P341(fhkC	Probable serine/thr	34.90	0.00
TRINITY_sp|Q095(C45G9.2	Uncharacterized tRN	34.90	0.00
TRINITY_sp|Q54N1vmp1	Vacuole membrane pr	34.90	0.00
TRINITY_sp|Q5F31TTC27	Tetratricopeptide r	34.90	0.00
TRINITY_sp|Q220(pde-4	Probable 3',5'-cycl	34.90	0.00
TRINITY_sp|Q6NM1At5g6568	Probable sphingolip	34.90	0.00

TRINITY_sp|P2271Gucy1b2	Guanylate cyclase s	34.90	0.00
TRINITY_sp|Q9XWY37D8A.2	Putative phospholip	34.80	0.00
TRINITY_sp|Q9025es1	ES1 protein, mitoch	34.80	0.00
TRINITY_sp|Q9FPFIEDR1	Serine/threonine-pr	34.80	0.00
TRINITY_sp|P5821LOXL3	Lysyl oxidase homol	34.80	0.00
TRINITY_sp|Q8WV6NUDCD2	NudC domain-contain	34.80	0.00
TRINITY_sp|Q86CFatg8	Autophagy-related p	34.80	0.00
TRINITY_sp|Q6MC7pepA	Probable cytosol am	34.80	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	34.80	0.00
TRINITY_sp|Q9VR9HERC2	Probable E3 ubiquit	34.80	0.00
TRINITY_sp|Q969fPOP5	Ribonuclease P/MRP	34.80	0.00
TRINITY_sp|Q6525Os06g052	Probable protein ph	34.80	0.00
TRINITY_sp|Q96QFATAD5	ATPase family AAA d	34.80	0.00
TRINITY_sp|A8FH3ppaX	Pyrophosphatase Ppa	34.80	0.00
TRINITY_sp|P2764spoVK	Stage V sporulation	34.80	0.00
TRINITY_sp|Q86S4C50D2.7	Probable ADP-depend	34.80	0.00
TRINITY_sp|Q55B2dcd1A	Protein dcd1A OS=Di	34.80	0.00
TRINITY_sp|Q9VIVRanGAP	Ran GTPase-activati	34.80	0.00
TRINITY_sp|Q5568slr0021	Putative protease s	34.80	0.00
TRINITY_sp|Q54F2mroh1	Maestro heat-like r	34.80	0.00
TRINITY_sp|O3163yjcL	Uncharacterized mem	34.80	0.00
TRINITY_sp|Q6CF6FIS1	Mitochondria fissio	34.80	0.00
TRINITY_sp|Q8YSUalr2987	UPF0187 protein alr	34.80	0.00
TRINITY_sp|A2VDUMAP3K7	Mitogen-activated p	34.80	0.00
TRINITY_sp|Q6GLValyref-k	THO complex subunit	34.80	0.00
TRINITY_sp|Q80LIVCATH	Viral cathepsin OS=	34.80	0.00
TRINITY_sp|A1YV7KDM5C	Lysine-specific dem	34.80	0.00
TRINITY_sp|Q8NE8MCU	Calcium uniporter p	34.80	0.00
TRINITY_sp|Q7Z73YTHDF3	YTH domain-containi	34.80	0.00
TRINITY_sp|Q55CFrasX	Ras-like protein ra	34.80	0.00
TRINITY_sp|Q6P0lexosc6	Exosome complex com	34.80	0.00
TRINITY_sp|Q8L54LT01	Thiol-disulfide oxi	34.80	0.00
TRINITY_sp|Q54BIdstC	Signal transducer a	34.80	0.00
TRINITY_sp|Q1816C25E10.1	UPF0046 protein C25	34.80	0.00
TRINITY_sp|Q6H7UCIPK26	CBL-interacting pro	34.80	0.00
TRINITY_sp|P091CP4HB	Protein disulfide-i	34.80	0.00
TRINITY_sp|Q93YVCLS	Cardiolipin synthas	34.80	0.00
TRINITY_sp|Q54Dvergic3	Probable endoplasmi	34.80	0.00
TRINITY_sp|Q54N7fsjC	Putative rRNA methy	34.80	0.00
TRINITY_sp|P7426slr1673	Uncharacterized tRN	34.80	0.00
TRINITY_sp|Q8LF4TFB4	RNA polymerase II t	34.80	0.00
TRINITY_sp|Q9QYfRdh11	Retinol dehydrogena	34.80	0.00
TRINITY_sp|B3MF3Art7	Protein arginine N-	34.80	0.00
TRINITY_sp|Q86C2dhkK	Hybrid signal trans	34.80	0.00
TRINITY_sp|Q6NZ6Eif4g1	Eukaryotic translat	34.80	0.00
TRINITY_sp|A6RBVHCAG_071	Very-long-chain 3-o	34.80	0.00
TRINITY_sp|Q8GU6RH50	DEAD-box ATP-depend	34.80	0.00
TRINITY_sp|P4606RECQL	ATP-dependent DNA h	34.80	0.00
TRINITY_sp|Q9H17ANAPC1	Anaphase-promoting	34.80	0.00
TRINITY_sp|P3565DEK	Protein DEK OS=Homo	34.80	0.00
TRINITY_sp|O9582MLYCD	Malonyl-CoA decarbo	34.80	0.00
TRINITY_sp|Q9Y07itr-1	Inositol 1,4,5-tris	34.80	0.00
TRINITY_sp|Q75D7FMN1	Riboflavin kinase O	34.80	0.00
TRINITY_sp|Q9LIHUNG	Uracil-DNA glycosyl	34.80	0.00
TRINITY_sp|Q55C1uba1	Ubiquitin-like modi	34.80	0.00
TRINITY_sp|Q54N7kif4	Kinesin-related pro	34.80	0.00

TRINITY_sp|Q6341Pcsk6	Proprotein converta	34.80	0.00
TRINITY_sp|Q9ZU5BAT1	Amino-acid permease	34.80	0.00
TRINITY_sp|Q8BY1Itpk1	Inositol-tetrakisph	34.80	0.00
TRINITY_sp|Q2202cfxQ	Protein CfxQ homolo	34.80	0.00
TRINITY_sp|Q6DF\Ncapg2	Condensin-2 complex	34.80	0.00
TRINITY_sp|Q9S9VSDRA	Short-chain dehydro	34.80	0.00
TRINITY_sp|Q5BPIAt4g0667	Protein EI24 homolo	34.80	0.00
TRINITY_sp|P4352cya	Adenylate cyclase O	34.80	0.00
TRINITY_sp|Q6B9\vwkA	Alpha-protein kinas	34.80	0.00
TRINITY_sp|Q94A3SFH12	Phosphatidylinosito	34.70	0.00
TRINITY_sp|Q9FVFAt1g3222	Uncharacterized pro	34.70	0.00
TRINITY_sp|Q8VY7RS2Z33	Serine/arginine-ric	34.70	0.00
TRINITY_sp|Q5P4IgatA	Glutamyl-tRNA(Gln)	34.70	0.00
TRINITY_sp|Q9ESVPgpep1	Pyroglutamyl-peptid	34.70	0.00
TRINITY_sp|Q8BI\Gpatch3	G patch domain-cont	34.70	0.00
TRINITY_sp|O8275RBL7	RHOMBOID-like prote	34.70	0.00
TRINITY_sp|Q2929CSTB	Cystatin-B OS=Sus s	34.70	0.00
TRINITY_sp|Q6IVWift57	Intraflagellar tran	34.70	0.00
TRINITY_sp|P2379RIT1	tRNA A64-2'-O-ribos	34.70	0.00
TRINITY_sp|P6339yheS	Uncharacterized ABC	34.70	0.00
TRINITY_sp|Q5ZII\COPE	Coatomer subunit ep	34.70	0.00
TRINITY_sp|P3089evgS	Sensor protein EvgS	34.70	0.00
TRINITY_sp|O3461ytqB	Putative rRNA methy	34.70	0.00
TRINITY_sp|Q9209Msi2	RNA-binding protein	34.70	0.00
TRINITY_sp|Q9FII\ATL30	RING-H2 finger prot	34.70	0.00
TRINITY_sp|Q8VEHPla2g15	Group XV phospholip	34.70	0.00
TRINITY_sp|Q9AV8PRP19	Pre-mRNA-processing	34.70	0.00
TRINITY_sp|Q2UN9oct1	Mitochondrial inter	34.70	0.00
TRINITY_sp|Q9GV1-	Endoglycoceramidase	34.70	0.00
TRINITY_sp|Q9M2IAAt3g6132	UPF0187 protein At3	34.70	0.00
TRINITY_sp|Q9FVWUPF3	Regulator of nonsen	34.70	0.00
TRINITY_sp|Q99L9Abtb1	Ankyrin repeat and	34.70	0.00
TRINITY_sp|Q6TA9ADCS	Aminodeoxychorismat	34.70	0.00
TRINITY_sp|Q54J9DDB_G029	Probable serine/thr	34.70	0.00
TRINITY_sp|Q5SS9Sft2d1	Vesicle transport p	34.70	0.00
TRINITY_sp|Q9SC9PAP17	Purple acid phospho	34.70	0.00
TRINITY_sp|P5469pikD	Phosphatidylinosito	34.70	0.00
TRINITY_sp|Q54B1redA	NADPH oxidoreductas	34.70	0.00
TRINITY_sp|Q54C9cog6	Conserved oligomeri	34.70	0.00
TRINITY_sp|Q55G9DDB_G029	Probable phosphatid	34.70	0.00
TRINITY_sp|Q8CII9Sidt2	SID1 transmembrane	34.70	0.00
TRINITY_sp|Q8BX9Ppk	PX domain-containin	34.70	0.00
TRINITY_sp|Q91X9Chia	Acidic mammalian ch	34.70	0.00
TRINITY_sp|Q54D9DDB_G029	Putative protein DD	34.70	0.00
TRINITY_sp|Q8LE9NUDT11	Nudix hydrolase 11	34.70	0.00
TRINITY_sp|Q86UVN4BP2	NEDD4-binding prote	34.70	0.00
TRINITY_sp|Q1HF9Nsun2	tRNA (cytosine(34)-	34.70	0.00
TRINITY_sp|Q5SP9wdr26	WD repeat-containin	34.70	0.00
TRINITY_sp|Q9449SNF4	Sucrose nonfermenti	34.70	0.00
TRINITY_sp|Q54L9cog7	Conserved oligomeri	34.70	0.00
TRINITY_sp|Q6GL9ibrd9	Bromodomain-contain	34.70	0.00
TRINITY_sp|Q9TW9myoM	Myosin-M heavy chai	34.70	0.00
TRINITY_sp|Q8W59CYCH1-1	Cyclin-H1-1 OS=Arab	34.70	0.00
TRINITY_sp|Q9ES9Dusp10	Dual specificity pr	34.70	0.00
TRINITY_sp|Q8ND9CCNY	Cyclin-Y OS=Homo sa	34.70	0.00
TRINITY_sp|Q54B9nfx1	Transcriptional rep	34.70	0.00

TRINITY_sp|Q8NFI|FLAD1	FAD synthase OS=Hom	34.70	0.00
TRINITY_sp|Q61Y|CBG0355	Leishmanolysin-like	34.70	0.00
TRINITY_sp|Q8BL|Met121	Protein-lysine meth	34.70	0.00
TRINITY_sp|P480|gacS	Sensor protein GacS	34.70	0.00
TRINITY_sp|P554|NGR_a03	Uncharacterized pro	34.70	0.00
TRINITY_sp|E9L7-	Bifunctional aspart	34.70	0.00
TRINITY_sp|Q8BT|Rccd1	RCC1 domain-contain	34.70	0.00
TRINITY_sp|O806|APY6	Probable apyrase 6	34.70	0.00
TRINITY_sp|Q9Y2|TRAPPC4	Trafficking protein	34.70	0.00
TRINITY_sp|P590|vps18	Vacuolar protein so	34.70	0.00
TRINITY_sp|O149|PIP5K1B	Phosphatidylinosito	34.70	0.00
TRINITY_sp|Q5BU|Eapp	E2F-associated phos	34.70	0.00
TRINITY_sp|Q8C0|Slc25a1	Graves disease carr	34.70	0.00
TRINITY_sp|P547|pknA	Serine/threonine-pr	34.70	0.00
TRINITY_sp|Q8L5|TFCD	Tubulin-folding cof	34.70	0.00
TRINITY_sp|Q80Y|Alkbh8	Alkylated DNA repai	34.70	0.00
TRINITY_sp|O440|PYK	Pyruvate kinase OS=	34.70	0.00
TRINITY_sp|A5PK|IOXR1	Oxidation resistanc	34.70	0.00
TRINITY_sp|O056|vanA	Vanillate O-demethy	34.70	0.00
TRINITY_sp|Q86H|cf45-1	Counting factor 45-	34.70	0.00
TRINITY_sp|Q6CN|HSV2	SVP1-like protein 2	34.70	0.00
TRINITY_sp|Q54S|allB1	Probable allantoina	34.60	0.00
TRINITY_sp|Q8RV|IDEK1	Calpain-type cystei	34.60	0.00
TRINITY_sp|P238|sds21	Serine/threonine-pr	34.60	0.00
TRINITY_sp|Q8LAI|HCC2	Protein SCO1 homolo	34.60	0.00
TRINITY_sp|P372|FRM2	Fatty acid repressi	34.60	0.00
TRINITY_sp|Q0BW|mnmG	tRNA uridine 5-carb	34.60	0.00
TRINITY_sp|Q8RX|HDA5	Histone deacetylase	34.60	0.00
TRINITY_sp|Q54R|fdhkL	Hybrid signal trans	34.60	0.00
TRINITY_sp|Q9UK|GPATCH8	G patch domain-cont	34.60	0.00
TRINITY_sp|P684|erg3	C-5 sterol desatura	34.60	0.00
TRINITY_sp|Q96Q|ALKBH3	Alpha-ketoglutarate	34.60	0.00
TRINITY_sp|Q8WW|RTN4IP1	Reticulon-4-interac	34.60	0.00
TRINITY_sp|Q5FV|Wdsub1	WD repeat, SAM and	34.60	0.00
TRINITY_sp|Q9NB-	T-complex protein 1	34.60	0.00
TRINITY_sp|Q9SM|LKR/SDH	Alpha-aminoadipic s	34.60	0.00
TRINITY_sp|Q6XP|PLA2G15	Group XV phospholip	34.60	0.00
TRINITY_sp|P598|RDH12	Retinol dehydrogena	34.60	0.00
TRINITY_sp|F4JT|STY46	Serine/threonine-pr	34.60	0.00
TRINITY_sp|Q8LB|RBL15	Rhomboid-like prote	34.60	0.00
TRINITY_sp|F4JY|DHFS	Dihydrofolate synth	34.60	0.00
TRINITY_sp|O946|rev1	DNA repair protein	34.60	0.00
TRINITY_sp|A0JP|cnot1	CCR4-NOT transcript	34.60	0.00
TRINITY_sp|Q66J|trmt10a	tRNA methyltransfer	34.60	0.00
TRINITY_sp|Q9UN|ABCG2	ATP-binding cassett	34.60	0.00
TRINITY_sp|Q2KI|SUGT1	Protein SGT1 homolo	34.60	0.00
TRINITY_sp|Q9P2|VPS18	Vacuolar protein so	34.60	0.00
TRINITY_sp|Q9FY|TRS120	Trafficking protein	34.60	0.00
TRINITY_sp|Q1EB|BPM5	BTB/POZ and MATH do	34.60	0.00
TRINITY_sp|Q54T|drkC	Probable serine/thr	34.60	0.00
TRINITY_sp|Q653|Os09g05	Probable protein ph	34.60	0.00
TRINITY_sp|Q000|SLC25A5	ADP/ATP translocase	34.60	0.00
TRINITY_sp|P743|sl11541	Apocarotenoid-15,15	34.60	0.00
TRINITY_sp|Q9JK|Cyp39a1	24-hydroxycholester	34.60	0.00
TRINITY_sp|Q5JI|TK1689	Subtilisin-like ser	34.60	0.00
TRINITY_sp|O154|ABCC4	Multidrug resistanc	34.60	0.00

TRINITY_sp|Q6GPFtaok2	Serine/threonine-pr	34.60	0.00
TRINITY_sp|A3KMRANBP10	Ran-binding protein	34.60	0.00
TRINITY_sp|P800cpcsa1	Thermostable carbox	34.60	0.00
TRINITY_sp|A6H7ECOPS3	COP9 signalosome co	34.60	0.00
TRINITY_sp|Q5VYFECM29	Proteasome-associat	34.60	0.00
TRINITY_sp|Q4PIRRP36	rRNA biogenesis pro	34.60	0.00
TRINITY_sp|A7Z0PPIP5K1	Inositol hexakispho	34.60	0.00
TRINITY_sp|A0JMFmtmr2	Myotubularin-relate	34.60	0.00
TRINITY_sp|O138imp3	U3 small nucleolar	34.60	0.00
TRINITY_sp|Q8BXGpigt	GPI transamidase co	34.60	0.00
TRINITY_sp|P418gar2	Protein gar2 OS=Sch	34.60	0.00
TRINITY_sp|Q5BLImettl21a	Protein N-lysine me	34.60	0.00
TRINITY_sp|Q8N3SLC35F6	Solute carrier fami	34.60	0.00
TRINITY_sp|Q9UTtif222	Probable translatio	34.60	0.00
TRINITY_sp|P621NCS1	Neuronal calcium se	34.60	0.00
TRINITY_sp|Q207tbcb-1	Tubulin-specific ch	34.60	0.00
TRINITY_sp|Q9ATFADA2B	Transcriptional ada	34.60	0.00
TRINITY_sp|Q9SKAt2g203a	NADH dehydrogenase	34.60	0.00
TRINITY_sp|Q87AIPD_1893	UPF0394 membrane pr	34.60	0.00
TRINITY_sp|Q55EgxcB	Rac guanine nucleot	34.60	0.00
TRINITY_sp|Q9SJSPP2	Probable sucrose-ph	34.60	0.00
TRINITY_sp|A5YKFCNOT1	CCR4-NOT transcript	34.60	0.00
TRINITY_sp|Q9ZUIETL1	Protein CHROMATIN R	34.60	0.00
TRINITY_sp|Q8Z0dfa5	Putative diflavin f	34.60	0.00
TRINITY_sp|P535Cebpz	CCAAT/enhancer-bind	34.60	0.00
TRINITY_sp|P109-	Retrovirus-related	34.60	0.00
TRINITY_sp|Q54Iupf1	Regulator of nonsen	34.60	0.00
TRINITY_sp|Q5U3-	UPF0769 protein C21	34.60	0.00
TRINITY_sp|D2Z0dcsG	Cycloserine biosynt	34.50	0.00
TRINITY_sp|Q6V5FZnf474	Zinc finger protein	34.50	0.00
TRINITY_sp|Q91YSlc13a3	Solute carrier fami	34.50	0.00
TRINITY_sp|A3B5CIPK28	CBL-interacting pro	34.50	0.00
TRINITY_sp|Q55Bp1bB	Phospholipase B-lik	34.50	0.00
TRINITY_sp|C9J7RASA4B	Ras GTPase-activati	34.50	0.00
TRINITY_sp|Q86Jtrmt61a	tRNA (adenine(58)-N	34.50	0.00
TRINITY_sp|Q4I0TIM50	Mitochondrial impor	34.50	0.00
TRINITY_sp|Q54Ntatg9	Autophagy-related p	34.50	0.00
TRINITY_sp|Q54BMmcfG	Mitochondrial subst	34.50	0.00
TRINITY_sp|Q69Q4CIPK24	CBL-interacting pro	34.50	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	34.50	0.00
TRINITY_sp|Q6C2INOP14	Probable nucleolar	34.50	0.00
TRINITY_sp|Q8EPybeY	Endoribonuclease Yb	34.50	0.00
TRINITY_sp|Q136RAB32	Ras-related protein	34.50	0.00
TRINITY_sp|Q9LVADS3.2	Probable lipid desa	34.50	0.00
TRINITY_sp|A2VE4ADPGK	ADP-dependent gluco	34.50	0.00
TRINITY_sp|Q9VYUpf1	Regulator of nonsen	34.50	0.00
TRINITY_sp|Q9VHInvadoly	Leishmanolysin-like	34.50	0.00
TRINITY_sp|P193NCL	Nucleolin OS=Homo s	34.50	0.00
TRINITY_sp|Q8W5EKIN7D	Kinesin-like protei	34.50	0.00
TRINITY_sp|Q4V7Insun2	tRNA (cytosine(34)-	34.50	0.00
TRINITY_sp|Q55Bfdgat1	Diacylglycerol O-ac	34.50	0.00
TRINITY_sp|Q5AYfpob3	FACT complex subuni	34.50	0.00
TRINITY_sp|Q5XI>Dnajc14	DnaJ homolog subfam	34.50	0.00
TRINITY_sp|Q99LCTtc5	Tetratricopeptide r	34.50	0.00
TRINITY_sp|Q91ZfAbhd3	Phospholipase ABHD3	34.50	0.00
TRINITY_sp|P966(ydbI	UPF0118 membrane pr	34.50	0.00

TRINITY_sp|P377{rfbC	dTDP-4-dehydrorhamn	34.50	0.00
TRINITY_sp|Q86JMDDB_G02	Putative elongation	34.50	0.00
TRINITY_sp|Q8MYIDDB_G02	Probable serine/thr	34.50	0.00
TRINITY_sp|Q755{OXR1	Oxidation resistanc	34.50	0.00
TRINITY_sp|Q963{IMPA1	Importin subunit al	34.50	0.00
TRINITY_sp|O435{ATP8B1	Phospholipid-transp	34.50	0.00
TRINITY_sp|Q9UK{PARP4	Poly [ADP-ribose] p	34.50	0.00
TRINITY_sp|Q9FP{UBP24	Ubiquitin carboxyl-	34.50	0.00
TRINITY_sp|Q05B{GTF2H3	General transcripti	34.50	0.00
TRINITY_sp|Q54B{exoc6	Exocyst complex com	34.50	0.00
TRINITY_sp|Q9FG{TIL	Temperature-induced	34.50	0.00
TRINITY_sp|Q9ZU{BAT1	Amino-acid permease	34.50	0.00
TRINITY_sp|Q9S7{LOG2	Probable E3 ubiquit	34.50	0.00
TRINITY_sp|Q96E{MCRS1	Microspherule prote	34.50	0.00
TRINITY_sp|Q8I7{Ipol	Retrovirus-related	34.50	0.00
TRINITY_sp|O129{RAD54L	DNA repair and reco	34.50	0.00
TRINITY_sp|Q8BG{Tmtc4	Transmembrane and T	34.50	0.00
TRINITY_sp|Q9LQ{ABCI7	Protein ABCI7, chlo	34.50	0.00
TRINITY_sp|Q8LB{SPX1	SPX domain-containi	34.50	0.00
TRINITY_sp|A8IS{ARL3	ADP-ribosylation fa	34.50	0.00
TRINITY_sp|Q8W4{CAT4	Cationic amino acid	34.50	0.00
TRINITY_sp|Q079{ARHGAP1	Rho GTPase-activati	34.50	0.00
TRINITY_sp|Q8C7{Emc1	ER membrane protein	34.50	0.00
TRINITY_sp|Q55A{DDB_G02	Probable serine/thr	34.50	0.00
TRINITY_sp|Q4P2{UMAG_05{	ATP-dependent (S)-N	34.50	0.00
TRINITY_sp|Q8R3{Nop14	Nucleolar protein 1	34.50	0.00
TRINITY_sp|O343{ylbH	Putative rRNA methy	34.50	0.00
TRINITY_sp|Q055{CHI17	Acidic 27 kDa endoc	34.50	0.00
TRINITY_sp|A7J1{map3k13-	Mitogen-activated p	34.50	0.00
TRINITY_sp|Q9S7{PPD3	PsbP domain-contain	34.50	0.00
TRINITY_sp|Q9P3{bud20	Zinc finger protein	34.50	0.00
TRINITY_sp|Q9ZU{BAT1	Amino-acid permease	34.50	0.00
TRINITY_sp|Q9SW{CHLM	Magnesium protoporp	34.50	0.00
TRINITY_sp|P360{EBP2	rRNA-processing pro	34.50	0.00
TRINITY_sp|Q9M9{At3g0564	Probable protein ph	34.50	0.00
TRINITY_sp|Q8HX{ABCC1	Multidrug resistanc	34.50	0.00
TRINITY_sp|P109{-	Retrovirus-related	34.50	0.00
TRINITY_sp|Q028{PNG1	Peptide-N(4)-(N-ace	34.50	0.00
TRINITY_sp|Q9P8{tcsA	Two-component syste	34.50	0.00
TRINITY_sp|Q7SX{fmaea	Macrophage erythrob	34.50	0.00
TRINITY_sp|P605{GABARAPI	Gamma-aminobutyric	34.40	0.00
TRINITY_sp|A5UX{igata	Glutamyl-tRNA (Gln)	34.40	0.00
TRINITY_sp|Q9VD{meigo	Solute carrier fami	34.40	0.00
TRINITY_sp|Q02V{mutS	DNA mismatch repair	34.40	0.00
TRINITY_sp|O137{SPAC17A5	Uncharacterized pro	34.40	0.00
TRINITY_sp|Q499{Tmco4	Transmembrane and c	34.40	0.00
TRINITY_sp|Q9UT{SPAC513.	Probable phosphatas	34.40	0.00
TRINITY_sp|Q7G1{FIM1	Fimbrin-1 OS=Arabid	34.40	0.00
TRINITY_sp|A1A0{rpsE	30S ribosomal prote	34.40	0.00
TRINITY_sp|Q1MT{vid27	Vacuolar import and	34.40	0.00
TRINITY_sp|P800{-	Extracellular ribon	34.40	0.00
TRINITY_sp|Q2KI{TDH	L-threonine 3-dehyd	34.40	0.00
TRINITY_sp|Q84M{ABCA1	ABC transporter A f	34.40	0.00
TRINITY_sp|F4IN{GGP4	Gamma-glutamyl pept	34.40	0.00
TRINITY_sp|Q9LD{CYCB2-3	Cyclin-B2-3 OS=Arab	34.40	0.00
TRINITY_sp|O510{trmH	tRNA (guanosine(18)	34.40	0.00

TRINITY_sp|P0987	PARP1	Poly [ADP-ribose] p	34.40	0.00
TRINITY_sp|Q6444	Atp7b	Copper-transporting	34.40	0.00
TRINITY_sp|P0D0C	dkey-242	Protein C8orf37 hom	34.40	0.00
TRINITY_sp|P5198	-	G2/mitotic-specific	34.40	0.00
TRINITY_sp|P4917	IVR1	Beta-fructofuranosi	34.40	0.00
TRINITY_sp|Q3SZ8	BOLA3	Bola-like protein 3	34.40	0.00
TRINITY_sp|C7G04	DDB_G028	von Willebrand fact	34.40	0.00
TRINITY_sp|P1464	Pde4c	cAMP-specific 3',5'	34.40	0.00
TRINITY_sp|Q9C9C	ENDO2	Endonuclease 2 OS=A	34.40	0.00
TRINITY_sp|P2817	pkgB	Protein kinase 2 OS	34.40	0.00
TRINITY_sp|Q6P3V	SCYL2	SCY1-like protein 2	34.40	0.00
TRINITY_sp|Q8RWI	STY17	Serine/threonine-pr	34.40	0.00
TRINITY_sp|Q149M	SHPRH	E3 ubiquitin-protei	34.40	0.00
TRINITY_sp|O8899	Marc2	Mitochondrial amido	34.40	0.00
TRINITY_sp|Q3ZC6	CFAP36	Cilia- and flagella	34.40	0.00
TRINITY_sp|Q52T6	PAT24	Protein S-acyltrans	34.40	0.00
TRINITY_sp|O7673	tupA	General transcripti	34.40	0.00
TRINITY_sp|Q6522	Os06g052	Probable protein ph	34.40	0.00
TRINITY_sp|Q9P77	SPBC1711	Dipeptidyl-peptidas	34.40	0.00
TRINITY_sp|Q9UL8	RNF112	RING finger protein	34.40	0.00
TRINITY_sp|Q5UP5	MIMI_R58	Uncharacterized pro	34.40	0.00
TRINITY_sp|Q54C8	ddx17	Probable ATP-depend	34.40	0.00
TRINITY_sp|P0509	abpA	Alpha-actinin A OS=	34.40	0.00
TRINITY_sp|P4189	gar2	Protein gar2 OS=Sch	34.40	0.00
TRINITY_sp|Q07G1	alkbh8	Alkylated DNA repai	34.40	0.00
TRINITY_sp|Q9UI1	LCMT1	Leucine carboxyl me	34.40	0.00
TRINITY_sp|Q1457	ITPR3	Inositol 1,4,5-tris	34.40	0.00
TRINITY_sp|Q8VZ6	At4g1919	Uncharacterized zin	34.40	0.00
TRINITY_sp|Q2XV8	scn4aa	Sodium channel prot	34.40	0.00
TRINITY_sp|Q8VY8	NUDT21	Nudix hydrolase 21,	34.40	0.00
TRINITY_sp|Q8LH8	SHL2	Probable RNA-depend	34.40	0.00
TRINITY_sp|O758C	CAPN15	Calpain-15 OS=Homo	34.40	0.00
TRINITY_sp|P7317	s111290	Uncharacterized rib	34.40	0.00
TRINITY_sp|Q9QZ7	XPR1	Xenotropic and poly	34.40	0.00
TRINITY_sp|Q86TV	ADCK1	Uncharacterized aar	34.40	0.00
TRINITY_sp|Q54H4	drkA	Probable serine/thr	34.40	0.00
TRINITY_sp|P3858	TTL	Tubulin--tyrosine 1	34.40	0.00
TRINITY_sp|Q0V9F	dis3l2	DIS3-like exonuclea	34.40	0.00
TRINITY_sp|Q9LU4	ACA9	Calcium-transportin	34.40	0.00
TRINITY_sp|Q2462	ref(2)P	Protein ref(2)P OS=	34.40	0.00
TRINITY_sp|Q96V8	HBN1	Putative nitroreduc	34.40	0.00
TRINITY_sp|Q3TZ7	Cdk14	Cyclin-dependent ki	34.40	0.00
TRINITY_sp|P2271	Gucylb2	Guanylate cyclase s	34.40	0.00
TRINITY_sp|Q8IZ8	FXRN1	5'-3' exoribonuclea	34.40	0.00
TRINITY_sp|Q9BV8	EMC6	ER membrane protein	34.40	0.00
TRINITY_sp|P4977	aph1	Bis(5'-nucleosyl)-t	34.30	0.00
TRINITY_sp|Q6Z82	WEE1	Wee1-like protein k	34.30	0.00
TRINITY_sp|B6QM8	vps10	Vacuolar protein so	34.30	0.00
TRINITY_sp|Q6TB3	CYP97C1	Carotene epsilon-mo	34.30	0.00
TRINITY_sp|P364C	TRIM23	E3 ubiquitin-protei	34.30	0.00
TRINITY_sp|Q6X47	CIPK31	CBL-interacting pro	34.30	0.00
TRINITY_sp|Q8IS1	gefI	Ras guanine nucleot	34.30	0.00
TRINITY_sp|P3245	GBP2	Guanylate-binding p	34.30	0.00
TRINITY_sp|Q2KI5	COPS7B	COP9 signalosome co	34.30	0.00
TRINITY_sp|Q9LE7	RBL20	Rhomboid-like prote	34.30	0.00
TRINITY_sp|P4636	birA	Bifunctional ligase	34.30	0.00

TRINITY_sp|Q08DCHSF1	Heat shock factor p	34.30	0.00
TRINITY_sp|Q54BVttc27	Tetratricopeptide r	34.30	0.00
TRINITY_sp|Q6L5C0s05g058	Probable protein ph	34.30	0.00
TRINITY_sp|P2577-	Cruzipain OS=Trypan	34.30	0.00
TRINITY_sp|Q6NLCPK32	Calcium-dependent p	34.30	0.00
TRINITY_sp|P3318yhxA	Uncharacterized ami	34.30	0.00
TRINITY_sp|Q9TW2myoM	Myosin-M heavy chai	34.30	0.00
TRINITY_sp|Q54GEctdsp12	CTD small phosphata	34.30	0.00
TRINITY_sp|Q8VW2SMO2-2	Methylsterol monoox	34.30	0.00
TRINITY_sp|E9Q48Pde8b	High affinity cAMP-	34.30	0.00
TRINITY_sp|Q6AYCMmadhc	Methylmalonic acidu	34.30	0.00
TRINITY_sp|Q80Z2Nampt	Nicotinamide phosph	34.30	0.00
TRINITY_sp|Q9ZB8lysa	Diaminopimelate dec	34.30	0.00
TRINITY_sp|Q9GSEcrtp1	Crt homolog 1 OS=Di	34.30	0.00
TRINITY_sp|Q552MDDB_G027	Putative ZDHHC-type	34.30	0.00
TRINITY_sp|Q9SFCMCM8	Probable DNA helica	34.30	0.00
TRINITY_sp|Q54L8DDB_G028	Probable serine/thr	34.30	0.00
TRINITY_sp|Q6PC2yif1a	Protein YIF1A OS=Da	34.30	0.00
TRINITY_sp|Q54H8DDB_G028	FAD-linked oxidored	34.30	0.00
TRINITY_sp|Q9VGF17726	Protein arginine me	34.30	0.00
TRINITY_sp|Q98T8rent1	Putative regulator	34.30	0.00
TRINITY_sp|Q9CP8Glod4	Glyoxalase domain-c	34.30	0.00
TRINITY_sp|O7518DNAJC13	DnaJ homolog subfam	34.30	0.00
TRINITY_sp|Q02P8lap	Aminopeptidase OS=P	34.30	0.00
TRINITY_sp|Q1231SFM1	Protein arginine N-	34.30	0.00
TRINITY_sp|Q6B98vwkA	Alpha-protein kinas	34.30	0.00
TRINITY_sp|P3228rasS	Ras-like protein ra	34.30	0.00
TRINITY_sp|P4288VNX1	Low affinity vacuol	34.30	0.00
TRINITY_sp|Q9SV8GH9B16	Endoglucanase 22 OS	34.30	0.00
TRINITY_sp|Q9SM8TFCC	Tubulin-folding cof	34.30	0.00
TRINITY_sp|O6268CYP2C41	Cytochrome P450 2C4	34.30	0.00
TRINITY_sp|Q9SL8HCS1	Biotin--protein lig	34.30	0.00
TRINITY_sp|A4W98seld	Selenide, water dik	34.30	0.00
TRINITY_sp|P8241RPL19	50S ribosomal prote	34.30	0.00
TRINITY_sp|Q9ST8At4g0838	Putative transcript	34.30	0.00
TRINITY_sp|O2438TIC110	Protein TIC110, chl	34.30	0.00
TRINITY_sp|Q91Y8Mettl13	Methyltransferase-1	34.30	0.00
TRINITY_sp|Q8N98IGDPD1	Glycerophosphodiester	34.30	0.00
TRINITY_sp|Q6V48H10HGO	8-hydroxygeraniol d	34.30	0.00
TRINITY_sp|P4288ECE1	Endothelin-converto	34.30	0.00
TRINITY_sp|P3578-	Venom allergen 5 OS	34.30	0.00
TRINITY_sp|Q9MA8PRMT10	Protein arginine N-	34.30	0.00
TRINITY_sp|Q84J8EZDP	Polynucleotide 3'-p	34.30	0.00
TRINITY_sp|Q9VG8ClC-a	Chloride channel pr	34.30	0.00
TRINITY_sp|Q5BA8dpp5	Probable dipeptidyl	34.30	0.00
TRINITY_sp|Q55C8vps26	Vacuolar protein so	34.30	0.00
TRINITY_sp|Q55E8DDB_G026	Probable serine/thr	34.30	0.00
TRINITY_sp|Q8QZ8Pde9a	High affinity cGMP-	34.30	0.00
TRINITY_sp|Q4018-	LEC14B protein OS=L	34.30	0.00
TRINITY_sp|Q7LH8TY3B-I	Transposon Ty3-I Ga	34.30	0.00
TRINITY_sp|Q94K8VPS33	Vacuolar protein-so	34.20	0.00
TRINITY_sp|Q9448POST48	Dolichyl-diphosphoo	34.20	0.00
TRINITY_sp|Q54W8egcn1	eIF-2-alpha kinase	34.20	0.00
TRINITY_sp|Q0748-	Ribonuclease OS=Aer	34.20	0.00
TRINITY_sp|Q82T8vdef1	Peptide deformylase	34.20	0.00
TRINITY_sp|Q9XY8noxA	Superoxide-generati	34.20	0.00

TRINITY_sp|P5346-	Actin, larval muscl	34.20	0.00
TRINITY_sp|B1VG6infB	Translation initiat	34.20	0.00
TRINITY_sp|P3446polk-1	DNA polymerase kapp	34.20	0.00
TRINITY_sp|Q5U25usp47	Ubiquitin carboxyl-	34.20	0.00
TRINITY_sp|Q6AX6mast3	Microtubule-associa	34.20	0.00
TRINITY_sp|P2916PCSK6	Proprotein converta	34.20	0.00
TRINITY_sp|P0CM6CWC21	Pre-mRNA-splicing f	34.20	0.00
TRINITY_sp|Q54U6pIdA	Phospholipase D A O	34.20	0.00
TRINITY_sp|P2506CML12	Calmodulin-like pro	34.20	0.00
TRINITY_sp|Q9416rac-2	Ras-related protein	34.20	0.00
TRINITY_sp|F4IVIGRV2	DnaJ homolog subfam	34.20	0.00
TRINITY_sp|Q8BG6Zadh2	Prostaglandin reduc	34.20	0.00
TRINITY_sp|P4186gar2	Protein gar2 OS=Sch	34.20	0.00
TRINITY_sp|Q9CX1Utp23	rRNA-processing pro	34.20	0.00
TRINITY_sp|Q28B6c2cd5	C2 domain-containin	34.20	0.00
TRINITY_sp|O1406SPAC2C4	Putative tRNA 2'-ph	34.20	0.00
TRINITY_sp|Q9UR6Tf2-11	Transposon Tf2-11 p	34.20	0.00
TRINITY_sp|P1096-	Retrovirus-related	34.20	0.00
TRINITY_sp|P2806AOAH	Acyloxyacyl hydroly	34.20	0.00
TRINITY_sp|Q2396kinX	Probable serine/thr	34.20	0.00
TRINITY_sp|Q9S76HSP70-14	Heat shock 70 kDa p	34.20	0.00
TRINITY_sp|Q86A6DDB_G026	Probable myosin lig	34.20	0.00
TRINITY_sp|Q9SY6HEX02	Beta-hexosaminidase	34.20	0.00
TRINITY_sp|Q69Z6Kiaa1161	Uncharacterized fam	34.20	0.00
TRINITY_sp|P2096RASA1	Ras GTPase-activati	34.20	0.00
TRINITY_sp|F4IA6THO2	THO complex subunit	34.20	0.00
TRINITY_sp|Q2KH6USP2	Ubiquitin carboxyl-	34.20	0.00
TRINITY_sp|Q2206pde-4	Probable 3',5'-cycl	34.20	0.00
TRINITY_sp|A5A66ASAH1	Acid ceramidase OS=	34.20	0.00
TRINITY_sp|O1316epha3	Ephrin type-A recep	34.20	0.00
TRINITY_sp|A8IU6CFAP99	Cilia- and flagella	34.20	0.00
TRINITY_sp|B7J96rlmD	23S rRNA (uracil(19	34.20	0.00
TRINITY_sp|Q55E6DDB_G026	Probable serine/thr	34.20	0.00
TRINITY_sp|O8266HCF136	Photosystem II stab	34.20	0.00
TRINITY_sp|Q96A6RAB37	Ras-related protein	34.20	0.00
TRINITY_sp|Q9SL6FALA6	Phospholipid-transp	34.20	0.00
TRINITY_sp|P8316LACTB	Serine beta-lactama	34.20	0.00
TRINITY_sp|P4366RMD8	Sporulation protein	34.20	0.00
TRINITY_sp|Q54J6fabcc3	ABC transporter C f	34.20	0.00
TRINITY_sp|Q7LH6TY3B-I	Transposon Ty3-I Ga	34.20	0.00
TRINITY_sp|Q5MB6ABCG2	ATP-binding cassett	34.20	0.00
TRINITY_sp|Q9LQ6RDR1	RNA-dependent RNA p	34.20	0.00
TRINITY_sp|H2DH6-	Cytochrome P450 CYP	34.20	0.00
TRINITY_sp|Q8L76LPEAT1	Lysophospholipid ac	34.20	0.00
TRINITY_sp|Q55E6corB	Coronin-B OS=Dictyo	34.20	0.00
TRINITY_sp|Q4V36FSPPL3	Signal peptide pept	34.20	0.00
TRINITY_sp|Q9ZU6BAT1	Amino-acid permease	34.20	0.00
TRINITY_sp|Q8RY6DEGP7	Protease Do-like 7	34.20	0.00

TRINITY_sp|Q9UT(paa1	Protein phosphatase	34.20	0.00
TRINITY_sp|Q9VV(Nedd4	E3 ubiquitin-protei	34.20	0.00
TRINITY_sp|Q1PF(CPK19	Calcium-dependent p	34.20	0.00
TRINITY_sp|Q8K0(Dync2li1	Cytoplasmic dynein	34.20	0.00
TRINITY_sp|Q55G(VDDB_G02	(AN1-type zinc finge	34.10	0.00
TRINITY_sp|A2YH(OsI_023	(Serine/threonine-pr	34.10	0.00
TRINITY_sp|F4J5(FMT	Clustered mitochond	34.10	0.00
TRINITY_sp|P116(ypt1	GTP-binding protein	34.10	0.00
TRINITY_sp|Q9FJ(IMPA5	Importin subunit al	34.10	0.00
TRINITY_sp|B2DB(IGGS-D	Geranylgeranyl pyro	34.10	0.00
TRINITY_sp|O004(IPO5	Importin-5 OS=Homo	34.10	0.00
TRINITY_sp|Q2W7(efp	Elongation factor P	34.10	0.00
TRINITY_sp|Q9M2(FSDR1	(+)-neomenthol dehy	34.10	0.00
TRINITY_sp|Q921(Mfsd5	Molybdate-anion tra	34.10	0.00
TRINITY_sp|Q5HZ(FSlc25a2	(Mitochondrial basic	34.10	0.00
TRINITY_sp|P803(-	Crustacean calcium-	34.10	0.00
TRINITY_sp|O444(Es2	Protein DGCR14 homo	34.10	0.00
TRINITY_sp|Q643(Syn2	Synapsin-2 OS=Mus m	34.10	0.00
TRINITY_sp|P264(PARP1	Poly [ADP-ribose] p	34.10	0.00
TRINITY_sp|Q9UT(SPAPYUK	Uncharacterized pro	34.10	0.00
TRINITY_sp|O677(aspC	Aspartate aminotran	34.10	0.00
TRINITY_sp|Q86A(spkA-1	Stress-activated pr	34.10	0.00
TRINITY_sp|Q53H(KLHL26	Kelch-like protein	34.10	0.00
TRINITY_sp|O009(-	Lysosomal acid alph	34.10	0.00
TRINITY_sp|B6EU(PR40A	Pre-mRNA-processing	34.10	0.00
TRINITY_sp|Q8QH(xpo6	Exportin-6 OS=Danio	34.10	0.00
TRINITY_sp|P357(-	Venom allergen 5 OS	34.10	0.00
TRINITY_sp|B8FL(rlmE	Ribosomal RNA large	34.10	0.00
TRINITY_sp|Q80X(Bdh1	D-beta-hydroxybutyr	34.10	0.00
TRINITY_sp|P976(Txn2	Thioredoxin, mitoch	34.10	0.00
TRINITY_sp|A3BN(Os07g06	(RNA pseudouridine s	34.10	0.00
TRINITY_sp|Q145(SCN5A	Sodium channel prot	34.10	0.00
TRINITY_sp|Q4R8(STIP1	Stress-induced-phos	34.10	0.00
TRINITY_sp|Q050(CPR	NADPH--cytochrome P	34.10	0.00
TRINITY_sp|Q8C1(Mtrr	Methionine synthase	34.10	0.00
TRINITY_sp|P454(yraR	Uncharacterized pro	34.10	0.00
TRINITY_sp|D4GP(HVO_B00	(D-xylose 1-dehydrog	34.10	0.00
TRINITY_sp|Q145(ITPR3	Inositol 1,4,5-tris	34.10	0.00
TRINITY_sp|P293(RPS1	30S ribosomal prote	34.10	0.00
TRINITY_sp|Q55D(abcG22	ABC transporter G f	34.10	0.00
TRINITY_sp|Q55A(DDB_G02	(Probable serine/thr	34.10	0.00
TRINITY_sp|P352(Rab24	Ras-related protein	34.10	0.00
TRINITY_sp|F4JT(ISTY46	Serine/threonine-pr	34.10	0.00
TRINITY_sp|P0CS(PFA4	Palmitoyltransferas	34.10	0.00
TRINITY_sp|Q9ZG(pikAI	Narbonolide/10-deox	34.10	0.00
TRINITY_sp|Q9CX(Tbc1d15	TBC1 domain family	34.10	0.00
TRINITY_sp|Q54D(xpo7	Exportin-7 OS=Dicty	34.10	0.00
TRINITY_sp|Q54T(srel	Elongation of fatty	34.10	0.00
TRINITY_sp|Q3SW(ZUFSP	Zinc finger with UF	34.10	0.00
TRINITY_sp|Q993(TY3B-G	Transposon Ty3-G Ga	34.10	0.00
TRINITY_sp|Q626(Frk	Tyrosine-protein ki	34.10	0.00
TRINITY_sp|Q55F(cych	Putative cyclin-H O	34.10	0.00
TRINITY_sp|C5DX(MAIM41	Altered inheritance	34.10	0.00
TRINITY_sp|P157(NCL	Nucleolin OS=Gallus	34.10	0.00
TRINITY_sp|Q8W4(VHA-a3	V-type proton ATPas	34.10	0.00
TRINITY_sp|Q7XZ(SAC9	Probable phosphoino	34.10	0.00

TRINITY_sp|F4JY3RUK	Serine/threonine-pr	34.10	0.00
TRINITY_sp|Q8HX3ABCC1	Multidrug resistanc	34.10	0.00
TRINITY_sp|Q9CQFRwdd1	RWD domain-containi	34.10	0.00
TRINITY_sp|Q95ZVddr-2	Discoidin domain-co	34.10	0.00
TRINITY_sp|Q6NN1SAP1	Zinc finger A20 and	34.00	0.00
TRINITY_sp|Q54RfdhkL	Hybrid signal trans	34.00	0.00
TRINITY_sp|Q71N5LCAT4	Lecithin-cholester	34.00	0.00
TRINITY_sp|Q8MS1Sym	Symplekin OS=Drosop	34.00	0.00
TRINITY_sp|P0033adh1	Alcohol dehydrogena	34.00	0.00
TRINITY_sp|Q7Z47DHX29	ATP-dependent RNA h	34.00	0.00
TRINITY_sp|P3132PKAR	cAMP-dependent prot	34.00	0.00
TRINITY_sp|B9DH1ARIA	ARM REPEAT PROTEIN	34.00	0.00
TRINITY_sp|Q8111Atpaf1	ATP synthase mitoch	34.00	0.00
TRINITY_sp|Q3904bVPE	Vacuolar-processing	34.00	0.00
TRINITY_sp|Q93VIELF5A-2	Eukaryotic translat	34.00	0.00
TRINITY_sp|Q99PVKif17	Kinesin-like protei	34.00	0.00
TRINITY_sp|P8056SGR_5806	Aminopeptidase S OS	34.00	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	34.00	0.00
TRINITY_sp|Q17RILONRF1	LON peptidase N-ter	34.00	0.00
TRINITY_sp|Q8LDVENDO3	Endonuclease 3 OS=A	34.00	0.00
TRINITY_sp|Q08DESTX5	Syntaxin-5 OS=Bos t	34.00	0.00
TRINITY_sp|Q54NIabcC9	ABC transporter C f	34.00	0.00
TRINITY_sp|Q8C14Dock8	Dedicator of cytoki	34.00	0.00
TRINITY_sp|Q1491SHPRH	E3 ubiquitin-protei	34.00	0.00
TRINITY_sp|Q55C1rsc5	Random slug protein	34.00	0.00
TRINITY_sp|Q121(RTK1	Probable serine/thr	34.00	0.00
TRINITY_sp|Q9BZVUBXN6	UBX domain-containi	34.00	0.00
TRINITY_sp|Q9FG7EMB2731	ER membrane protein	34.00	0.00
TRINITY_sp|A7MB1MAP3K13	Mitogen-activated p	34.00	0.00
TRINITY_sp|Q9GTVGK1	Glucokinase 1 OS=Tr	34.00	0.00
TRINITY_sp|Q94A5UBC35	Ubiquitin-conjugati	34.00	0.00
TRINITY_sp|P1697YPTM1	GTP-binding protein	34.00	0.00
TRINITY_sp|Q9I31PA1538	Baeyer-Villiger mon	34.00	0.00
TRINITY_sp|Q1ZXIDDB_G027	PH domain-containin	34.00	0.00
TRINITY_sp|Q4PC(HOG1	Mitogen-activated p	34.00	0.00
TRINITY_sp|Q7M75Abhd17b	Protein ABHD17B OS=	34.00	0.00
TRINITY_sp|Q9Z0MLipa	Lysosomal acid lipa	34.00	0.00
TRINITY_sp|P366(rad8	DNA repair protein	34.00	0.00
TRINITY_sp|Q8ZG1rsuA	Ribosomal small sub	34.00	0.00
TRINITY_sp|Q8SS3gefR	Ras guanine nucleot	34.00	0.00
TRINITY_sp|Q5XF6Atp13a3	Probable cation-tra	34.00	0.00
TRINITY_sp|Q0235UTP6	U3 small nucleolar	34.00	0.00
TRINITY_sp|O8275DTX49	Protein DETOXIFICAT	34.00	0.00
TRINITY_sp|O6057EIF4E2	Eukaryotic translat	34.00	0.00
TRINITY_sp|P5416ypgQ	Uncharacterized pro	34.00	0.00
TRINITY_sp|Q84JU1BR5	Protein-tyrosine-ph	34.00	0.00
TRINITY_sp|Q9SFUPAP15	Purple acid phospho	34.00	0.00
TRINITY_sp|B4JB4Trip1	Eukaryotic translat	34.00	0.00
TRINITY_sp|Q8ILCPF14_032	STI1-like protein O	34.00	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	34.00	0.00
TRINITY_sp|Q9VG1ClC-a	Chloride channel pr	34.00	0.00
TRINITY_sp|P9303FUM1	Fumarate hydratase	34.00	0.00
TRINITY_sp|Q0256PK2	Probable serine/thr	34.00	0.00
TRINITY_sp|Q6N11clpB	Chaperone protein C	34.00	0.00
TRINITY_sp|P2635TBP1	TATA-box-binding pr	34.00	0.00
TRINITY_sp|Q54HIcsn2	COP9 signalosome co	34.00	0.00

TRINITY_sp|P4232|CNB1	Calcineurin subunit	34.00	0.00
TRINITY_sp|P3071|GSTT1	Glutathione S-trans	34.00	0.00
TRINITY_sp|Q8YX|trpS	Tryptophan--tRNA li	34.00	0.00
TRINITY_sp|Q2812|dtwd1	DTW domain-containi	34.00	0.00
TRINITY_sp|Q7XJ5|At3g0627	Probable protein ph	34.00	0.00
TRINITY_sp|Q8BG|Htatsf1	HIV Tat-specific fa	34.00	0.00
TRINITY_sp|Q9DC|Pbld1	Phenazine biosynthe	34.00	0.00
TRINITY_sp|Q7LF|CHST15	Carbohydrate sulfot	34.00	0.00
TRINITY_sp|O4344|KCNAB3	Voltage-gated potas	34.00	0.00
TRINITY_sp|Q54B7|DDB_G025	Ankyrin repeat, bro	34.00	0.00
TRINITY_sp|Q0252|Mgat3	Beta-1,4-mannosyl-g	34.00	0.00
TRINITY_sp|Q4UK|HspC2	Small heat shock pr	34.00	0.00
TRINITY_sp|Q08B1|pm20d1	N-fatty-acyl-amino	34.00	0.00
TRINITY_sp|Q7KZ|ISND1	Staphylococcal nucl	34.00	0.00
TRINITY_sp|Q1457|ITPR2	Inositol 1,4,5-tris	34.00	0.00
TRINITY_sp|Q5577|sl10182	Uncharacterized ABC	34.00	0.00
TRINITY_sp|P8138|-	L-amino-acid oxidas	34.00	0.00
TRINITY_sp|Q54Y|dhkB	Hybrid signal trans	34.00	0.00
TRINITY_sp|P0432|pol	Retrovirus-related	34.00	0.00
TRINITY_sp|Q6312|Abcc2	Canalicular multisp	34.00	0.00
TRINITY_sp|Q9SH|CAL57	Callose synthase 7	34.00	0.00
TRINITY_sp|Q3SZ|HTLL9	Probable tubulin po	34.00	0.00
TRINITY_sp|Q2203|rho-1	Ras-like GTP-bindin	33.90	0.00
TRINITY_sp|Q074|ht1	Fibroblast growth f	33.90	0.00
TRINITY_sp|Q7PC|ANR	Anthocyanidin reduc	33.90	0.00
TRINITY_sp|Q0917|cds1	Serine/threonine-pr	33.90	0.00
TRINITY_sp|P5836|arcB	Aerobic respiration	33.90	0.00
TRINITY_sp|P2373|Si	Sucrase-isomaltase,	33.90	0.00
TRINITY_sp|P3695|RpIII5	DNA-directed RNA po	33.90	0.00
TRINITY_sp|A9LL|RRP6L3	Protein RRP6-like 3	33.90	0.00
TRINITY_sp|Q4WV|caf17	Putative transferas	33.90	0.00
TRINITY_sp|P4882|cht60	Beta-hexosaminidase	33.90	0.00
TRINITY_sp|Q9Y71|SPBC2A9	Phosducin-like prot	33.90	0.00
TRINITY_sp|B0F9|IGC6	Golgin candidate 6	33.90	0.00
TRINITY_sp|Q54B|mcfg	Mitochondrial subst	33.90	0.00
TRINITY_sp|Q6Q88|sirJ	Dipeptidase sirJ OS	33.90	0.00
TRINITY_sp|Q55D|nosip	Nitric oxide syntha	33.90	0.00
TRINITY_sp|Q2M5|ERGS21	Regulator of G-prot	33.90	0.00
TRINITY_sp|Q5E96|DUSP11	RNA/RNP complex-1-i	33.90	0.00
TRINITY_sp|A4FV5|METTL21F	Protein-lysine meth	33.90	0.00
TRINITY_sp|Q5VS1|ABHD17B	Protein ABHD17B OS=	33.90	0.00
TRINITY_sp|Q9S71|KIN7N	Kinesin-like protei	33.90	0.00
TRINITY_sp|Q52L4|serpinb1	Leukocyte elastase	33.90	0.00
TRINITY_sp|P7276|slr0245	Uncharacterized pro	33.90	0.00
TRINITY_sp|P8723|mdj1	DnaJ homolog 1, mit	33.90	0.00
TRINITY_sp|Q5F31|UTP15	U3 small nucleolar	33.90	0.00
TRINITY_sp|Q4P6|COF1	Cofilin OS=Ustilago	33.90	0.00
TRINITY_sp|Q5XT5|PNPLA8	Calcium-independent	33.90	0.00
TRINITY_sp|Q6FN5|STE20	Serine/threonine-pr	33.90	0.00
TRINITY_sp|Q8QZ|Tat	Tyrosine aminotrans	33.90	0.00
TRINITY_sp|Q67U2|Os02g014	Probable protein ph	33.90	0.00
TRINITY_sp|P6048|PTEN	Phosphatidylinosito	33.90	0.00
TRINITY_sp|Q8LF7|At1g1934	Methyltransferase-1	33.90	0.00
TRINITY_sp|P4268|FRK	Tyrosine-protein ki	33.90	0.00
TRINITY_sp|Q54F|gacJJ	Rho GTPase-activati	33.90	0.00
TRINITY_sp|Q9C58|MKP1	Protein-tyrosine-ph	33.90	0.00

TRINITY_sp|P0C8MCCR1	Probable serine/thr	33.90	0.00
TRINITY_sp|O806PAT02	Probable protein S-	33.90	0.00
TRINITY_sp|P4364-	DnaJ protein homolo	33.90	0.00
TRINITY_sp|Q6L7kanJ	Kanamycin B dioxyge	33.90	0.00
TRINITY_sp|Q1KKmfsd5	Molybdate-anion tra	33.90	0.00
TRINITY_sp|A1C8umanF	Mannan endo-1,4-bet	33.90	0.00
TRINITY_sp|Q6NVrhot1a	Mitochondrial Rho G	33.90	0.00
TRINITY_sp|Q8WNIKKBKAP	Elongator complex p	33.90	0.00
TRINITY_sp|Q755CIPL1	Spindle assembly ch	33.90	0.00
TRINITY_sp|Q54TgefP	Ras guanine nucleot	33.90	0.00
TRINITY_sp|Q566Them4	Acyl-coenzyme A thi	33.90	0.00
TRINITY_sp|P8271PPD5	PsbP domain-contain	33.90	0.00
TRINITY_sp|Q3SX4LUC7L3	Luc7-like protein 3	33.90	0.00
TRINITY_sp|A8JAI CFAP43	Cilia- and flagella	33.90	0.00
TRINITY_sp|Q5ZM FAR1	Fatty acyl-CoA redu	33.90	0.00
TRINITY_sp|Q54L DDB_G02	Protein KRTCAP2 hom	33.90	0.00
TRINITY_sp|E0X9At3g635	Zinc finger CCCH do	33.90	0.00
TRINITY_sp|F4IA1LPXC1	Probable UDP-3-O-ac	33.90	0.00
TRINITY_sp|Q9ES Nploc4	Nuclear protein loc	33.90	0.00
TRINITY_sp|Q1KPFZL	Probable transmembr	33.90	0.00
TRINITY_sp|Q5T2IOTUD3	OTU domain-containi	33.90	0.00
TRINITY_sp|Q9M2FSDR1	(+)-neomenthol dehy	33.90	0.00
TRINITY_sp|D2SW COPB1	Coatomer subunit be	33.90	0.00
TRINITY_sp|A9F8 infc	Translation initiat	33.90	0.00
TRINITY_sp|Q6DG mpv1712	Mpv17-like protein	33.90	0.00
TRINITY_sp|Q9M0 LAF1	Transcription facto	33.90	0.00
TRINITY_sp|Q8MYH DDB_G02	Probable serine/thr	33.90	0.00
TRINITY_sp|O6034TBC1D12	TBC1 domain family	33.90	0.00
TRINITY_sp|Q5RF ZNHIT6	Box C/D snoRNA prot	33.90	0.00
TRINITY_sp|H2QL PDE9A	High affinity cGMP-	33.90	0.00
TRINITY_sp|P428 ATPK1	Serine/threonine-pr	33.90	0.00
TRINITY_sp|Q9FL1DEGP9	Protease Do-like 9	33.90	0.00
TRINITY_sp|O137 ercc3	Probable DNA repair	33.90	0.00
TRINITY_sp|O430 syj1	Inositol-1,4,5-tris	33.80	0.00
TRINITY_sp|Q9C5VGRF12	14-3-3-like protein	33.80	0.00
TRINITY_sp|Q8VI4Abcc2	Canalicular multisp	33.80	0.00
TRINITY_sp|P618-	Lipase OS=Rhizopus	33.80	0.00
TRINITY_sp|Q6MC pepA	Probable cytosol am	33.80	0.00
TRINITY_sp|O941 SNF1	Carbon catabolite-d	33.80	0.00
TRINITY_sp|O598 SPCC965	Probable cytosine d	33.80	0.00
TRINITY_sp|Q9H11NAPB	Beta-soluble NSF at	33.80	0.00
TRINITY_sp|Q9P3 ptr2	Probable peptide tr	33.80	0.00
TRINITY_sp|A7SG upsmg2	Proteasome assembly	33.80	0.00
TRINITY_sp|D9N1-	Inward rectifier po	33.80	0.00
TRINITY_sp|P707(Atp7a	Copper-transporting	33.80	0.00
TRINITY_sp|Q9W01Cyp4d20	Probable cytochrome	33.80	0.00
TRINITY_sp|Q9UU SPCC23B	CRAL-TRIO domain-co	33.80	0.00
TRINITY_sp|Q6NXI dennd5b	DENN domain-contain	33.80	0.00
TRINITY_sp|Q9UR(Tf2-11	Transposon Tf2-11 p	33.80	0.00
TRINITY_sp|Q146 TTLL4	Tubulin polyglutamy	33.80	0.00
TRINITY_sp|P385 HSF1	Heat shock factor p	33.80	0.00
TRINITY_sp|Q9SB(At4g247	Manganese-dependent	33.80	0.00
TRINITY_sp|Q9UT SPAC8F11	Putative ribosome b	33.80	0.00
TRINITY_sp|Q9Y2 PLAA	Phospholipase A-2-a	33.80	0.00
TRINITY_sp|Q2IMiproB	Glutamate 5-kinase	33.80	0.00
TRINITY_sp|Q9FHD TX16	Protein DETOXIFICAT	33.80	0.00

TRINITY_sp|Q9D57Ubxn11	UBX domain-containi	33.80	0.00
TRINITY_sp|Q9203ACHE	Acetylcholinesteras	33.80	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	33.80	0.00
TRINITY_sp|Q0IWNNDX1	Protein NEOXANTHIN-	33.80	0.00
TRINITY_sp|Q6H7UCIPK26	CBL-interacting pro	33.80	0.00
TRINITY_sp|Q55Bfdgat1	Diacylglycerol O-ac	33.80	0.00
TRINITY_sp|Q9STVCIPK8	CBL-interacting ser	33.80	0.00
TRINITY_sp|P2126GSTM3	Glutathione S-trans	33.80	0.00
TRINITY_sp|P4457arcB	Aerobic respiration	33.80	0.00
TRINITY_sp|O8093At2g3766	Uncharacterized pro	33.80	0.00
TRINITY_sp|P1816splB	Dual specificity pr	33.80	0.00
TRINITY_sp|A6QN3NXT2	NTF2-related export	33.80	0.00
TRINITY_sp|B2HC\MMAR_106	Putative S-adenosyl	33.80	0.00
TRINITY_sp|Q9CR9Ccdc96	Coiled-coil domain-	33.80	0.00
TRINITY_sp|Q3SXCPUS3	tRNA pseudouridine(	33.80	0.00
TRINITY_sp|P4316CA7	Carbonic anhydrase	33.80	0.00
TRINITY_sp|Q2I66inpp11b	Phosphatidylinosito	33.80	0.00
TRINITY_sp|Q0554CHI17	Acidic 27 kDa endoc	33.80	0.00
TRINITY_sp|Q1245OSH2	Oxysterol-binding p	33.80	0.00
TRINITY_sp|Q3A6Madk	Adenylate kinase OS	33.80	0.00
TRINITY_sp|Q4209ABCC2	ABC transporter C f	33.80	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	33.80	0.00
TRINITY_sp|Q0WT1IP5P8	Type I inositol pol	33.80	0.00
TRINITY_sp|Q3943RAB1BV	Ras-related protein	33.70	0.00
TRINITY_sp|Q7566TOM1	Probable E3 ubiquit	33.70	0.00
TRINITY_sp|B4KY3SAK	Serine/threonine-pr	33.70	0.00
TRINITY_sp|P9125gst-6	Probable glutathion	33.70	0.00
TRINITY_sp|Q8H27Os07g064	Probable protein ph	33.70	0.00
TRINITY_sp|Q6H66HSFA3	Heat stress transcr	33.70	0.00
TRINITY_sp|Q9VC3lili	Protein Lilipod OS=	33.70	0.00
TRINITY_sp|Q9Y22RNF24	RING finger protein	33.70	0.00
TRINITY_sp|Q1223PKH2	Serine/threonine-pr	33.70	0.00
TRINITY_sp|Q93Y5ppa1	Soluble inorganic p	33.70	0.00
TRINITY_sp|A1A4IALKBH8	Alkylated DNA repai	33.70	0.00
TRINITY_sp|P0593cam1	Calmodulin OS=Schiz	33.70	0.00
TRINITY_sp|Q54TFgacY	Rho GTPase-activati	33.70	0.00
TRINITY_sp|Q5RE3SIK2	Serine/threonine-pr	33.70	0.00
TRINITY_sp|Q54H4drkA	Probable serine/thr	33.70	0.00
TRINITY_sp|Q9LK3UKL2	Uridine kinase-like	33.70	0.00
TRINITY_sp|Q0V8EASNSD1	Asparagine syntheta	33.70	0.00
TRINITY_sp|Q9P89tcsA	Two-component syste	33.70	0.00
TRINITY_sp|O2897AF_1297	Cell division cycle	33.70	0.00
TRINITY_sp|Q8H12At2g3446	Uncharacterized pro	33.70	0.00
TRINITY_sp|P1755chrA1	Chromate transport	33.70	0.00
TRINITY_sp|Q8BW1Nob1	RNA-binding protein	33.70	0.00
TRINITY_sp|P5416ypgQ	Uncharacterized pro	33.70	0.00
TRINITY_sp|Q2NL6TSR1	Pre-rRNA-processing	33.70	0.00
TRINITY_sp|Q8TD\HELQ	Helicase POLQ-like	33.70	0.00
TRINITY_sp|Q9U51-	L-asparaginase OS=D	33.70	0.00
TRINITY_sp|B2RT1MYO9A	Unconventional myos	33.70	0.00
TRINITY_sp|Q9NV1FANCI	Fanconi anemia grou	33.70	0.00
TRINITY_sp|P9819ATP8B2	Phospholipid-transp	33.70	0.00
TRINITY_sp|Q9MA5ACBP4	Acyl-CoA-binding do	33.70	0.00
TRINITY_sp|C5DD6AIM32	Altered inheritance	33.70	0.00
TRINITY_sp|Q9P71SPCC24B1	Uncharacterized oxi	33.70	0.00
TRINITY_sp|Q8Y36lmo2759	Macro domain-contai	33.70	0.00

TRINITY_sp|O7456SPCC970	Uncharacterized ino	33.70	0.00
TRINITY_sp|Q86HCDDDB_G02	Probable serine/thr	33.70	0.00
TRINITY_sp|Q8CDMLrrc9	Leucine-rich repeat	33.70	0.00
TRINITY_sp|Q9SD(At3g514	Probable protein ph	33.70	0.00
TRINITY_sp|Q0455CYP6B1	Cytochrome P450 6B1	33.70	0.00
TRINITY_sp|B4KBslx1	Structure-specific	33.70	0.00
TRINITY_sp|Q9ZU3ABCG7	ABC transporter G f	33.70	0.00
TRINITY_sp|Q9FX9FUT12	Putative fucosyltra	33.70	0.00
TRINITY_sp|Q8IVLLOXHD1	Lipoxygenase homolo	33.70	0.00
TRINITY_sp|A9A3IrlmN	Ribosomal RNA large	33.70	0.00
TRINITY_sp|P1073PAM	Peptidyl-glycine al	33.70	0.00
TRINITY_sp|P1275RSP3	Flagellar radial sp	33.70	0.00
TRINITY_sp|Q9699TRIM63	E3 ubiquitin-protei	33.70	0.00
TRINITY_sp|Q2KN7SPECCL	Cytospin-A OS=Canis	33.70	0.00
TRINITY_sp|O7566TIPRL	TIP41-like protein	33.70	0.00
TRINITY_sp|Q9FI1At5g4353	Putative SWI/SNF-re	33.70	0.00
TRINITY_sp|Q6AX8dcaf12-k	DDB1- and CUL4-asso	33.70	0.00
TRINITY_sp|O042CPXN	Peroxisomal nicotin	33.70	0.00
TRINITY_sp|Q9H4HDEF6	Differentially expr	33.70	0.00
TRINITY_sp|Q9C83TRO	Protein TRAUCO OS=A	33.70	0.00
TRINITY_sp|Q5XH1hunk-a	Hormonally up-regul	33.70	0.00
TRINITY_sp|Q0023me10	Tyrosinase OS=Asper	33.70	0.00
TRINITY_sp|A5PJMAIFM2	Apoptosis-inducing	33.70	0.00
TRINITY_sp|Q7XJ8FRK2	Fructokinase-2 OS=S	33.70	0.00
TRINITY_sp|G5EDIceeh-2	Epoxide hydrolase 2	33.70	0.00
TRINITY_sp|Q5UQ8MIMI_R52	Probable ubiquitin-	33.70	0.00
TRINITY_sp|Q54JFabcc3	ABC transporter C f	33.70	0.00
TRINITY_sp|Q86L9gachH	Rho GTPase-activati	33.70	0.00
TRINITY_sp|Q6X47CIPK31	CBL-interacting pro	33.70	0.00
TRINITY_sp|Q5SN7Os01g065	Probable protein ph	33.70	0.00
TRINITY_sp|Q8LPMAt3g1995	E3 ubiquitin-protei	33.70	0.00
TRINITY_sp|O6707ftsH	ATP-dependent zinc	33.70	0.00
TRINITY_sp|Q6AX9Iqca11	IQ and AAA domain-c	33.70	0.00
TRINITY_sp|Q0844YOR059C	Putative lipase YOR	33.70	0.00
TRINITY_sp|Q9FM1HIR1	Hypersensitive-indu	33.70	0.00
TRINITY_sp|Q9DD(Rab13	Ras-related protein	33.70	0.00
TRINITY_sp|Q96NMAIFM3	Apoptosis-inducing	33.70	0.00
TRINITY_sp|Q54M2cdc20	Anaphase-promoting	33.70	0.00
TRINITY_sp|Q9VJ7Pde11	Dual 3',5'-cyclic-A	33.70	0.00
TRINITY_sp|Q8RWICLT3	Protein CLT3, chlor	33.70	0.00
TRINITY_sp|Q54TIddx24	ATP-dependent RNA h	33.70	0.00
TRINITY_sp|Q05B6TRMT11	tRNA (guanine(10)-N	33.70	0.00
TRINITY_sp|O758(CAPN15	Calpain-15 OS=Homo	33.70	0.00
TRINITY_sp|Q755C IPL1	Spindle assembly ch	33.70	0.00
TRINITY_sp|Q96FCELMOD3	ELMO domain-contain	33.70	0.00
TRINITY_sp|D7UQaur	Aurora kinase OS=Pa	33.70	0.00
TRINITY_sp|O1869pde-1	Probable 3',5'-cycl	33.70	0.00
TRINITY_sp|Q3E68CpNIFS3	Probable L-cysteine	33.70	0.00
TRINITY_sp|Q80Y8Elac2	Zinc phosphodiester	33.70	0.00
TRINITY_sp|Q1009seh1	Nucleoporin seh1 OS	33.60	0.00
TRINITY_sp|Q6INFtollip-k	Toll-interacting pr	33.60	0.00
TRINITY_sp|P2532mlkA	Myosin light chain	33.60	0.00
TRINITY_sp|Q9DAN-	Uncharacterized pro	33.60	0.00
TRINITY_sp|Q5ZMFSEPT2	Septin-2 OS=Gallus	33.60	0.00
TRINITY_sp|P4703PRY1	Protein PRY1 OS=Sac	33.60	0.00
TRINITY_sp|Q2LVImsbA	Lipid A export ATP-	33.60	0.00

TRINITY_sp|Q3ZCCTPPP3	Tubulin polymerizat	33.60	0.00
TRINITY_sp|F4I0IVPS35B	Vacuolar protein so	33.60	0.00
TRINITY_sp|Q041(-	Pathogenesis-relate	33.60	0.00
TRINITY_sp|Q9C5(CIPK10	CBL-interacting ser	33.60	0.00
TRINITY_sp|Q86W(PARG	Poly(ADP-ribose) gl	33.60	0.00
TRINITY_sp|Q9GK(FAXDC2	Fatty acid hydroxyl	33.60	0.00
TRINITY_sp|B5BS(CYP88D6	Beta-amyrin 11-oxid	33.60	0.00
TRINITY_sp|Q9LZ(ABCC14	ABC transporter C f	33.60	0.00
TRINITY_sp|Q031(gt2f2	General transcripti	33.60	0.00
TRINITY_sp|Q2M3(CCDC96	Coiled-coil domain-	33.60	0.00
TRINITY_sp|Q9DB(Cyp4v2	Cytochrome P450 4V2	33.60	0.00
TRINITY_sp|Q9WV(Pole	DNA polymerase epsi	33.60	0.00
TRINITY_sp|Q92E(Flin0452	Uncharacterized oxi	33.60	0.00
TRINITY_sp|Q9C8(At3g065(	Uncharacterized pro	33.60	0.00
TRINITY_sp|Q9VH(Invadol)	Leishmanolysin-like	33.60	0.00
TRINITY_sp|Q54Y(dhkB	Hybrid signal trans	33.60	0.00
TRINITY_sp|O945(SPCC144(	Ubiquitin and WLM d	33.60	0.00
TRINITY_sp|C9WM(-	Venom serine carbox	33.60	0.00
TRINITY_sp|Q9UI(RABAC1	Prenylated Rab acce	33.60	0.00
TRINITY_sp|C5D2(IdeoD	Purine nucleoside p	33.60	0.00
TRINITY_sp|Q231(W02B12.(	Mitoferrin OS=Caeno	33.60	0.00
TRINITY_sp|Q8QZ(Tat	Tyrosine aminotrans	33.60	0.00
TRINITY_sp|P227(Gucylb2	Guanylate cyclase s	33.60	0.00
TRINITY_sp|Q644(Atp7b	Copper-transporting	33.60	0.00
TRINITY_sp|Q54Y(ngap	Probable Ras GTPase	33.60	0.00
TRINITY_sp|Q869(FDDB_G02(	CTL-like protein DD	33.60	0.00
TRINITY_sp|Q6CJ(RSM10	37S ribosomal prote	33.60	0.00
TRINITY_sp|Q54Q(alg6	Probable dolichyl p	33.60	0.00
TRINITY_sp|A6QL(TRAPPC11	Trafficking protein	33.60	0.00
TRINITY_sp|P376(yhiN	Uncharacterized pro	33.60	0.00
TRINITY_sp|O139(crnl	Coronin-like protei	33.60	0.00
TRINITY_sp|Q9M1(At3g544(	F-box protein At3g5	33.60	0.00
TRINITY_sp|P217(UBC1	Ubiquitin-conjugati	33.60	0.00
TRINITY_sp|Q9H4(RWDD1	RWD domain-containi	33.60	0.00
TRINITY_sp|Q019(ACS5	1-aminocyclopropane	33.60	0.00
TRINITY_sp|Q7XR(Os04g06(	Probable protein ph	33.60	0.00
TRINITY_sp|O432(RODH	Proline dehydrogena	33.60	0.00
TRINITY_sp|Q339(Os10g03(	Probable protein ph	33.60	0.00
TRINITY_sp|Q8IC(CPK2	Calcium-dependent p	33.60	0.00
TRINITY_sp|Q8G8(btrR	L-glutamine:2-deoxy	33.60	0.00
TRINITY_sp|Q8BX(Acp7	Acid phosphatase ty	33.60	0.00
TRINITY_sp|P399(SLN1	Osmosensing histidi	33.60	0.00
TRINITY_sp|Q030(GSTM4	Glutathione S-trans	33.60	0.00
TRINITY_sp|Q8TD(DNAH3	Dynein heavy chain	33.60	0.00
TRINITY_sp|Q3UD(Tt1112	Tubulin--tyrosine 1	33.60	0.00
TRINITY_sp|Q044(Vars	Valine--tRNA ligase	33.60	0.00
TRINITY_sp|Q6P4(fam175b	BRISC complex subun	33.60	0.00
TRINITY_sp|Q5BL(mett121(	Protein N-lysine me	33.60	0.00
TRINITY_sp|B4I1(GM12339	Bifunctional lysine	33.60	0.00
TRINITY_sp|Q54U(dhKA	Hybrid signal trans	33.60	0.00
TRINITY_sp|Q010(Pde1b	Calcium/calmodulin-	33.60	0.00
TRINITY_sp|Q0J9(Os04g06(	Probable carboxyles	33.60	0.00
TRINITY_sp|P138(RSR1	Ras-related protein	33.50	0.00
TRINITY_sp|Q55B(plbB	Phospholipase B-lik	33.50	0.00
TRINITY_sp|P046(Lipf	Gastric triacylglyc	33.50	0.00
TRINITY_sp|O358(Stip1	Stress-induced-phos	33.50	0.00

TRINITY_sp|Q8H12At2g3446	Uncharacterized pro	33.50	0.00
TRINITY_sp|Q5TJ5ford	Formin-D OS=Dictyos	33.50	0.00
TRINITY_sp|Q8L7FLPEAT1	Lysophospholipid ac	33.50	0.00
TRINITY_sp|Q6FR7TIM50	Mitochondrial impor	33.50	0.00
TRINITY_sp|P2803AOAH	Acyloxyacyl hydrola	33.50	0.00
TRINITY_sp|B6E14HP	Haptoglobin OS=Capr	33.50	0.00
TRINITY_sp|Q10L6CIPK10	CBL-interacting pro	33.50	0.00
TRINITY_sp|Q6IN9emc2-a	ER membrane protein	33.50	0.00
TRINITY_sp|Q9D97Efhc1	EF-hand domain-cont	33.50	0.00
TRINITY_sp|A9BG6glgA	Glycogen synthase O	33.50	0.00
TRINITY_sp|Q7TXFMb2976	Phthiotriol/phenolp	33.50	0.00
TRINITY_sp|P3515dacB	D-alanyl-D-alanine	33.50	0.00
TRINITY_sp|Q0373YML018C	Uncharacterized vac	33.50	0.00
TRINITY_sp|O4418F33D4.4	Putative sphingolip	33.50	0.00
TRINITY_sp|Q7MD1luxQ	Autoinducer 2 senso	33.50	0.00
TRINITY_sp|P5485TGL2	Lipase 2 OS=Sacchar	33.50	0.00
TRINITY_sp|Q9FW6GAMMACA1	Gamma carbonic anhy	33.50	0.00
TRINITY_sp|Q9VS6Srp68	Signal recognition	33.50	0.00
TRINITY_sp|Q9C77ATE2	Arginyl-tRNA--prote	33.50	0.00
TRINITY_sp|Q9P3Udbl4	E3 ubiquitin-protei	33.50	0.00
TRINITY_sp|Q9LFE DOT2	SART-1 family prote	33.50	0.00
TRINITY_sp|A7RX3thoc7	THO complex subunit	33.50	0.00
TRINITY_sp|B0G12pip5k3	1-phosphatidylinosi	33.50	0.00
TRINITY_sp|A4TECMflv_502	Putative S-adenosyl	33.50	0.00
TRINITY_sp|Q96G2CERS2	Ceramide synthase 2	33.50	0.00
TRINITY_sp|Q6CR6mgel	GrpE protein homolo	33.50	0.00
TRINITY_sp|P3352ABCC1	Multidrug resistanc	33.50	0.00
TRINITY_sp|Q9FZ4ACR11	ACT domain-containi	33.50	0.00
TRINITY_sp|Q1L52LONRF2	LON peptidase N-ter	33.50	0.00
TRINITY_sp|Q4G01HYDIN	Hydrocephalus-induc	33.50	0.00
TRINITY_sp|Q9V66Taz	Tafazzin homolog OS	33.50	0.00
TRINITY_sp|O2255STY8	Serine/threonine-pr	33.50	0.00
TRINITY_sp|O1377SPAC17A2	Putative metal ion	33.50	0.00
TRINITY_sp|Q9FV1At1g5772	Probable elongation	33.50	0.00
TRINITY_sp|Q7TQ6Poln	DNA polymerase nu O	33.50	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	33.50	0.00
TRINITY_sp|Q9LX1PAP21	Purple acid phospho	33.50	0.00
TRINITY_sp|Q8VX2XEG113	Arabinosyltransfera	33.50	0.00
TRINITY_sp|Q9LL8LIG4	DNA ligase 4 OS=Ara	33.50	0.00
TRINITY_sp|P2183cryS	Crystal protein OS=	33.50	0.00
TRINITY_sp|Q9FM6At5g1405	U3 small nucleolar	33.50	0.00
TRINITY_sp|O1419SPAC56E4	Aromatic amino acid	33.50	0.00
TRINITY_sp|O7388HPGDS	Hematopoietic prost	33.50	0.00
TRINITY_sp|Q08DIPDE12	2',5'-phosphodieste	33.50	0.00
TRINITY_sp|Q7TP6Shprh	E3 ubiquitin-protei	33.50	0.00
TRINITY_sp|Q0597-	Sodium channel prot	33.50	0.00
TRINITY_sp|Q0454cbxXP	Protein CbxX, plasm	33.50	0.00
TRINITY_sp|Q9S91CCR1	Cinnamoyl-CoA reduc	33.40	0.00
TRINITY_sp|Q54WVDDB_G027	Probable serine/thr	33.40	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	33.40	0.00
TRINITY_sp|Q2TBE CWF19L2	CWF19-like protein	33.40	0.00
TRINITY_sp|Q55G6scyl	Probable inactive s	33.40	0.00
TRINITY_sp|Q9LQVRDR1	RNA-dependent RNA p	33.40	0.00
TRINITY_sp|Q9P89tcsA	Two-component syste	33.40	0.00
TRINITY_sp|P9WQIMT1137	3 beta-hydroxystero	33.40	0.00
TRINITY_sp|Q1ZXIDDB_G028	Sphingomyelinase DD	33.40	0.00

TRINITY_sp|Q96K|CNDP1	Beta-Ala-His dipept	33.40	0.00
TRINITY_sp|Q8TA|SMARCC2	SWI/SNF complex sub	33.40	0.00
TRINITY_sp|O137|osm1	Fumarate reductase	33.40	0.00
TRINITY_sp|F4IR|SAD2	Importin beta-like	33.40	0.00
TRINITY_sp|Q9S7|PNP2	Polyribonucleotide	33.40	0.00
TRINITY_sp|Q54P|osbI	Oxysterol-binding p	33.40	0.00
TRINITY_sp|Q8W4|AAE15	Long-chain-fatty-ac	33.40	0.00
TRINITY_sp|O840|tlcA	ADP,ATP carrier pro	33.40	0.00
TRINITY_sp|Q6Z6|Os02g021	Aminopeptidase M1-A	33.40	0.00
TRINITY_sp|Q54S|DDB_G02	Protein PIEZO homol	33.40	0.00
TRINITY_sp|O004|IPO5	Importin-5 OS=Homo	33.40	0.00
TRINITY_sp|P463|csbC	Probable metabolite	33.40	0.00
TRINITY_sp|A2XM|FARP7	Actin-related prote	33.40	0.00
TRINITY_sp|O158|clua	Clustered mitochond	33.40	0.00
TRINITY_sp|Q8WM|PLA2G15	Group XV phospholip	33.30	0.00
TRINITY_sp|Q8L9|ATL2	RING-H2 finger prot	33.30	0.00
TRINITY_sp|P378|CBP1	Serine carboxypepti	33.30	0.00
TRINITY_sp|P127|-	Actin, cytoplasmic	33.30	0.00
TRINITY_sp|Q8IB|CPK4	Calcium-dependent p	33.30	0.00
TRINITY_sp|Q54R|DDB_G02	Probable tyrosine-p	33.30	0.00
TRINITY_sp|Q074|-	Ribonuclease OS=Aer	33.30	0.00
TRINITY_sp|Q95Z|spc97	Spindle pole body c	33.30	0.00
TRINITY_sp|O154|ABCC5	Multidrug resistanc	33.30	0.00
TRINITY_sp|P399|GEA2	ARF guanine-nucleot	33.30	0.00
TRINITY_sp|Q869|etnKA	Probable ethanolami	33.30	0.00
TRINITY_sp|Q5A8|SLN1	Histidine protein k	33.30	0.00
TRINITY_sp|P187|est	Esterase OS=Acineto	33.30	0.00
TRINITY_sp|Q953|MANBA	Beta-mannosidase OS	33.30	0.00
TRINITY_sp|P093|strG	Streptomycin biosyn	33.30	0.00
TRINITY_sp|Q552|DDB_G02	Putative ZDHHC-type	33.30	0.00
TRINITY_sp|P116|NHP6B	Non-histone chromos	33.30	0.00
TRINITY_sp|Q54Y|hdhkB	Hybrid signal trans	33.30	0.00
TRINITY_sp|Q5JL|CIPK12	CBL-interacting pro	33.30	0.00
TRINITY_sp|Q54J|Fabcc3	ABC transporter C f	33.30	0.00
TRINITY_sp|Q89W|norM	Probable multidrug	33.30	0.00
TRINITY_sp|Q9M2|At3g6132	UPF0187 protein At3	33.30	0.00
TRINITY_sp|P201|-	Uncharacterized 37.	33.30	0.00
TRINITY_sp|Q87A|infC	Translation initiat	33.30	0.00
TRINITY_sp|Q045|Smpd1	Sphingomyelin phosp	33.30	0.00
TRINITY_sp|P212|CCA1	CCA tRNA nucleotidy	33.30	0.00
TRINITY_sp|Q54T|hgacY	Rho GTPase-activati	33.30	0.00
TRINITY_sp|Q8S8|PUB34	U-box domain-contai	33.30	0.00
TRINITY_sp|Q2KH|USP2	Ubiquitin carboxyl-	33.30	0.00
TRINITY_sp|Q383|	37 Long tail fiber pro	33.30	0.00
TRINITY_sp|O430|mot1	Probable helicase m	33.30	0.00
TRINITY_sp|Q6T4|CWC2	Pre-mRNA-splicing f	33.30	0.00
TRINITY_sp|P793|RGS20	Regulator of G-prot	33.30	0.00
TRINITY_sp|Q9W4|dnc	cAMP-specific 3',5'	33.30	0.00
TRINITY_sp|Q5M8|-	UPF0415 protein C7o	33.30	0.00
TRINITY_sp|Q637|Map3k12	Mitogen-activated p	33.30	0.00
TRINITY_sp|A6ZU|ATG1	Serine/threonine-pr	33.30	0.00
TRINITY_sp|Q146|ITPR1	Inositol 1,4,5-tris	33.30	0.00
TRINITY_sp|Q54P|osbI	Oxysterol-binding p	33.30	0.00
TRINITY_sp|Q9UR|nrf1	Vacuolar transporte	33.30	0.00
TRINITY_sp|Q6NX|Rcctb1	RCC1 and BTB domain	33.30	0.00
TRINITY_sp|Q95Y|pefA	Penta-EF hand domai	33.30	0.00

TRINITY_sp|Q6P63csn8	COP9 signalosome co	33.30	0.00
TRINITY_sp|P3172OV16	OV-16 antigen OS=On	33.30	0.00
TRINITY_sp|B0SD7atpA	ATP synthase subuni	33.30	0.00
TRINITY_sp|Q5RH1dt1	Denticleless protei	33.30	0.00
TRINITY_sp|Q9UR(Tf2-11	Transposon Tf2-11 p	33.30	0.00
TRINITY_sp|Q8L7(SYT5	Synaptotagmin-5 OS=	33.30	0.00
TRINITY_sp|Q9H2(VPS16	Vacuolar protein so	33.30	0.00
TRINITY_sp|Q93Z(NPF8.5	Protein NRT1/ PTR F	33.30	0.00
TRINITY_sp|Q08D(PDE12	2',5'-phosphodieste	33.30	0.00
TRINITY_sp|Q550(DDB_G027	Probable serine/thr	33.30	0.00
TRINITY_sp|Q8BL(Arhgap22	Rho GTPase-activati	33.30	0.00
TRINITY_sp|Q28X(Anp32a	Acidic leucine-rich	33.30	0.00
TRINITY_sp|Q6NR(dcaf8	DDB1- and CUL4-asso	33.30	0.00
TRINITY_sp|P623(CPK1	Calcium-dependent p	33.30	0.00
TRINITY_sp|Q9VJ(Nnp-1	Ribosomal RNA proce	33.30	0.00
TRINITY_sp|Q54F(igt2b	Transcription initi	33.30	0.00
TRINITY_sp|Q6NR(ppp6r3-k	Serine/threonine-pr	33.30	0.00
TRINITY_sp|Q6NQ(At4g2727	Probable NAD(P)H de	33.30	0.00
TRINITY_sp|Q5BJ(Ccdc93	Coiled-coil domain-	33.30	0.00
TRINITY_sp|Q17C(Papst2	Adenosine 3'-phosph	33.30	0.00
TRINITY_sp|Q6P4(Sik3	Serine/threonine-pr	33.30	0.00
TRINITY_sp|Q9SF(OST1A	Dolichyl-diphosphoo	33.30	0.00
TRINITY_sp|O139(hrq1	ATP-dependent helic	33.30	0.00
TRINITY_sp|Q8GU(PUB33	U-box domain-contai	33.30	0.00
TRINITY_sp|Q6AX(Utp3	Something about sil	33.30	0.00
TRINITY_sp|Q644(Ptprj	Receptor-type tyros	33.30	0.00
TRINITY_sp|P144(FGA	Fibrinogen alpha ch	33.30	0.00
TRINITY_sp|P641(nei1	Endonuclease 8 1 OS	33.30	0.00
TRINITY_sp|Q9NS(BRWD1	Bromodomain and WD	33.30	0.00
TRINITY_sp|O574(-	Voltage-dependent L	33.30	0.00
TRINITY_sp|Q7XJ(GAS8	Growth arrest-speci	33.30	0.00
TRINITY_sp|Q55A(DDB_G027	Probable serine/thr	33.30	0.00
TRINITY_sp|Q9Y5(HEBP2	Heme-binding protei	33.30	0.00
TRINITY_sp|Q54R(dhkL	Hybrid signal trans	33.30	0.00
TRINITY_sp|Q8BV(Trank1	TPR and ankyrin rep	33.30	0.00
TRINITY_sp|Q9H2(DHX36	ATP-dependent RNA h	33.30	0.00
TRINITY_sp|Q9R0(Amfr	E3 ubiquitin-protei	33.30	0.00
TRINITY_sp|P528(DGKQ	Diacylglycerol kina	33.30	0.00
TRINITY_sp|P527(VAV2	Guanine nucleotide	33.30	0.00
TRINITY_sp|Q4R4(IIFT22	Intraflagellar tran	33.30	0.00
TRINITY_sp|P9WN(MT2788	Uncharacterized pro	33.30	0.00
TRINITY_sp|C7YT(IRRP36	rRNA biogenesis pro	33.30	0.00
TRINITY_sp|Q5A5(NIK1	Histidine protein k	33.30	0.00
TRINITY_sp|Q7LH(TY3B-I	Transposon Ty3-I Ga	33.30	0.00
TRINITY_sp|Q6CB(SAR1	Small COPII coat GT	33.30	0.00
TRINITY_sp|P235(ACS1	1-aminocyclopropane	33.30	0.00
TRINITY_sp|Q54T(drkd	Probable serine/thr	33.30	0.00
TRINITY_sp|P333(PRIP8	Pre-mRNA-splicing f	33.30	0.00
TRINITY_sp|P041(Myb	Myb protein OS=Dros	33.30	0.00
TRINITY_sp|Q964(CYP4C21	Cytochrome P450 4c2	33.30	0.00
TRINITY_sp|Q54D(DDB_G029	Putative potassium	33.30	0.00
TRINITY_sp|Q55G(scyl	Probable inactive s	33.30	0.00
TRINITY_sp|Q0WT(ERDJ2A	DnaJ protein ERDJ2A	33.30	0.00
TRINITY_sp|Q80U(Sass6	Spindle assembly ab	33.30	0.00
TRINITY_sp|Q94B(At1g7181	Uncharacterized aar	33.30	0.00
TRINITY_sp|Q944(SNF4	Sucrose nonfermenti	33.30	0.00

TRINITY_sp|P146(cyr1	Adenylate cyclase O	33.30	0.00
TRINITY_sp|A9CJ(cphrA	Deoxyribodipyrimidi	33.30	0.00
TRINITY_sp|Q039(Elf2ak2	Interferon-induced,	33.30	0.00
TRINITY_sp|Q6Z1(ML2	Protein MEI2-like 2	33.30	0.00
TRINITY_sp|Q9ZUI(ETL1	Protein CHROMATIN R	33.30	0.00
TRINITY_sp|Q54M(fcnbB	Calcineurin subunit	33.30	0.00
TRINITY_sp|A1L1(Wdr55	WD repeat-containin	33.30	0.00
TRINITY_sp|P227(Gucy1b2	Guanylate cyclase s	33.30	0.00
TRINITY_sp|P041(GIP	Copia protein OS=Dr	33.30	0.00
TRINITY_sp|Q559(slr0305	TVP38/TMEM64 family	33.30	0.00
TRINITY_sp|Q9ZP(TMN3	Transmembrane 9 sup	33.30	0.00
TRINITY_sp|Q9QY(Vapb	Vesicle-associated	33.30	0.00
TRINITY_sp|P411(hsf1	Heat shock factor p	33.20	0.00
TRINITY_sp|Q54N(ψpsmD13	26S proteasome non-	33.20	0.00
TRINITY_sp|Q9XZ(culB	Cullin-2 OS=Dictyos	33.20	0.00
TRINITY_sp|Q8R1(Cog4	Conserved oligomeri	33.20	0.00
TRINITY_sp|Q8K2(Trappc12	Trafficking protein	33.20	0.00
TRINITY_sp|Q1ZX(I)DDB_G02(	Sphingomyelinase DD	33.20	0.00
TRINITY_sp|Q6CS(ATG1	Serine/threonine-pr	33.20	0.00
TRINITY_sp|Q6H7(CIPK26	CBL-interacting pro	33.20	0.00
TRINITY_sp|Q54C(dcd1B	Protein dcd1B OS=Di	33.20	0.00
TRINITY_sp|Q8PW(MM_1767	Geranylgeranyl diph	33.20	0.00
TRINITY_sp|Q5AG(HSL1	Serine/threonine-pr	33.20	0.00
TRINITY_sp|Q8RW(ISTY17	Serine/threonine-pr	33.20	0.00
TRINITY_sp|Q8T2(prkag	5'-AMP-activated pr	33.20	0.00
TRINITY_sp|Q0IW(IGRXS11	Monothiol glutaredo	33.20	0.00
TRINITY_sp|P432(RD19B	Probable cysteine p	33.20	0.00
TRINITY_sp|Q0JI(CIPK11	CBL-interacting pro	33.20	0.00
TRINITY_sp|Q54E(pdi2	Protein disulfide-i	33.20	0.00
TRINITY_sp|O429(ale1	Lysophospholipid ac	33.20	0.00
TRINITY_sp|Q8VY(At4g073(	Mannose-P-dolichol	33.20	0.00
TRINITY_sp|F4HT(M)GCS1	Mannosyl-oligosacch	33.20	0.00
TRINITY_sp|A5PN(fam151a	Protein FAM151A OS=	33.20	0.00
TRINITY_sp|Q9CQ(A)asdhppt	L-aminoadipate-semi	33.20	0.00
TRINITY_sp|Q940(ψGLCNAC1(	UDP-N-acetylglucosa	33.20	0.00
TRINITY_sp|Q5AF(GLX3	Glyoxalase 3 OS=Can	33.20	0.00
TRINITY_sp|O239(SF21	Pollen-specific pro	33.20	0.00
TRINITY_sp|A2RR(WDR27	WD repeat-containin	33.20	0.00
TRINITY_sp|Q54W(abcD3	ABC transporter D f	33.20	0.00
TRINITY_sp|A6H8(s)sgsm3	Small G protein sig	33.20	0.00
TRINITY_sp|P141(PDE1A	Calcium/calmodulin-	33.20	0.00
TRINITY_sp|P315(RHN1	Ras-related protein	33.20	0.00
TRINITY_sp|Q5JK(Os01g05(	Probable protein ph	33.20	0.00
TRINITY_sp|Q86V(KIF27	Kinesin-like protei	33.20	0.00
TRINITY_sp|Q153(ψPUM3	Pumilio homolog 3 O	33.20	0.00
TRINITY_sp|Q9R1(ψPARP1	Poly [ADP-ribose] p	33.20	0.00
TRINITY_sp|O525(cah	Carbonic anhydrase	33.20	0.00
TRINITY_sp|P0C2(ψ)ddx20	Probable ATP-depend	33.20	0.00
TRINITY_sp|C5A1(gyaR	Glyoxylate reductas	33.20	0.00
TRINITY_sp|Q9M3(ERID3	Protein ROOT INITIA	33.20	0.00
TRINITY_sp|Q6UX(DHRS13	Dehydrogenase/reduc	33.20	0.00
TRINITY_sp|Q102(ψ)SPAC4G9.	Uncharacterized mit	33.20	0.00
TRINITY_sp|P091(P4HB	Protein disulfide-i	33.20	0.00
TRINITY_sp|Q5VV(ψYOD1	Ubiquitin thioester	33.20	0.00
TRINITY_sp|P098(PARP1	Poly [ADP-ribose] p	33.20	0.00
TRINITY_sp|Q55G(abkC	Probable serine/thr	33.20	0.00

TRINITY_sp|Q5EBInt5c2	Cytosolic purine 5'	33.20	0.00
TRINITY_sp|Q8CG(Abcc1	Multidrug resistanc	33.20	0.00
TRINITY_sp|Q9Y4ISPEF1	Sperm flagellar pro	33.20	0.00
TRINITY_sp|A7HQpyrD	Dihydroorotate dehy	33.10	0.00
TRINITY_sp|Q408(EMB8	Embryogenesis-assoc	33.10	0.00
TRINITY_sp|Q5TIHVWA5B1	von Willebrand fact	33.10	0.00
TRINITY_sp|O1392SPAC23C4	UPF0665 family prot	33.10	0.00
TRINITY_sp|Q0761SPAG1	Sperm-associated an	33.10	0.00
TRINITY_sp|Q3SEIcl1e	Caltractin ICL1e OS	33.10	0.00
TRINITY_sp|Q54DabcA9	ABC transporter A f	33.10	0.00
TRINITY_sp|Q9491Reg-2	Rhythmically expres	33.10	0.00
TRINITY_sp|Q54Pcxpo5	Exportin-5 OS=Dicty	33.10	0.00
TRINITY_sp|Q54C1sgmB	Sphingomyelin phosp	33.10	0.00
TRINITY_sp|Q55C7gdt2	Probable serine/thr	33.10	0.00
TRINITY_sp|Q9LT1BBR	E3 ubiquitin ligase	33.10	0.00
TRINITY_sp|Q9ZR1GSTT1	Glutathione S-trans	33.10	0.00
TRINITY_sp|Q1ZXIDDB_G027	PH domain-containin	33.10	0.00
TRINITY_sp|Q9W01NaCP60E	Sodium channel prot	33.10	0.00
TRINITY_sp|Q92F4radA	DNA repair protein	33.10	0.00
TRINITY_sp|P1539rpa1	DNA-directed RNA po	33.10	0.00
TRINITY_sp|Q94ACSTR6	Rhodanese-like doma	33.10	0.00
TRINITY_sp|O5284bgam	Beta-galactosidase	33.10	0.00
TRINITY_sp|C0SV(RVE5	Protein REVEILLE 5	33.10	0.00
TRINITY_sp|O9465SPBC405	Uncharacterized tra	33.10	0.00
TRINITY_sp|O9571HERC2	E3 ubiquitin-protei	33.10	0.00
TRINITY_sp|Q3UFMNom1	Nucleolar MIF4G dom	33.10	0.00
TRINITY_sp|Q9X24fabG	3-oxoacyl-[acyl-car	33.10	0.00
TRINITY_sp|G4SW8erg	Delta(14)-sterol re	33.10	0.00
TRINITY_sp|B1AZ9Otud3	OTU domain-containi	33.10	0.00
TRINITY_sp|Q9FJIFKBP65	Peptidyl-prolyl cis	33.10	0.00
TRINITY_sp|Q7TNAbca7	ATP-binding cassett	33.10	0.00
TRINITY_sp|Q9VR9HERC2	Probable E3 ubiquit	33.10	0.00
TRINITY_sp|P7066Siae	Sialate O-acetylest	33.10	0.00
TRINITY_sp|Q54PcgcsA	Glutamate--cysteine	33.10	0.00
TRINITY_sp|Q6NZ(nc11	Nicalin-1 OS=Danio	33.10	0.00
TRINITY_sp|Q1L81rnf19b	E3 ubiquitin-protei	33.10	0.00
TRINITY_sp|P242(yjiA	Uncharacterized GTP	33.10	0.00
TRINITY_sp|Q9DBVCyp4v2	Cytochrome P450 4V2	33.10	0.00
TRINITY_sp|Q408(EMB8	Embryogenesis-assoc	33.10	0.00
TRINITY_sp|Q9DB8Osbp13	Oxysterol-binding p	33.10	0.00
TRINITY_sp|Q9947PFDN5	Prefoldin subunit 5	33.10	0.00
TRINITY_sp|Q8RXIBRCA1	Protein BREAST CANC	33.10	0.00
TRINITY_sp|Q55FctipC	Putative vacuolar p	33.10	0.00
TRINITY_sp|Q0536W	Protein white OS=Lu	33.10	0.00
TRINITY_sp|Q6P2MPNCK	Calcium/calmodulin-	33.10	0.00
TRINITY_sp|O8051CYCU4-1	Cyclin-U4-1 OS=Arab	33.10	0.00
TRINITY_sp|O1477TPP1	Tripeptidyl-peptida	33.10	0.00
TRINITY_sp|Q9SH8At2g3799	Ribosome biogenesis	33.10	0.00
TRINITY_sp|Q54TmybC	Myb-like protein C	33.10	0.00
TRINITY_sp|Q6DG8atg4b	Cysteine protease A	33.10	0.00
TRINITY_sp|Q91WVnpla3	Patatin-like phosph	33.10	0.00
TRINITY_sp|Q9968MGLL	Monoglyceride lipas	33.10	0.00
TRINITY_sp|O5488Gucy1b3	Guanylate cyclase s	33.10	0.00
TRINITY_sp|Q6J11Usp19	Ubiquitin carboxyl-	33.10	0.00
TRINITY_sp|Q94KIVPS52	Vacuolar protein so	33.10	0.00
TRINITY_sp|B3E42era	GTPase Era OS=Geoba	33.10	0.00

TRINITY_sp|O1447ssr2	SWI/SNF and RSC com	33.10	0.00
TRINITY_sp|Q9Y4FVPRBP	Protein VPRBP OS=Ho	33.10	0.00
TRINITY_sp|Q93W2At4g1554	Uncharacterized pro	33.10	0.00
TRINITY_sp|Q9FMICPK17	Calcium-dependent p	33.10	0.00
TRINITY_sp|A8I9FCFAP45	Cilia- and flagella	33.10	0.00
TRINITY_sp|P4802gacS	Sensor protein GacS	33.10	0.00
TRINITY_sp|O613(Dbp80	DEAD-box helicase D	33.10	0.00
TRINITY_sp|Q9Y1VfadA	Delta(5) fatty acid	33.10	0.00
TRINITY_sp|A8Y19pfd-6	Probable prefoldin	33.10	0.00
TRINITY_sp|P5322NQM1	Transaldolase NQM1	33.10	0.00
TRINITY_sp|Q0277MAP3K10	Mitogen-activated p	33.10	0.00
TRINITY_sp|P7881vtc4	Vacuolar transporte	33.10	0.00
TRINITY_sp|G5CEV-	Eukaryotic translat	33.10	0.00
TRINITY_sp|Q54JFabcC3	ABC transporter C f	33.10	0.00
TRINITY_sp|Q3U4ELipn	Lipase member N OS=	33.00	0.00
TRINITY_sp|P2665rad15	DNA repair helicase	33.00	0.00
TRINITY_sp|P4597Su(var)3	Histone-lysine N-me	33.00	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	33.00	0.00
TRINITY_sp|O0891Faah	Fatty-acid amide hy	33.00	0.00
TRINITY_sp|Q8VZ6At4g1919	Uncharacterized zin	33.00	0.00
TRINITY_sp|Q8VE9Slc35f6	Solute carrier fami	33.00	0.00
TRINITY_sp|Q4U2FHerc2	E3 ubiquitin-protei	33.00	0.00
TRINITY_sp|Q9HC2TMBIM4	Protein lifeguard 4	33.00	0.00
TRINITY_sp|Q8RY7At4g1762	Decapping nuclease	33.00	0.00
TRINITY_sp|Q647(Plk4	Serine/threonine-pr	33.00	0.00
TRINITY_sp|Q9VH1Invadol1	Leishmanolysin-like	33.00	0.00
TRINITY_sp|Q9DB7Uqcrc2	Cytochrome b-c1 com	33.00	0.00
TRINITY_sp|Q5KU2COLEC12	Collectin-12 OS=Hom	33.00	0.00
TRINITY_sp|Q54DUDDB_G029	von Willebrand fact	33.00	0.00
TRINITY_sp|B0G00mybAA	Myb-like protein AA	33.00	0.00
TRINITY_sp|Q9SSFRBL5	RHOMBOID-like prote	33.00	0.00
TRINITY_sp|P9213CP1	Cathepsin B-like CP	33.00	0.00
TRINITY_sp|P1889Dao	D-amino-acid oxidas	33.00	0.00
TRINITY_sp|Q9VNIrheb	GTP-binding protein	33.00	0.00
TRINITY_sp|Q7M39rngB	RING finger protein	33.00	0.00
TRINITY_sp|Q54J7papA	Poly(A) polymerase	33.00	0.00
TRINITY_sp|Q8Z01gmk	Guanylate kinase OS	33.00	0.00
TRINITY_sp|Q6433Syn2	Synapsin-2 OS=Mus m	33.00	0.00
TRINITY_sp|Q9LDFBETAA-AI	Beta-adaptin-like p	33.00	0.00
TRINITY_sp|Q8DIHtilS	tRNA(Ile)-lysidine	33.00	0.00
TRINITY_sp|Q94K1TPC1	Two pore calcium ch	33.00	0.00
TRINITY_sp|Q54TMDrkd	Probable serine/thr	33.00	0.00
TRINITY_sp|Q1918gcy-12	Receptor-type guany	33.00	0.00
TRINITY_sp|P0598pkar	cAMP-dependent prot	33.00	0.00
TRINITY_sp|Q5SMCTTHA106	Magnesium transport	33.00	0.00
TRINITY_sp|Q8IYFCDC146	Coiled-coil domain-	33.00	0.00
TRINITY_sp|Q2QAVTIO	Serine/threonine-pr	33.00	0.00
TRINITY_sp|Q8ICFCPK2	Calcium-dependent p	33.00	0.00
TRINITY_sp|Q0VC(ABHD3	Phospholipase ABHD3	33.00	0.00
TRINITY_sp|P5475EPHA5	Ephrin type-A recep	33.00	0.00
TRINITY_sp|P104(pol	Retrovirus-related	33.00	0.00
TRINITY_sp|Q5UPIMIMI_L75	Uncharacterized pro	33.00	0.00
TRINITY_sp|Q8L7FLPEAT1	Lysophospholipid ac	33.00	0.00
TRINITY_sp|Q9HBFIRDH14	Retinol dehydrogena	33.00	0.00
TRINITY_sp|Q86I9DDB_G027	Uncharacterized Gol	33.00	0.00
TRINITY_sp|O6473At2g3017	Probable protein ph	33.00	0.00

TRINITY_sp|B8AJ(BASS4	Probable sodium/met	33.00	0.00
TRINITY_sp|Q96B(AIDA	Axin interactor, do	33.00	0.00
TRINITY_sp|O346(ydiP	Probable BsuMI modi	33.00	0.00
TRINITY_sp|Q1PF(CPK19	Calcium-dependent p	33.00	0.00
TRINITY_sp|Q9M0(GGP3	Gamma-glutamyl pept	33.00	0.00
TRINITY_sp|Q95R(Orc2	Organic cation tran	33.00	0.00
TRINITY_sp|Q9M8(SIP1-1	Aquaporin SIP1-1 OS	33.00	0.00
TRINITY_sp|Q177(nuc-1	Deoxyribonuclease-2	33.00	0.00
TRINITY_sp|P0CZ(ACX3	Acyl-coenzyme A oxi	33.00	0.00
TRINITY_sp|Q10X(Obg	GTPase Obg OS=Trich	33.00	0.00
TRINITY_sp|Q9W4(dnc	cAMP-specific 3',5'	33.00	0.00
TRINITY_sp|O764(GstD7	Glutathione S-trans	33.00	0.00
TRINITY_sp|O040(Atlg0894	Phosphoglycerate mu	33.00	0.00
TRINITY_sp|P340(manA	Lysosomal alpha-man	33.00	0.00
TRINITY_sp|Q75J(cpras1	Circularly permutat	33.00	0.00
TRINITY_sp|Q0V9(ccdc39	Coiled-coil domain-	33.00	0.00
TRINITY_sp|Q32P(Fubp1	Far upstream elemen	33.00	0.00
TRINITY_sp|Q6AX(bbs9	Protein PTHB1 OS=Xe	33.00	0.00
TRINITY_sp|Q8W4(UBP2	Ubiquitin carboxyl-	33.00	0.00
TRINITY_sp|P383(PHO89	Phosphate permease	33.00	0.00
TRINITY_sp|Q54R(idhKL	Hybrid signal trans	32.90	0.00
TRINITY_sp|Q1AU(fusA	Elongation factor G	32.90	0.00
TRINITY_sp|G5EF(igd-4	Poly(A) RNA polymer	32.90	0.00
TRINITY_sp|Q54F(arpin	Arpin OS=Dictyostel	32.90	0.00
TRINITY_sp|Q567(yod1	Ubiquitin thioester	32.90	0.00
TRINITY_sp|Q6PD(Ecm29	Proteasome-associat	32.90	0.00
TRINITY_sp|A0PQ(MUL_2009	Probable phthiotrio	32.90	0.00
TRINITY_sp|Q9XT(ZK262.3	Lipase ZK262.3 OS=C	32.90	0.00
TRINITY_sp|B6MF(BRAFLDR7	Protein Hook homolo	32.90	0.00
TRINITY_sp|Q9D1(Cfap57	Cilia- and flagella	32.90	0.00
TRINITY_sp|Q29A(GA17800	Leishmanolysin-like	32.90	0.00
TRINITY_sp|Q54H(ighB	Gamma-glutamyl hydr	32.90	0.00
TRINITY_sp|Q96G(DCUN1D1	DCN1-like protein 1	32.90	0.00
TRINITY_sp|O525(cah	Carbonic anhydrase	32.90	0.00
TRINITY_sp|Q8XJ(def2	Peptide deformylase	32.90	0.00
TRINITY_sp|Q3U4(Hectd3	E3 ubiquitin-protei	32.90	0.00
TRINITY_sp|Q54Y(dhkJ	Hybrid signal trans	32.90	0.00
TRINITY_sp|Q54H(drkA	Probable serine/thr	32.90	0.00
TRINITY_sp|Q84L(PAP14	Probable inactive p	32.90	0.00
TRINITY_sp|Q54Q(esir2A	NAD-dependent deace	32.90	0.00
TRINITY_sp|Q96R(CAMKK2	Calcium/calmodulin-	32.90	0.00
TRINITY_sp|Q3UG(Wdr19	WD repeat-containin	32.90	0.00
TRINITY_sp|Q9VY(Usp7	Ubiquitin carboxyl-	32.90	0.00
TRINITY_sp|Q0JI(CIPK11	CBL-interacting pro	32.90	0.00
TRINITY_sp|Q7XZ(IAPX5	L-ascorbate peroxid	32.90	0.00
TRINITY_sp|Q5XF(TIM44-2	Mitochondrial impor	32.90	0.00
TRINITY_sp|O087(Ube3a	Ubiquitin-protein 1	32.90	0.00
TRINITY_sp|Q8RV(IDEK1	Calpain-type cystei	32.90	0.00
TRINITY_sp|P404(rdgC	Serine/threonine-pr	32.90	0.00
TRINITY_sp|P484(Ppp3cc	Serine/threonine-pr	32.90	0.00
TRINITY_sp|Q7FG(RH1	DEAD-box ATP-depend	32.90	0.00
TRINITY_sp|Q7SY(slc44a2	Choline transporter	32.90	0.00
TRINITY_sp|O049(-	Alpha-glucosidase O	32.90	0.00
TRINITY_sp|Q6ZP(Ibtk	Inhibitor of Bruton	32.90	0.00
TRINITY_sp|Q8BV(Trank1	TPR and ankyrin rep	32.90	0.00
TRINITY_sp|Q54I(pyk3	Dual specificity pr	32.90	0.00

TRINITY_sp|Q6TY2Pabpn11-	Embryonic polyadeny	32.90	0.00
TRINITY_sp|Q5XG6PAPD7	Non-canonical poly(	32.90	0.00
TRINITY_sp|A4IF6GNPAT	Dihydroxyacetone ph	32.90	0.00
TRINITY_sp|A2QV6creC	Probable catabolite	32.90	0.00
TRINITY_sp|A5PJ2NUP93	Nuclear pore comple	32.90	0.00
TRINITY_sp|Q93VICCD8A	Carotenoid cleavage	32.90	0.00
TRINITY_sp|P5161Xpc	DNA repair protein	32.90	0.00
TRINITY_sp|Q3UGMnek10	Serine/threonine-pr	32.90	0.00
TRINITY_sp|Q8I7Ipol	Retrovirus-related	32.90	0.00
TRINITY_sp|Q3906CNX2	GTP 3',8-cyclase, m	32.90	0.00
TRINITY_sp|Q9ZUICKL5	Casein kinase 1-lik	32.90	0.00
TRINITY_sp|A5PJ6IHSDL1	Inactive hydroxyste	32.90	0.00
TRINITY_sp|Q9906act	Actin OS=Hypocrea j	32.90	0.00
TRINITY_sp|Q9LU4PUB53	Putative U-box doma	32.90	0.00
TRINITY_sp|Q76L6cpr-c1	NADPH-dependent con	32.90	0.00
TRINITY_sp|Q869Ibpnt1	3'(2'),5'-bisphosph	32.90	0.00
TRINITY_sp|A8JAI6CFAP43	Cilia- and flagella	32.90	0.00
TRINITY_sp|Q652MPHT4;4	Probable anion tran	32.90	0.00
TRINITY_sp|Q4106SBEI	1,4-alpha-glucan-br	32.90	0.00
TRINITY_sp|Q54RIDhkL	Hybrid signal trans	32.80	0.00
TRINITY_sp|Q9779TBC1D1	TBC1 domain family	32.80	0.00
TRINITY_sp|Q96P6ACAP3	Arf-GAP with coiled	32.80	0.00
TRINITY_sp|Q1ZXI6roco5	Probable serine/thr	32.80	0.00
TRINITY_sp|Q94A6At5g5314	Probable protein ph	32.80	0.00
TRINITY_sp|Q6766aq_1758	Uncharacterized RNA	32.80	0.00
TRINITY_sp|Q1D96deoD	Purine nucleoside p	32.80	0.00
TRINITY_sp|Q54DF6commd1	COMM domain-contain	32.80	0.00
TRINITY_sp|Q8RWI6STY17	Serine/threonine-pr	32.80	0.00
TRINITY_sp|Q4266pep2	Vacuolar protease A	32.80	0.00
TRINITY_sp|Q54P6gefA	Ras guanine nucleot	32.80	0.00
TRINITY_sp|Q9UR6(Tf2-11	Transposon Tf2-11 p	32.80	0.00
TRINITY_sp|Q9ZV6At1g5457	Acyltransferase-lik	32.80	0.00
TRINITY_sp|P4986STK19	Serine/threonine-pr	32.80	0.00
TRINITY_sp|P2006-	Myb-related protein	32.80	0.00
TRINITY_sp|Q9C86FABCC11	ABC transporter C f	32.80	0.00
TRINITY_sp|Q54S6vps15	Probable serine/thr	32.80	0.00
TRINITY_sp|Q6IQ6SPOPL	Speckle-type POZ pr	32.80	0.00
TRINITY_sp|Q1886AOAH	Acyloxyacyl hydrola	32.80	0.00
TRINITY_sp|Q54V6DDB_G026	Probable serine/thr	32.80	0.00
TRINITY_sp|Q9P86tcsA	Two-component syste	32.80	0.00
TRINITY_sp|P4086USP8	Ubiquitin carboxyl-	32.80	0.00
TRINITY_sp|Q54DI6mrkA	Probable serine/thr	32.80	0.00
TRINITY_sp|Q9236SPAC6G9.	Pumilio domain-cont	32.80	0.00
TRINITY_sp|Q54N6(alkB	Alpha-ketoglutarate	32.80	0.00
TRINITY_sp|Q1396av19	Late secretory path	32.80	0.00
TRINITY_sp|Q5ZK6DCUN1D1	DCN1-like protein 1	32.80	0.00
TRINITY_sp|Q54F6(gacJJ	Rho GTPase-activati	32.80	0.00
TRINITY_sp|Q0436NSP3	Nitrile-specifier p	32.80	0.00
TRINITY_sp|Q0496GPX2	Probable glutathion	32.80	0.00
TRINITY_sp|P0AF6(tsaE	tRNA threonylcarbam	32.80	0.00
TRINITY_sp|P5286DGKQ	Diacylglycerol kina	32.80	0.00
TRINITY_sp|P5936Eif5	Eukaryotic translat	32.80	0.00
TRINITY_sp|Q8RX6WIN2	Probable protein ph	32.80	0.00
TRINITY_sp|Q0JI6CIPK11	CBL-interacting pro	32.80	0.00
TRINITY_sp|Q8VH6Ikbkap	Elongator complex p	32.80	0.00
TRINITY_sp|Q94C6At5g4994	Uncharacterized pro	32.80	0.00

TRINITY_sp|Q6DH\ADAL	Adenosine deaminase	32.80	0.00
TRINITY_sp|Q5ZM\PEX5	Peroxisomal targeti	32.80	0.00
TRINITY_sp|B5FE\rlmI	Ribosomal RNA large	32.80	0.00
TRINITY_sp|B5RM\rrplB	50S ribosomal prote	32.80	0.00
TRINITY_sp|Q54U\shkD	Dual specificity pr	32.80	0.00
TRINITY_sp|Q9CA\PEX2	Peroxisome biogenes	32.80	0.00
TRINITY_sp|Q80Z\NampT	Nicotinamide phosph	32.80	0.00
TRINITY_sp|O624\Y43F4A.1	Leishmanolysin-like	32.80	0.00
TRINITY_sp|P649\stf3	PAPS-dependent sulf	32.80	0.00
TRINITY_sp|Q9LZ\BTR1	Protein BTR1 OS=Ara	32.80	0.00
TRINITY_sp|Q54S\idhkD	Hybrid signal trans	32.80	0.00
TRINITY_sp|F4IL\At2g3592	DEXH-box ATP-depend	32.80	0.00
TRINITY_sp|Q8GU\PUB33	U-box domain-contai	32.80	0.00
TRINITY_sp|P315\-	47 kDa protein OS=P	32.80	0.00
TRINITY_sp|Q9ZU\BAT1	Amino-acid permease	32.80	0.00
TRINITY_sp|P696\Necap1	Adaptin ear-binding	32.80	0.00
TRINITY_sp|Q120\FSF1	Probable mitochondr	32.80	0.00
TRINITY_sp|Q9VY\Evi5	Ecotropic viral int	32.70	0.00
TRINITY_sp|O140\kap104	Importin subunit be	32.70	0.00
TRINITY_sp|Q8BU\Usp43	Ubiquitin carboxyl-	32.70	0.00
TRINITY_sp|Q499\xpo4	Exportin-4 OS=Xenop	32.70	0.00
TRINITY_sp|Q8VZ\PLT5	Polyol transporter	32.70	0.00
TRINITY_sp|Q9CZ\Polr3e	DNA-directed RNA po	32.70	0.00
TRINITY_sp|Q68D\KCTD16	BTB/POZ domain-cont	32.70	0.00
TRINITY_sp|Q9VH\Invadoly	Leishmanolysin-like	32.70	0.00
TRINITY_sp|Q5ZJ\ULK3	Serine/threonine-pr	32.70	0.00
TRINITY_sp|Q8N2\ARHGAP24	Rho GTPase-activati	32.70	0.00
TRINITY_sp|Q8N9\WDSUB1	WD repeat, SAM and	32.70	0.00
TRINITY_sp|O551\Pdpk1	3-phosphoinositide-	32.70	0.00
TRINITY_sp|Q6SP\Enkur	Enkurin OS=Mus musc	32.70	0.00
TRINITY_sp|Q9YG\sand	Protein SAND OS=Tak	32.70	0.00
TRINITY_sp|Q86L\gachH	Rho GTPase-activati	32.70	0.00
TRINITY_sp|Q54C\dync1li1	Cytoplasmic dynein	32.70	0.00
TRINITY_sp|Q2TC\Htgfbli1	Transforming growth	32.70	0.00
TRINITY_sp|Q5ZI\KLHL7	Kelch-like protein	32.70	0.00
TRINITY_sp|O431\csh3	Protein csh3 OS=Sch	32.70	0.00
TRINITY_sp|P246\PTP	Tyrosine-protein ph	32.70	0.00
TRINITY_sp|Q1LW\tldc1	TLD domain-containi	32.70	0.00
TRINITY_sp|Q94A\TPS6	Alpha,alpha-trehalo	32.70	0.00
TRINITY_sp|O088\Was1	Neural Wiskott-Aldr	32.70	0.00
TRINITY_sp|P524\UBA1	Ubiquitin-activatin	32.70	0.00
TRINITY_sp|Q0JC\ZEP	Zeaxanthin epoxidas	32.70	0.00
TRINITY_sp|Q6ZR\DNAH12	Dynein heavy chain	32.70	0.00
TRINITY_sp|Q105\CPSF2	Cleavage and polyad	32.70	0.00
TRINITY_sp|Q9VI\CG10166	Probable dolichol-p	32.70	0.00
TRINITY_sp|Q55A\DDB_G027	Probable serine/thr	32.70	0.00
TRINITY_sp|Q5Y2\HTAY	Histone H2A.Y OS=Te	32.70	0.00
TRINITY_sp|Q86C\atg1	Serine/threonine-pr	32.70	0.00
TRINITY_sp|O702\Dgcr14	Protein DGCR14 OS=M	32.70	0.00
TRINITY_sp|P731\sl11290	Uncharacterized rib	32.70	0.00
TRINITY_sp|P832\CBR2	NADH-cytochrome b5	32.70	0.00
TRINITY_sp|Q84U\CAC1	Mitochondrial argin	32.70	0.00
TRINITY_sp|Q84M\FAL1	RAP domain-containi	32.70	0.00
TRINITY_sp|Q1ZX\hgxcDD	Guanine exchange fa	32.70	0.00
TRINITY_sp|Q9ZV\RRP4	Exosome complex com	32.70	0.00
TRINITY_sp|Q8GT\MUS81	Crossover junction	32.70	0.00

TRINITY_sp|O9437rex4	RNA exonuclease 4 O	32.70	0.00
TRINITY_sp|Q9LHCOCT4	Organic cation/carn	32.70	0.00
TRINITY_sp|Q9VH1Invadoly	Leishmanolysin-like	32.70	0.00
TRINITY_sp|Q8H27Os07g064	Probable protein ph	32.70	0.00
TRINITY_sp|Q6Z71GLU14	Endoglucanase 4 OS=	32.70	0.00
TRINITY_sp|P5548NGR_a033	Uncharacterized oxi	32.70	0.00
TRINITY_sp|Q6DRMnoc31	Nucleolar complex p	32.70	0.00
TRINITY_sp|Q097(akr1	Palmitoyltransferas	32.70	0.00
TRINITY_sp|Q54RmosbG	Oxysterol-binding p	32.70	0.00
TRINITY_sp|Q9MAC(ABCG24	ABC transporter G f	32.70	0.00
TRINITY_sp|Q94A1SEC6	Exocyst complex com	32.70	0.00
TRINITY_sp|P5775DRT101	Phosphoacetylglucos	32.70	0.00
TRINITY_sp|Q220(pde-4	Probable 3',5'-cycl	32.70	0.00
TRINITY_sp|P295(-	Ubiquitin-40S ribos	32.70	0.00
TRINITY_sp|Q96W(eg1B	Probable endo-beta-	32.60	0.00
TRINITY_sp|Q6NXMRcbtb1	RCC1 and BTB domain	32.60	0.00
TRINITY_sp|P4055YIA6	Mitochondrial nicot	32.60	0.00
TRINITY_sp|Q0971apm4	AP-2 complex subuni	32.60	0.00
TRINITY_sp|P3893IGHMBP2	DNA-binding protein	32.60	0.00
TRINITY_sp|Q4Z8FRanBPM	Ran-binding protein	32.60	0.00
TRINITY_sp|Q6PDJEcm29	Proteasome-associat	32.60	0.00
TRINITY_sp|O9471SPCC1259	Uncharacterized pro	32.60	0.00
TRINITY_sp|Q4086EMB8	Embryogenesis-assoc	32.60	0.00
TRINITY_sp|Q7L51GDPD3	Glycerophosphodiester	32.60	0.00
TRINITY_sp|P1116SLC2A2	Solute carrier fami	32.60	0.00
TRINITY_sp|Q9237ssb1	Replication factor	32.60	0.00
TRINITY_sp|Q54E7DDB_G029	Probable serine/thr	32.60	0.00
TRINITY_sp|Q6ZTFCFAP47	Cilia- and flagella	32.60	0.00
TRINITY_sp|Q54M(pigw	Phosphatidylinosito	32.60	0.00
TRINITY_sp|Q9411EO	2-methylene-furan-3	32.60	0.00
TRINITY_sp|O5498Kcnu1	Potassium channel s	32.60	0.00
TRINITY_sp|Q1ZXHfgxcDD	Guanine exchange fa	32.60	0.00
TRINITY_sp|Q54X7DDB_G027	Probable serine/thr	32.60	0.00
TRINITY_sp|Q0933Ugt	UDP-glucose:glycopro	32.60	0.00
TRINITY_sp|O7577RAD51D	DNA repair protein	32.60	0.00
TRINITY_sp|Q0966tnc-2	Troponin C, isoform	32.60	0.00
TRINITY_sp|Q54B6mcfZ	Mitochondrial subst	32.60	0.00
TRINITY_sp|O9331rad21	Double-strand-break	32.60	0.00
TRINITY_sp|Q1EC6SMO1-2	Methylsterol monoox	32.60	0.00
TRINITY_sp|Q08D6abcb6	ATP-binding cassett	32.60	0.00
TRINITY_sp|Q9M35GCP4	Gamma-tubulin compl	32.60	0.00
TRINITY_sp|Q8BT1Srrm2	Serine/arginine rep	32.60	0.00
TRINITY_sp|Q59W6GIN4	Serine/threonine-pr	32.60	0.00
TRINITY_sp|P0A87yidA	Sugar phosphatase Y	32.60	0.00
TRINITY_sp|Q54E3gacEE	Rho GTPase-activati	32.60	0.00
TRINITY_sp|Q84WUUBP13	Ubiquitin carboxyl-	32.60	0.00
TRINITY_sp|Q7ZXHfar1	Fatty acyl-CoA redu	32.60	0.00
TRINITY_sp|Q54Efabcc7	ABC transporter C f	32.60	0.00
TRINITY_sp|Q99M6Sec1412	SEC14-like protein	32.60	0.00
TRINITY_sp|Q1DNC(CIMG_081	Very-long-chain 3-o	32.60	0.00
TRINITY_sp|Q54L7DDB_G028	G8 domain-containin	32.60	0.00
TRINITY_sp|Q6F67hpxO	FAD-dependent urate	32.60	0.00
TRINITY_sp|Q9SR7LPA1	Protein LOW PSII AC	32.60	0.00
TRINITY_sp|Q5UP5MIMI_R58	Uncharacterized pro	32.60	0.00
TRINITY_sp|O7445sfc4	Transcription facto	32.60	0.00
TRINITY_sp|Q9FL7EXPA24	Expansin-A24 OS=Ara	32.60	0.00

TRINITY_sp|Q9BVQSPATA5L1	Spermatogenesis-ass	32.60	0.00
TRINITY_sp|Q505Hwsl	Protein IWS1 homolo	32.60	0.00
TRINITY_sp|Q9KWFprop	Putative proline/be	32.60	0.00
TRINITY_sp|Q6123Lcp1	Plastin-2 OS=Mus mu	32.60	0.00
TRINITY_sp|P341(pkgC	Protein kinase 3 OS	32.60	0.00
TRINITY_sp|P6234CPK1	Calcium-dependent p	32.60	0.00
TRINITY_sp|Q6PGZtraf3ip1	TRAF3-interacting p	32.60	0.00
TRINITY_sp|Q9235SPAC6G9	Pumilio domain-cont	32.60	0.00
TRINITY_sp|Q0053CDK17	Cyclin-dependent ki	32.60	0.00
TRINITY_sp|P7403rimM	Ribosome maturation	32.60	0.00
TRINITY_sp|Q3V11Int5c2	Cytosolic purine 5'	32.60	0.00
TRINITY_sp|Q0277MAP3K10	Mitogen-activated p	32.60	0.00
TRINITY_sp|Q4V9Edgat2	Diacylglycerol O-ac	32.60	0.00
TRINITY_sp|Q948FTHH1	Protein TOM THREE H	32.60	0.00
TRINITY_sp|F4IXVBIG5	Brefeldin A-inhibit	32.60	0.00
TRINITY_sp|F4IUUSAC3A	SAC3 family protein	32.60	0.00
TRINITY_sp|Q8BHFRab9b	Ras-related protein	32.60	0.00
TRINITY_sp|Q28HFsIc38a6	Probable sodium-cou	32.50	0.00
TRINITY_sp|Q66J7epc2	Enhancer of polycom	32.50	0.00
TRINITY_sp|Q9QXN Trip4	Activating signal c	32.50	0.00
TRINITY_sp|Q9NJUCPK3	Calcium-dependent p	32.50	0.00
TRINITY_sp|Q552MDDB_G027	Putative ZDHHC-type	32.50	0.00
TRINITY_sp|Q9M9IMP7	Importin subunit al	32.50	0.00
TRINITY_sp|Q54X8syn7B	Probable syntaxin-7	32.50	0.00
TRINITY_sp|Q54W8roco6	Probable serine/thr	32.50	0.00
TRINITY_sp|P4013cyaA	Adenylate cyclase 1	32.50	0.00
TRINITY_sp|Q4UB1rab1	Ras-related protein	32.50	0.00
TRINITY_sp|Q8DE2hscB	Co-chaperone protei	32.50	0.00
TRINITY_sp|Q54EfabC7	ABC transporter C f	32.50	0.00
TRINITY_sp|Q54HlgghB	Gamma-glutamyl hydr	32.50	0.00
TRINITY_sp|Q54BMmcfG	Mitochondrial subst	32.50	0.00
TRINITY_sp|F1LR8Cd2ap	CD2-associated prot	32.50	0.00
TRINITY_sp|Q54Dfatp5C1	ATP synthase subuni	32.50	0.00
TRINITY_sp|P4344CCNA2	Cyclin-A2 OS=Gallus	32.50	0.00
TRINITY_sp|Q5R68DIRAS2	GTP-binding protein	32.50	0.00
TRINITY_sp|O8056LARP6B	La-related protein	32.50	0.00
TRINITY_sp|Q9NI\PEK	Eukaryotic translat	32.50	0.00
TRINITY_sp|Q70EUFUSP53	Inactive ubiquitin	32.50	0.00
TRINITY_sp|P8711not1	General negative re	32.50	0.00
TRINITY_sp|Q6NRfdcaf8	DDB1- and CUL4-asso	32.50	0.00
TRINITY_sp|Q54BDDDB_G029	LIMR family protein	32.50	0.00
TRINITY_sp|P1875RCC1	Regulator of chromo	32.50	0.00
TRINITY_sp|P4061HMGB3	High mobility group	32.50	0.00
TRINITY_sp|O8106SPP	Signal peptide pept	32.50	0.00
TRINITY_sp|Q5BGfmesA	Protein mesA OS=Eme	32.50	0.00
TRINITY_sp|Q5W7CSTAR2	UPF0014 membrane pr	32.50	0.00
TRINITY_sp|Q6PF8Prorsd1	Prolyl-tRNA synthet	32.50	0.00
TRINITY_sp|P117CYP3A6	Cytochrome P450 3A6	32.50	0.00

TRINITY_sp|Q5PQ(nudt17	Nucleoside diphosph	32.50	0.00
TRINITY_sp|P945(araB	Ribulokinase OS=Bac	32.50	0.00
TRINITY_sp|Q5ZJ(PIP5K1B	Phosphatidylinosito	32.50	0.00
TRINITY_sp|O144(ssr2	SWI/SNF and RSC com	32.50	0.00
TRINITY_sp|Q3V0(Garn13	GTPase-activating R	32.50	0.00
TRINITY_sp|Q133(TARBP1	Probable methyltran	32.50	0.00
TRINITY_sp|O133(TRI11	Isotrichodermin C-1	32.50	0.00
TRINITY_sp|Q8RW(PUX4	Plant UBX domain-co	32.50	0.00
TRINITY_sp|Q8GUMAt3g526(Nicastrin OS=Arabid		32.50	0.00
TRINITY_sp|Q9Y6(ARFGEF2	Brefeldin A-inhibit	32.50	0.00
TRINITY_sp|Q58D(DNAJB12	DnaJ homolog subfam	32.50	0.00
TRINITY_sp|Q7TX(fadD29	Long-chain-fatty-ac	32.50	0.00
TRINITY_sp|Q5ZK(IRRP12	RRP12-like protein	32.50	0.00
TRINITY_sp|P940(RBCMT	Ribulose-1,5 bispho	32.50	0.00
TRINITY_sp|Q5SM(TTHA106(Magnesium transport		32.50	0.00
TRINITY_sp|Q496(Elp2	Elongator complex p	32.50	0.00
TRINITY_sp|Q9Y5(GTF3C3	General transcripti	32.50	0.00
TRINITY_sp|Q54G(acox1	Peroxisomal acyl-co	32.50	0.00
TRINITY_sp|Q9CR(Ccdc96	Coiled-coil domain-	32.50	0.00
TRINITY_sp|Q91W(Dag1b	Sn1-specific diacyl	32.50	0.00
TRINITY_sp|Q9MA(ACBP4	Acyl-CoA-binding do	32.50	0.00
TRINITY_sp|Q9FW(GAMMACA1	Gamma carbonic anhy	32.50	0.00
TRINITY_sp|Q020(-	Zinc-binding protei	32.50	0.00
TRINITY_sp|Q9Y7(SPCC645	Putative CCA tRNA n	32.40	0.00
TRINITY_sp|P341(pkad	Developmentally-reg	32.40	0.00
TRINITY_sp|B8AS(OsI_167(Vacuolar-processing		32.40	0.00
TRINITY_sp|Q212(K07E3.7	Probable cation-tra	32.40	0.00
TRINITY_sp|P0CA(TTLL3B	Tubulin glycyrase 3	32.40	0.00
TRINITY_sp|Q568(Icfap161	Cilia- and flagella	32.40	0.00
TRINITY_sp|B2GV(Ufl1	E3 UFM1-protein lig	32.40	0.00
TRINITY_sp|O044(ECI1	Enoyl-CoA delta iso	32.40	0.00
TRINITY_sp|P1951-	Lipase OS=Rhizomuco	32.40	0.00
TRINITY_sp|Q6H7(CIPK26	CBL-interacting pro	32.40	0.00
TRINITY_sp|Q54C(vt11A	Vesicle transport t	32.40	0.00
TRINITY_sp|Q8CG(Rbm28	RNA-binding protein	32.40	0.00
TRINITY_sp|Q1QE(1plA	Lipoate-protein lig	32.40	0.00
TRINITY_sp|Q54D(DDDB_G02(Serine carboxypepti		32.40	0.00
TRINITY_sp|O352(Aoah	Acyloxyacyl hydrola	32.40	0.00
TRINITY_sp|Q9C5(AHK4	Histidine kinase 4	32.40	0.00
TRINITY_sp|Q8RXIAt1g068(Uncharacterized mem		32.40	0.00
TRINITY_sp|O605(BUB1B	Mitotic checkpoint	32.40	0.00
TRINITY_sp|Q86X(HIQCA1	IQ and AAA domain-c	32.40	0.00
TRINITY_sp|Q5D1(IGBP1	Guanylate-binding p	32.40	0.00
TRINITY_sp|Q76P(DDDB_G02(Probable serine/thr		32.40	0.00
TRINITY_sp|Q9LR(BSU1	Serine/threonine-pr	32.40	0.00
TRINITY_sp|E1BV(HENMT1	Small RNA 2'-O-meth	32.40	0.00
TRINITY_sp|Q608(Akt2	RAC-beta serine/thr	32.40	0.00
TRINITY_sp|Q9N0(MX2	Interferon-induced	32.40	0.00
TRINITY_sp|Q9FM(At5g140(U3 small nucleolar		32.40	0.00
TRINITY_sp|O343(ytcJ	Putative amidohydro	32.40	0.00
TRINITY_sp|A3KM(RANBP10	Ran-binding protein	32.40	0.00
TRINITY_sp|A8IR(4CHLREDR(Ribosome biogenesis		32.40	0.00
TRINITY_sp|Q756(TOM1	Probable E3 ubiquit	32.40	0.00
TRINITY_sp|Q9NP(PNPLA8	Calcium-independent	32.40	0.00
TRINITY_sp|Q920(ACHE	Acetylcholinesteras	32.40	0.00
TRINITY_sp|Q056(cna-1	Serine/threonine-pr	32.40	0.00

TRINITY_sp|Q5UR(MIMI_L9(	Uncharacterized pro	32.40	0.00
TRINITY_sp|Q8CB(March11	E3 ubiquitin-protei	32.40	0.00
TRINITY_sp|Q10L(VLN2	Villin-2 OS=Oryza s	32.40	0.00
TRINITY_sp|Q9M3(ATM	Serine/threonine-pr	32.40	0.00
TRINITY_sp|O957(HERC2	E3 ubiquitin-protei	32.40	0.00
TRINITY_sp|Q6DR(abhd11	Protein ABHD11 OS=D	32.40	0.00
TRINITY_sp|Q924(VSmc6	Structural maintena	32.40	0.00
TRINITY_sp|Q54P(gefA	Ras guanine nucleot	32.40	0.00
TRINITY_sp|A8WY(par-1	Serine/threonine-pr	32.40	0.00
TRINITY_sp|O297(AF_0491	Ribosome maturation	32.40	0.00
TRINITY_sp|Q680(TFB2	RNA polymerase II t	32.40	0.00
TRINITY_sp|P562(tif225	Probable translatio	32.40	0.00
TRINITY_sp|Q55C(sec31	Protein transport p	32.40	0.00
TRINITY_sp|Q5TC(MLK4	Mitogen-activated p	32.40	0.00
TRINITY_sp|Q91W(Ascc2	Activating signal c	32.40	0.00
TRINITY_sp|Q9FI(NIP4-1	Putative aquaporin	32.40	0.00
TRINITY_sp|P425(erka	Extracellular signa	32.40	0.00
TRINITY_sp|Q54U(kif3	Kinesin-related pro	32.40	0.00
TRINITY_sp|P803(-	Crustacean calcium-	32.40	0.00
TRINITY_sp|Q5XG(PAPD7	Non-canonical poly(	32.40	0.00
TRINITY_sp|Q70C(USP34	Ubiquitin carboxyl-	32.40	0.00
TRINITY_sp|Q9NU(MDN1	Midasin OS=Homo sap	32.40	0.00
TRINITY_sp|Q9VK(alial	Aurora kinase B OS=	32.40	0.00
TRINITY_sp|B3EW(-	Hephaestin-like pro	32.40	0.00
TRINITY_sp|Q9ZT(RKS1	G-type lectin S-rec	32.40	0.00
TRINITY_sp|A4UM(TFIP11	Tuftelin-interactin	32.40	0.00
TRINITY_sp|Q4PA(CLU1	Clustered mitochond	32.30	0.00
TRINITY_sp|B0M0(gefL	Ras guanine nucleot	32.30	0.00
TRINITY_sp|Q8N6(METTLL13	Methyltransferase-1	32.30	0.00
TRINITY_sp|P091(P4HB	Protein disulfide-i	32.30	0.00
TRINITY_sp|P253(YGL010W	Uncharacterized end	32.30	0.00
TRINITY_sp|P212(GSTM3	Glutathione S-trans	32.30	0.00
TRINITY_sp|Q9UL(IPLEKHG1	Pleckstrin homology	32.30	0.00
TRINITY_sp|P232(fixL	Sensor protein FixL	32.30	0.00
TRINITY_sp|P273(sol	Calpain-D OS=Drosop	32.30	0.00
TRINITY_sp|O974(-	Polygalacturonase O	32.30	0.00
TRINITY_sp|P583(arcB	Aerobic respiration	32.30	0.00
TRINITY_sp|Q86A(DDB_G02	Recoverin family pr	32.30	0.00
TRINITY_sp|Q55C(gtaG	GATA zinc finger do	32.30	0.00
TRINITY_sp|Q7TP(Rps6ka6	Ribosomal protein S	32.30	0.00
TRINITY_sp|Q54T(mybC	Myb-like protein C	32.30	0.00
TRINITY_sp|Q125(SET6	Potential protein 1	32.30	0.00
TRINITY_sp|Q5W6(MAN5	Putative mannan end	32.30	0.00
TRINITY_sp|Q5JJ(Os01g054	Protein kinase and	32.30	0.00
TRINITY_sp|Q6ZF(ADL1	Calpain-type cystei	32.30	0.00
TRINITY_sp|Q6NY(rngtt	mRNA-capping enzyme	32.30	0.00
TRINITY_sp|Q6DD(gats12	GATS-like protein 2	32.30	0.00
TRINITY_sp|Q9SR(RAF1.2	Rubisco accumulatio	32.30	0.00
TRINITY_sp|F4JT(ISTY46	Serine/threonine-pr	32.30	0.00
TRINITY_sp|Q8H0(UPL2	E3 ubiquitin-protei	32.30	0.00
TRINITY_sp|Q426(GLN1	Glutamine synthetas	32.30	0.00
TRINITY_sp|P0CE(talA	Talin-A OS=Dictyost	32.30	0.00
TRINITY_sp|O758(CAPN15	Calpain-15 OS=Homo	32.30	0.00
TRINITY_sp|A9AB(rnz	Ribonuclease Z OS=M	32.30	0.00
TRINITY_sp|Q99P(Arl4d	ADP-ribosylation fa	32.30	0.00
TRINITY_sp|Q1ZX(DDB_G02	Sphingomyelinase DD	32.30	0.00

TRINITY_sp|Q9LD\FKBP17-2	Peptidyl-prolyl cis	32.30	0.00
TRINITY_sp|Q2RB\CIPK15	CBL-interacting pro	32.30	0.00
TRINITY_sp|Q9SV\At4g1378	Methionine--tRNA li	32.30	0.00
TRINITY_sp|Q8IU\CBWD2	COBW domain-contain	32.30	0.00
TRINITY_sp|Q8W4\VHA-a3	V-type proton ATPas	32.30	0.00
TRINITY_sp|Q54Q\DDB_G028	LMBR1 domain-contai	32.30	0.00
TRINITY_sp|Q8VX\XEG113	Arabinosyltransfera	32.30	0.00
TRINITY_sp|Q6CF\CBK1	Serine/threonine-pr	32.30	0.00
TRINITY_sp|Q6T4\rbra	Probable E3 ubiquit	32.30	0.00
TRINITY_sp|P517\CLCN2	Chloride channel pr	32.30	0.00
TRINITY_sp|Q54R\DDB_G028	Probable serine/thr	32.30	0.00
TRINITY_sp|Q5UQ\MIMI_R88	Uncharacterized pro	32.30	0.00
TRINITY_sp|Q5ZL\CSNK1E	Casein kinase I iso	32.30	0.00
TRINITY_sp|O076\yhfk	Uncharacterized sug	32.30	0.00
TRINITY_sp|P9WM\MT3116	Glycogen synthase O	32.30	0.00
TRINITY_sp|Q55G\DDB_G028	Probable serine/thr	32.30	0.00
TRINITY_sp|Q9M2\At3g6132	UPF0187 protein At3	32.30	0.00
TRINITY_sp|Q9VM\lid	Lysine-specific dem	32.30	0.00
TRINITY_sp|Q554\IDDB_G027	Probable inactive s	32.30	0.00
TRINITY_sp|B7Q5\ISCW0218	Queuine tRNA-ribosy	32.30	0.00
TRINITY_sp|Q9LY\VLUL1	Probable E3 ubiquit	32.30	0.00
TRINITY_sp|P387\YHL008C	Uncharacterized tra	32.30	0.00
TRINITY_sp|P539\YNL011C	Uncharacterized pro	32.30	0.00
TRINITY_sp|Q96S\SIN3A	Paired amphipathic	32.30	0.00
TRINITY_sp|Q9KL\fluxQ	Autoinducer 2 senso	32.30	0.00
TRINITY_sp|B2GU\Man1b1	Endoplasmic reticul	32.30	0.00
TRINITY_sp|Q017\GLX	Aldehyde oxidase GL	32.30	0.00
TRINITY_sp|Q030\Pkg21D	cGMP-dependent prot	32.30	0.00
TRINITY_sp|Q9NK\vmfeA	Peroxisomal multifu	32.30	0.00
TRINITY_sp|Q997\ABCA3	ATP-binding cassett	32.30	0.00
TRINITY_sp|Q8BK\Ipo5	Importin-5 OS=Mus m	32.30	0.00
TRINITY_sp|Q6L4\MSH5	DNA mismatch repair	32.30	0.00
TRINITY_sp|P009\glnA	Glutamine synthetas	32.30	0.00
TRINITY_sp|Q54L\fvps13A	Putative vacuolar p	32.30	0.00
TRINITY_sp|Q9SG\RDR6	RNA-dependent RNA p	32.30	0.00
TRINITY_sp|Q54R\sg1A	Sphingosine-1-phosp	32.20	0.00
TRINITY_sp|Q9SL\At2g2562	Probable protein ph	32.20	0.00
TRINITY_sp|P597\hiflan	Hypoxia-inducible f	32.20	0.00
TRINITY_sp|Q54P\veif2a	Eukaryotic translat	32.20	0.00
TRINITY_sp|P597\hiflan	Hypoxia-inducible f	32.20	0.00
TRINITY_sp|P070\LIPF	Gastric triacylglyc	32.20	0.00
TRINITY_sp|O188\AOAH	Acyloxyacyl hydrola	32.20	0.00
TRINITY_sp|P341\pkgC	Protein kinase 3 OS	32.20	0.00
TRINITY_sp|Q9Y0\itr-1	Inositol 1,4,5-tris	32.20	0.00
TRINITY_sp|Q5ZJ\FULK3	Serine/threonine-pr	32.20	0.00
TRINITY_sp|P758\hcr	NADH oxidoreductase	32.20	0.00
TRINITY_sp|O283\AF_1954	Putative amidase AF	32.20	0.00
TRINITY_sp|O805\At2g4466	Probable dolichyl p	32.20	0.00
TRINITY_sp|P870\teal	Tip elongation aber	32.20	0.00
TRINITY_sp|Q9SF\PAP15	Purple acid phospho	32.20	0.00
TRINITY_sp|Q050\TAF9	Transcription initi	32.20	0.00
TRINITY_sp|Q7TS\Enkd1	Enkurin domain-cont	32.20	0.00
TRINITY_sp|Q9Z0\Lipa	Lysosomal acid lipa	32.20	0.00
TRINITY_sp|D2H8\DCLRE1B	5' exonuclease Apol	32.20	0.00
TRINITY_sp|A8I4\FAP100	Cilia- and flagella	32.20	0.00
TRINITY_sp|Q8KB\acsA	Acetyl-coenzyme A s	32.20	0.00

TRINITY_sp|Q9P2FDISP3	Protein dispatched	32.20	0.00
TRINITY_sp|Q80XC(Usp6n1	USP6 N-terminal-lik	32.20	0.00
TRINITY_sp|O6099(cula	Cullin-1 OS=Dictyos	32.20	0.00
TRINITY_sp|Q3V3(Lace1	Lactation elevated	32.20	0.00
TRINITY_sp|Q9SK(ARI10	Probable E3 ubiquit	32.20	0.00
TRINITY_sp|P0AE(HynaI	Low conductance mec	32.20	0.00
TRINITY_sp|Q9S7(MKK2	Mitogen-activated p	32.20	0.00
TRINITY_sp|Q1ZX(HgacM	Rho GTPase-activati	32.20	0.00
TRINITY_sp|Q93V(VCL1	Protein VACUOLELESS	32.20	0.00
TRINITY_sp|Q8BR(Maats1	Protein MAATS1 OS=M	32.20	0.00
TRINITY_sp|O5576(IIV6-179	Uncharacterized pro	32.20	0.00
TRINITY_sp|P1097-	Retrovirus-related	32.20	0.00
TRINITY_sp|Q2302(unc-51	Serine/threonine-pr	32.20	0.00
TRINITY_sp|Q54P9(osbI	Oxysterol-binding p	32.20	0.00
TRINITY_sp|Q55A(dlpC	Dynammin-like protei	32.20	0.00
TRINITY_sp|P831(Dyrk3	Putative dual speci	32.20	0.00
TRINITY_sp|Q54P9(osbI	Oxysterol-binding p	32.20	0.00
TRINITY_sp|Q1015(trz1	Ribonuclease Z 1 OS	32.20	0.00
TRINITY_sp|P0C6(Prkg1	cGMP-dependent prot	32.20	0.00
TRINITY_sp|Q0947(dpff-1	Zinc finger protein	32.20	0.00
TRINITY_sp|O4884(LUH	Transcriptional cor	32.20	0.00
TRINITY_sp|A8X77(dlk-1	Mitogen-activated p	32.20	0.00
TRINITY_sp|O1535(INPPL1	Phosphatidylinosito	32.20	0.00
TRINITY_sp|Q02P1(PA14_249	Probable lipid kina	32.20	0.00
TRINITY_sp|A8JAM(DRC7	Dynein regulatory c	32.20	0.00
TRINITY_sp|Q5TC6(GRTP1	Growth hormone-regu	32.20	0.00
TRINITY_sp|Q9SL7(At2g2005	Protein phosphatase	32.20	0.00
TRINITY_sp|P7357(slr0889	Uncharacterized pro	32.20	0.00
TRINITY_sp|Q1821(ula-1	NEDD8-activating en	32.20	0.00
TRINITY_sp|Q8GY(IULP1A	Ubiquitin-like-spec	32.10	0.00
TRINITY_sp|Q9ZT4(ATE1	Arginyl-tRNA--prote	32.10	0.00
TRINITY_sp|A2CE1(piwil2	Piwi-like protein 2	32.10	0.00
TRINITY_sp|Q91XI(Osbp11a	Oxysterol-binding p	32.10	0.00
TRINITY_sp|Q9DBV(Cyp4v2	Cytochrome P450 4V2	32.10	0.00
TRINITY_sp|Q9CR7(Exosc5	Exosome complex com	32.10	0.00
TRINITY_sp|O8112(ETR1	Ethylene receptor O	32.10	0.00
TRINITY_sp|G3XM(EazaE	Ketoreductase azaE	32.10	0.00
TRINITY_sp|Q9NR(CPRTFDC1	Phosphoribosyltrans	32.10	0.00
TRINITY_sp|Q0JI4(CIPK11	CBL-interacting pro	32.10	0.00
TRINITY_sp|Q095(C45G9.2	Uncharacterized tRN	32.10	0.00
TRINITY_sp|Q54V1(fhkE	Probable serine/thr	32.10	0.00
TRINITY_sp|Q0JI4(CIPK11	CBL-interacting pro	32.10	0.00
TRINITY_sp|Q2349(asm-2	Sphingomyelin phosp	32.10	0.00
TRINITY_sp|Q9NE9(pph-5	Serine/threonine-pr	32.10	0.00
TRINITY_sp|B5X8M(brcc3	Lys-63-specific deu	32.10	0.00
TRINITY_sp|Q3SY1(PSMD8	26S proteasome non-	32.10	0.00
TRINITY_sp|Q920(Iak5	Adenylate kinase is	32.10	0.00
TRINITY_sp|Q55C7(gdt2	Probable serine/thr	32.10	0.00
TRINITY_sp|B3FW(Hpmp2	Glutathione S-trans	32.10	0.00
TRINITY_sp|B9DH1(ARIA	ARM REPEAT PROTEIN	32.10	0.00
TRINITY_sp|Q8C7(FUba6	Ubiquitin-like modi	32.10	0.00
TRINITY_sp|Q9DBV(Cyp4v2	Cytochrome P450 4V2	32.10	0.00
TRINITY_sp|F4IN(GGP4	Gamma-glutamyl pept	32.10	0.00
TRINITY_sp|Q54R1(dhkL	Hybrid signal trans	32.10	0.00
TRINITY_sp|O2255(STY8	Serine/threonine-pr	32.10	0.00
TRINITY_sp|P219(cglf	Glucose facilitated	32.10	0.00

TRINITY_sp|Q8CI3Cwf1911	CWF19-like protein	32.10	0.00
TRINITY_sp|Q6YY7NEK6	Serine/threonine-pr	32.10	0.00
TRINITY_sp|Q74Z5GPI13	GPI ethanolamine ph	32.10	0.00
TRINITY_sp|Q9CS7Ecd	Protein ecdysoeles	32.10	0.00
TRINITY_sp|O758(CAPN15	Calpain-15 OS=Homo	32.10	0.00
TRINITY_sp|D4GP3HVO_B002	D-xylose 1-dehydrog	32.10	0.00
TRINITY_sp|P3901MPT5	Suppressor protein	32.10	0.00
TRINITY_sp|Q9TW2myoM	Myosin-M heavy chai	32.10	0.00
TRINITY_sp|Q0979kri1	Protein kri1 OS=Sch	32.10	0.00
TRINITY_sp|Q8K0UHspa12a	Heat shock 70 kDa p	32.10	0.00
TRINITY_sp|Q9Y2VKCNIP3	Calsenilin OS=Homo	32.10	0.00
TRINITY_sp|Q7KWNiunH	Inosine-uridine-pre	32.10	0.00
TRINITY_sp|Q5956ptrB	Protease 2 OS=Morax	32.10	0.00
TRINITY_sp|P4981TSC2	Tuberin OS=Homo sap	32.10	0.00
TRINITY_sp|Q8R01Sec1414	SEC14-like protein	32.10	0.00
TRINITY_sp|O2217PAB4	Polyadenylate-bindi	32.10	0.00
TRINITY_sp|P2529PHO84	Inorganic phosphate	32.10	0.00
TRINITY_sp|Q8ND1RCBTB1	RCC1 and BTB domain	32.10	0.00
TRINITY_sp|Q10K1CAMK1	Calcium/calmodulin-	32.10	0.00
TRINITY_sp|O6244Y43F4A.1	Leishmanolysin-like	32.10	0.00
TRINITY_sp|Q54LEabcC5	ABC transporter C f	32.10	0.00
TRINITY_sp|Q9RR1menG	Demethylmenaquinone	32.10	0.00
TRINITY_sp|Q9FG1RKD3	Protein RKD3 OS=Ara	32.10	0.00
TRINITY_sp|Q55GUDDB_G026	Probable serine/thr	32.10	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	32.10	0.00
TRINITY_sp|F4HY4At1g4865	DEXH-box ATP-depend	32.10	0.00
TRINITY_sp|Q8LP1R1	Alpha-glucan water	32.10	0.00
TRINITY_sp|Q2KI(PHOSPHO2	Pyridoxal phosphate	32.10	0.00
TRINITY_sp|B0TA5rp1I	50S ribosomal prote	32.10	0.00
TRINITY_sp|Q6ES1HATB	Probable histone ac	32.10	0.00
TRINITY_sp|O004(SLC33A1	Acetyl-coenzyme A t	32.10	0.00
TRINITY_sp|Q9JJIlancl2	LanC-like protein 2	32.10	0.00
TRINITY_sp|Q9XF1MSBP1	Membrane steroid-bi	32.10	0.00
TRINITY_sp|Q54D1abcA9	ABC transporter A f	32.10	0.00
TRINITY_sp|Q8S11Os01g092	Probable glucuronos	32.10	0.00
TRINITY_sp|Q54T5yipf1	Protein YIPF1 homol	32.10	0.00
TRINITY_sp|O0274GUCY2F	Retinal guanylyl cy	32.10	0.00
TRINITY_sp|O1917UNC119	Protein unc-119 hom	32.10	0.00
TRINITY_sp|Q55A(DDB_G027	Probable serine/thr	32.10	0.00
TRINITY_sp|Q044(Adcy5	Adenylate cyclase t	32.10	0.00
TRINITY_sp|Q8LQ5GLU8	Endoglucanase 3 OS=	32.10	0.00
TRINITY_sp|Q9H01TOLLIP	Toll-interacting pr	32.00	0.00
TRINITY_sp|Q6DE7slc25a38	Solute carrier fami	32.00	0.00
TRINITY_sp|C4R19VPS10	Vacuolar protein so	32.00	0.00
TRINITY_sp|O3501yogA	Uncharacterized zin	32.00	0.00
TRINITY_sp|A0PQ2MUL_2009	Probable phthiotrio	32.00	0.00
TRINITY_sp|Q6GP5naa50	N-alpha-acetyltrans	32.00	0.00
TRINITY_sp|A8GVIrp1O	50S ribosomal prote	32.00	0.00
TRINITY_sp|Q167(MAN2A1	Alpha-mannosidase 2	32.00	0.00
TRINITY_sp|P2967SF3	Pollen-specific pro	32.00	0.00
TRINITY_sp|O7483pet127	mRNA degradation pr	32.00	0.00
TRINITY_sp|O5253cah	Carbonic anhydrase	32.00	0.00
TRINITY_sp|Q5F37YOD1	Ubiquitin thioester	32.00	0.00
TRINITY_sp|Q9VDImeigo	Solute carrier fami	32.00	0.00
TRINITY_sp|Q0041SEN1	Helicase SEN1 OS=Sa	32.00	0.00
TRINITY_sp|Q8K35Pigu	Phosphatidylinosito	32.00	0.00

TRINITY_sp|Q8WU|SLC25A4	Solute carrier fami	32.00	0.00
TRINITY_sp|Q9LQ|RAD51D	DNA repair protein	32.00	0.00
TRINITY_sp|O745|SPCC970	Uncharacterized ino	32.00	0.00
TRINITY_sp|P546|pikD	Phosphatidylinosito	32.00	0.00
TRINITY_sp|Q9SJC|CML31	Probable calcium-bi	32.00	0.00
TRINITY_sp|Q5XI|March10	Probable E3 ubiquit	32.00	0.00
TRINITY_sp|P231|todF	2-hydroxy-6-oxo-2,4	32.00	0.00
TRINITY_sp|Q9VC|CG7048	Probable prefoldin	32.00	0.00
TRINITY_sp|P0CM|CWC25	Pre-mRNA-splicing f	32.00	0.00
TRINITY_sp|P538|PDR17	Phosphatidylinosito	32.00	0.00
TRINITY_sp|Q1ZX|DDB_G02	PH domain-containin	32.00	0.00
TRINITY_sp|Q54D|DDB_G02	von Willebrand fact	32.00	0.00
TRINITY_sp|Q9SK|ARI10	Probable E3 ubiquit	32.00	0.00
TRINITY_sp|O137|SPAC17A2	Putative metal ion	32.00	0.00
TRINITY_sp|O647|At2g301	Probable protein ph	32.00	0.00
TRINITY_sp|P0CM|ATG2	Autophagy-related p	32.00	0.00
TRINITY_sp|Q163|PDCD2	Programmed cell dea	32.00	0.00
TRINITY_sp|P426|VCP	Vitellogenic carbox	32.00	0.00
TRINITY_sp|Q86C|dhkK	Hybrid signal trans	32.00	0.00
TRINITY_sp|Q9C0|DNAH6	Dynein heavy chain	32.00	0.00
TRINITY_sp|Q82D|SAV_512	UPF0301 protein SAV	32.00	0.00
TRINITY_sp|O044|At1g096	Probable elongation	32.00	0.00
TRINITY_sp|Q6ET|Os02g01	Probable protein ph	32.00	0.00
TRINITY_sp|Q80X|Ttc28	Tetratricopeptide r	32.00	0.00
TRINITY_sp|O758|CAPN15	Calpain-15 OS=Homo	32.00	0.00
TRINITY_sp|Q8BL|Slc25a2	Mitochondrial basic	32.00	0.00
TRINITY_sp|Q9ES|Sel11	Protein sel-1 homol	32.00	0.00
TRINITY_sp|Q96H|SGSM3	Small G protein sig	32.00	0.00
TRINITY_sp|Q9SR|LPA1	Protein LOW PSII AC	32.00	0.00
TRINITY_sp|Q9H9|MARCH7	E3 ubiquitin-protei	32.00	0.00
TRINITY_sp|C9WMM-	Venom serine carbox	32.00	0.00
TRINITY_sp|Q8NF|BBS1	Bardet-Biedl syndro	32.00	0.00
TRINITY_sp|P358|BDF1	Bromodomain-contain	32.00	0.00
TRINITY_sp|Q7LH|TY3B-I	Transposon Ty3-I Ga	32.00	0.00
TRINITY_sp|Q93W|NFS2	Cysteine desulfuras	32.00	0.00
TRINITY_sp|Q5ZJ|HULK3	Serine/threonine-pr	32.00	0.00
TRINITY_sp|Q6T3|Npc111	Niemann-Pick C1-lik	32.00	0.00
TRINITY_sp|Q9FE|DSP4	Phosphoglucan phosp	32.00	0.00
TRINITY_sp|Q628|Pcsk7	Proprotein converta	32.00	0.00
TRINITY_sp|F4IV|IGRV2	DnaJ homolog subfam	32.00	0.00
TRINITY_sp|Q9W4|dnc	cAMP-specific 3',5'	32.00	0.00
TRINITY_sp|Q6U1|CMT1	Alpha-1,3-mannosylt	32.00	0.00
TRINITY_sp|P436|RMD8	Sporulation protein	32.00	0.00
TRINITY_sp|Q86U|VN4BP2	NEDD4-binding prote	32.00	0.00
TRINITY_sp|O149|PLD2	Phospholipase D2 OS	31.90	0.00
TRINITY_sp|O749|toa2	Transcription initi	31.90	0.00
TRINITY_sp|Q3UR|Tgfbrap1	Transforming growth	31.90	0.00
TRINITY_sp|Q54M|mrkB	Probable serine/thr	31.90	0.00
TRINITY_sp|Q6IM|alrA	Aldose reductase A	31.90	0.00
TRINITY_sp|Q091|cds1	Serine/threonine-pr	31.90	0.00
TRINITY_sp|Q550|DDB_G02	Probable serine/thr	31.90	0.00
TRINITY_sp|O075|yhdW	Putative glyceropho	31.90	0.00
TRINITY_sp|Q9WU|Pus1	tRNA pseudouridine	31.90	0.00
TRINITY_sp|Q75W|Vwa5a	von Willebrand fact	31.90	0.00
TRINITY_sp|P774|yqaB	Fructose-1-phospat	31.90	0.00
TRINITY_sp|Q9CQ|Tctex1d2	Tctex1 domain-conta	31.90	0.00

TRINITY_sp|P3516resA	Thiol-disulfide oxi	31.90	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	31.90	0.00
TRINITY_sp|Q4R7FTLL10	Protein polyglycyla	31.90	0.00
TRINITY_sp|O8881Acs15	Long-chain-fatty-ac	31.90	0.00
TRINITY_sp|Q54E7abpF	Actin-binding prote	31.90	0.00
TRINITY_sp|P9068-	Actin OS=Brugia mal	31.90	0.00
TRINITY_sp|B7U17ABAP1	ARMADILLO BTB ARABI	31.90	0.00
TRINITY_sp|Q54E7gr1E	Metabotropic glutam	31.90	0.00
TRINITY_sp|P1689gpaA	Guanine nucleotide-	31.90	0.00
TRINITY_sp|Q2G16plc	1-phosphatidylinosi	31.90	0.00
TRINITY_sp|P4271dmpM	O-demethylpuromycin	31.90	0.00
TRINITY_sp|P4289ECE1	Endothelin-converti	31.90	0.00
TRINITY_sp|Q4247CPK3	Calcium-dependent p	31.90	0.00
TRINITY_sp|Q550FDDB_G027	Probable serine/thr	31.90	0.00
TRINITY_sp|Q8N51DHRSX	Dehydrogenase/reduc	31.90	0.00
TRINITY_sp|O5190fes	Enterochelin estera	31.90	0.00
TRINITY_sp|P2006Hexb	Beta-hexosaminidase	31.90	0.00
TRINITY_sp|Q9K9FaceA	Isocitrate lyase OS	31.90	0.00
TRINITY_sp|A8I4FFAP100	Cilia- and flagella	31.90	0.00
TRINITY_sp|Q7JW1CG11007	Thioredoxin-related	31.90	0.00
TRINITY_sp|Q2XVfscn4ab	Sodium channel prot	31.90	0.00
TRINITY_sp|Q9JL0Capn15	Calpain-15 OS=Mus m	31.90	0.00
TRINITY_sp|Q5560bip1-1	Luminal-binding pro	31.90	0.00
TRINITY_sp|Q9DCMethel	Persulfide dioxygen	31.90	0.00
TRINITY_sp|Q8BR0Maats1	Protein MAATS1 OS=M	31.90	0.00
TRINITY_sp|Q9JI7Sphk2	Sphingosine kinase	31.90	0.00
TRINITY_sp|Q5646CAPH	Condensin complex s	31.90	0.00
TRINITY_sp|Q9ZG1pikAI	Narbonolide/10-deox	31.90	0.00
TRINITY_sp|Q8VY0SWI3D	SWI/SNF complex sub	31.90	0.00
TRINITY_sp|O1387utp17	U3 small nucleolar	31.90	0.00
TRINITY_sp|P0C10Os05g012	Endoglucanase 14 OS	31.90	0.00
TRINITY_sp|Q9LVMTTL	Uric acid degradati	31.90	0.00
TRINITY_sp|Q4PF8UMAG_012	Eukaryotic translat	31.90	0.00
TRINITY_sp|Q55G8abkC	Probable serine/thr	31.90	0.00
TRINITY_sp|Q8LLIREP	Rab escort protein	31.90	0.00
TRINITY_sp|O1882AOAH	Acyloxyacyl hydroly	31.90	0.00
TRINITY_sp|P1829Npr1	Atrial natriuretic	31.90	0.00
TRINITY_sp|Q9V0\utuf	Elongation factor 1	31.90	0.00
TRINITY_sp|F4ILFAt2g3592	DEXH-box ATP-depend	31.90	0.00
TRINITY_sp|P0446-	Calmodulin OS=Triti	31.90	0.00
TRINITY_sp|O7558RPS6KA5	Ribosomal protein S	31.80	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	31.80	0.00
TRINITY_sp|Q6T93fibpb	Acidic fibroblast g	31.80	0.00
TRINITY_sp|F4IP1SGR6	Protein SHOOT GRAVI	31.80	0.00
TRINITY_sp|Q5VQIPPT3	Phosphoenolpyruvate	31.80	0.00
TRINITY_sp|Q8C43Pex51	PEX5-related protei	31.80	0.00
TRINITY_sp|Q9BS0ESYT1	Extended synaptotag	31.80	0.00
TRINITY_sp|P5052vps34	Phosphatidylinosito	31.80	0.00
TRINITY_sp|Q5JL5CIPK12	CBL-interacting pro	31.80	0.00
TRINITY_sp|Q6P67nup35	Nucleoporin NUP53 O	31.80	0.00
TRINITY_sp|Q32PERANGRF	Ran guanine nucleot	31.80	0.00
TRINITY_sp|P3194STIP1	Stress-induced-phos	31.80	0.00
TRINITY_sp|Q1108tmbi-4	Transmembrane BAX i	31.80	0.00
TRINITY_sp|Q9QY0Dnajb1	DnaJ homolog subfam	31.80	0.00
TRINITY_sp|O6212tag-175	Transmembrane prote	31.80	0.00
TRINITY_sp|Q61Y0CBG03556	Leishmanolysin-like	31.80	0.00

TRINITY_sp|O0431NSP3	Nitrile-specifier p	31.80	0.00
TRINITY_sp|Q1111ubp14	Ubiquitin carboxyl-	31.80	0.00
TRINITY_sp|Q7TM1Eri1	3'-5' exoribonuclea	31.80	0.00
TRINITY_sp|P3061svop-1	Putative transporte	31.80	0.00
TRINITY_sp|Q54D1DDB_G021	Serine carboxypepti	31.80	0.00
TRINITY_sp|Q5591DDB_G021	Probable serine/thr	31.80	0.00
TRINITY_sp|O4281bub3	Mitotic checkpoint	31.80	0.00
TRINITY_sp|Q5R51SERINC3	Serine incorporator	31.80	0.00
TRINITY_sp|Q8RVIDEK1	Calpain-type cystei	31.80	0.00
TRINITY_sp|Q9LVVARI4	Putative E3 ubiquit	31.80	0.00
TRINITY_sp|P5811PRKAG1	5'-AMP-activated pr	31.80	0.00
TRINITY_sp|Q9SI1TMK3	Receptor-like kinas	31.80	0.00
TRINITY_sp|Q5XF1Atp13a3	Probable cation-tra	31.80	0.00
TRINITY_sp|Q7LH1TY3B-I	Transposon Ty3-I Ga	31.80	0.00
TRINITY_sp|Q8LC1At4g2961	Thioredoxin-like 2-	31.80	0.00
TRINITY_sp|Q0P41srd5a3	Polyprenol reductas	31.80	0.00
TRINITY_sp|Q54L1fvps13A	Putative vacuolar p	31.80	0.00
TRINITY_sp|Q75J1cpras1	Circularly permutat	31.80	0.00
TRINITY_sp|Q9NW1RBM28	RNA-binding protein	31.80	0.00
TRINITY_sp|Q9UT1SPAC824	Uncharacterized pro	31.80	0.00
TRINITY_sp|Q5531gxcJJ	Rac guanine nucleot	31.80	0.00
TRINITY_sp|Q9US1tim23	Mitochondrial impor	31.80	0.00
TRINITY_sp|P5091AVT4	Vacuolar amino acid	31.80	0.00
TRINITY_sp|Q6FQ1PKAR	cAMP-dependent prot	31.80	0.00
TRINITY_sp|Q6NX1Rcbtb1	RCC1 and BTB domain	31.80	0.00
TRINITY_sp|Q9LU1PNSB3	Photosynthetic NDH	31.80	0.00
TRINITY_sp|F4JJ1ENDO4	Endonuclease 4 OS=A	31.80	0.00
TRINITY_sp|P5311ROG1	Putative lipase ROG	31.80	0.00
TRINITY_sp|Q54T1xpnpep3	Probable Xaa-Pro am	31.80	0.00
TRINITY_sp|Q9LH1LPAT5	Probable 1-acyl-sn-	31.80	0.00
TRINITY_sp|P0411GIP	Copia protein OS=Dr	31.80	0.00
TRINITY_sp|F4JE1NSE4B	Non-structural main	31.80	0.00
TRINITY_sp|Q9UU1gcn5	Histone acetyltrans	31.80	0.00
TRINITY_sp|Q9CX1Dhrs7	Dehydrogenase/reduc	31.80	0.00
TRINITY_sp|Q9SY1HEXO2	Beta-hexosaminidase	31.80	0.00
TRINITY_sp|Q9UN1ABCG2	ATP-binding cassett	31.80	0.00
TRINITY_sp|Q55E1gins4	DNA replication com	31.70	0.00
TRINITY_sp|Q06A1RAB1B	Ras-related protein	31.70	0.00
TRINITY_sp|Q8N41RNF175	RING finger protein	31.70	0.00
TRINITY_sp|Q9VR1HERC2	Probable E3 ubiquit	31.70	0.00
TRINITY_sp|Q9UM1FZR1	Fizzy-related prote	31.70	0.00
TRINITY_sp|Q60D1TPK3	Thiamine pyrophosph	31.70	0.00
TRINITY_sp|O3161metC	Cystathionine beta-	31.70	0.00
TRINITY_sp|Q32L1GRINA	Protein lifeguard 1	31.70	0.00
TRINITY_sp|Q70C1USP34	Ubiquitin carboxyl-	31.70	0.00
TRINITY_sp|Q54Q1wdr89	WD repeat-containin	31.70	0.00
TRINITY_sp|Q54Z1tbcb	Tubulin-specific ch	31.70	0.00
TRINITY_sp|Q55G1DDB_G021	Probable phosphatid	31.70	0.00
TRINITY_sp|Q6FN1STE20	Serine/threonine-pr	31.70	0.00
TRINITY_sp|Q9VY1Cyp4g15	Cytochrome P450 4g1	31.70	0.00
TRINITY_sp|Q8L71At1g3171	AP-4 complex subuni	31.70	0.00
TRINITY_sp|Q96M1AK7	Adenylate kinase 7	31.70	0.00
TRINITY_sp|Q54X1captB	Uncharacterized CDP	31.70	0.00
TRINITY_sp|P5831arcB	Aerobic respiration	31.70	0.00
TRINITY_sp|Q5BD1sip5	Protein sip5 OS=Eme	31.70	0.00
TRINITY_sp|Q9FZ1MAN1	Mannan endo-1,4-bet	31.70	0.00

TRINITY_sp|Q0WK\ULP2A	Probable ubiquitin-	31.70	0.00
TRINITY_sp|F4JJIENDO4	Endonuclease 4 OS=A	31.70	0.00
TRINITY_sp|Q2TX\sym1	Protein sym1 OS=Asp	31.70	0.00
TRINITY_sp|O1421trm10	tRNA (guanine(9)-N1	31.70	0.00
TRINITY_sp|O7534PDCD6	Programmed cell dea	31.70	0.00
TRINITY_sp|Q9HD4PTPRH	Receptor-type tyros	31.70	0.00
TRINITY_sp|W5EP1-	2-carboxy-D-arabini	31.70	0.00
TRINITY_sp|P5505-	Protein disulfide-i	31.70	0.00
TRINITY_sp|O1498BTAF1	TATA-binding protei	31.70	0.00
TRINITY_sp|O6562CAD6	Probable cinnamyl a	31.70	0.00
TRINITY_sp|A8IL\CFAP52	Cilia- and flagella	31.70	0.00
TRINITY_sp|Q54B\DDB_G025	LIMR family protein	31.70	0.00
TRINITY_sp|P0055Mos	Proto-oncogene seri	31.70	0.00
TRINITY_sp|Q0352SCS7	Ceramide very long	31.70	0.00
TRINITY_sp|Q94E\At3g1441	Probable sugar phos	31.70	0.00
TRINITY_sp|Q8N35SLC35F6	Solute carrier fami	31.70	0.00
TRINITY_sp|Q9C77ELP4	Elongator complex p	31.70	0.00
TRINITY_sp|Q0A79rlmL	Ribosomal RNA large	31.70	0.00
TRINITY_sp|Q6ZTF\CFAP47	Cilia- and flagella	31.70	0.00
TRINITY_sp|Q75J5cpras1	Circularly permutat	31.70	0.00
TRINITY_sp|Q8L7(SYT5	Synaptotagmin-5 OS=	31.70	0.00
TRINITY_sp|Q5YL(eg1A	Endoglucanase A OS=	31.70	0.00
TRINITY_sp|Q7FA2LECRK1	G-type lectin S-rec	31.70	0.00
TRINITY_sp|Q55A(DDB_G027	Probable serine/thr	31.70	0.00
TRINITY_sp|Q8I7\ipol	Retrovirus-related	31.70	0.00
TRINITY_sp|Q90Y(ceef1g	Elongation factor 1	31.70	0.00
TRINITY_sp|A8IT\CFAP70	Cilia- and flagella	31.70	0.00
TRINITY_sp|Q9C72TMN6	Transmembrane 9 sup	31.60	0.00
TRINITY_sp|O8856Abcc3	Canalicular multisp	31.60	0.00
TRINITY_sp|Q9FY(TMN11	Transmembrane 9 sup	31.60	0.00
TRINITY_sp|Q6H7\CIPK26	CBL-interacting pro	31.60	0.00
TRINITY_sp|Q9ST\CIPK8	CBL-interacting ser	31.60	0.00
TRINITY_sp|Q86TVADCK1	Uncharacterized aar	31.60	0.00
TRINITY_sp|P5242DGKE	Diacylglycerol kina	31.60	0.00
TRINITY_sp|Q55G5hibch	3-hydroxyisobutyryl	31.60	0.00
TRINITY_sp|Q8IZ6(TRMT2A	tRNA (uracil-5-)-me	31.60	0.00
TRINITY_sp|A1L1Fshq1	Protein SHQ1 homolo	31.60	0.00
TRINITY_sp|Q0VFI\blocls1	Biogenesis of lysos	31.60	0.00
TRINITY_sp|Q54P5osbI	Oxysterol-binding p	31.60	0.00
TRINITY_sp|O0471MSH6	DNA mismatch repair	31.60	0.00
TRINITY_sp|Q54L6clcE	Chloride channel pr	31.60	0.00
TRINITY_sp|Q9QY1Dnajb12	DnaJ homolog subfam	31.60	0.00
TRINITY_sp|P2588rh1E	ATP-dependent RNA h	31.60	0.00
TRINITY_sp|Q2662KAP115	Kinesin-associated	31.60	0.00
TRINITY_sp|F7AS2BTBD3	BTB/POZ domain-cont	31.60	0.00
TRINITY_sp|Q9SC(cbbX	Protein cbbX homolo	31.60	0.00
TRINITY_sp|Q4Z8FRanBPM	Ran-binding protein	31.60	0.00
TRINITY_sp|O9467SPBC776	Uncharacterized mem	31.60	0.00
TRINITY_sp|Q0215plc	1-phosphatidylinosi	31.60	0.00
TRINITY_sp|Q6PD\Fbxo42	F-box only protein	31.60	0.00
TRINITY_sp|Q9C5(AHK4	Histidine kinase 4	31.60	0.00
TRINITY_sp|Q9Z16Vars	Valine--tRNA ligase	31.60	0.00
TRINITY_sp|Q1742trx-2	Probable thioredoxi	31.60	0.00
TRINITY_sp|Q8LP\ALPHAC-2	AP-2 complex subuni	31.60	0.00
TRINITY_sp|Q96HI\DOCK6	Dedicator of cytoki	31.60	0.00
TRINITY_sp|O2602HP_1491	Putative phosphate	31.60	0.00

TRINITY_sp|Q940UFLU	Protein FLUORESCENT	31.60	0.00
TRINITY_sp|P2354-	Ribonuclease MC OS=	31.60	0.00
TRINITY_sp|P9818CYP4F8	Cytochrome P450 4F8	31.60	0.00
TRINITY_sp|Q54R0sbG	Oxysterol-binding p	31.60	0.00
TRINITY_sp|Q9SKCARI10	Probable E3 ubiquit	31.60	0.00
TRINITY_sp|P5217NGTPT	Triose phosphate/ph	31.60	0.00
TRINITY_sp|Q6PHFULK3	Serine/threonine-pr	31.60	0.00
TRINITY_sp|Q54FIgtf2b	Transcription initi	31.60	0.00
TRINITY_sp|Q6NNIATG16	Autophagy-related p	31.60	0.00
TRINITY_sp|Q5ZM1ADCK1	Uncharacterized aar	31.60	0.00
TRINITY_sp|Q4V8IRabepk	Rab9 effector prote	31.60	0.00
TRINITY_sp|P7368sppA	Protease 4 OS=Synec	31.60	0.00
TRINITY_sp|P0CD6pan3	PAB-dependent poly(	31.60	0.00
TRINITY_sp|Q86JEkdelr	ER lumen protein-re	31.60	0.00
TRINITY_sp|Q3U48Mfsd12	Major facilitator s	31.60	0.00
TRINITY_sp|A4W82rihA	Pyrimidine-specific	31.60	0.00
TRINITY_sp|Q7LHCY3B-I	Transposon Ty3-I Ga	31.60	0.00
TRINITY_sp|Q8K2\ Ppp4r1	Serine/threonine-pr	31.60	0.00
TRINITY_sp|Q9M2IAt3g6132	UPF0187 protein At3	31.60	0.00
TRINITY_sp|Q8K2\ Ppp4r1	Serine/threonine-pr	31.60	0.00
TRINITY_sp|Q86G4gefQ	Ras guanine nucleot	31.60	0.00
TRINITY_sp|Q9256RAPGEF5	Rap guanine nucleot	31.60	0.00
TRINITY_sp|Q499UTmco4	Transmembrane and c	31.60	0.00
TRINITY_sp|Q9Y5ICTDP1	RNA polymerase II s	31.60	0.00
TRINITY_sp|Q227(sym-2	RNA-binding protein	31.60	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	31.60	0.00
TRINITY_sp|P5456yqkD	Uncharacterized pro	31.60	0.00
TRINITY_sp|Q0WP2GLE1	Protein GLE1 OS=Ara	31.60	0.00
TRINITY_sp|Q8048mib1	E3 ubiquitin-protei	31.60	0.00
TRINITY_sp|Q3E68CpNIFS3	Probable L-cysteine	31.60	0.00
TRINITY_sp|Q55GUDDB_G026	Probable serine/thr	31.60	0.00
TRINITY_sp|Q5ZHMCHMP2A	Charged multivesicu	31.60	0.00
TRINITY_sp|P1089PLCD1	1-phosphatidylinosi	31.60	0.00
TRINITY_sp|Q1357IQGAP2	Ras GTPase-activati	31.60	0.00
TRINITY_sp|Q7YXI p80	Protein P80 OS=Dict	31.60	0.00
TRINITY_sp|Q5ZLVNSUN2	tRNA (cytosine(34)-	31.60	0.00
TRINITY_sp|P4038exo2	5'-3' exoribonuclea	31.60	0.00
TRINITY_sp|Q9LX3GCN2	eIF-2-alpha kinase	31.50	0.00
TRINITY_sp|Q9C17SPAP32A8	Uncharacterized RIN	31.50	0.00
TRINITY_sp|Q54Z1plbE	Phospholipase B-lik	31.50	0.00
TRINITY_sp|Q99LNCdk5rap3	CDK5 regulatory sub	31.50	0.00
TRINITY_sp|Q564FCAPH	Condensin complex s	31.50	0.00
TRINITY_sp|A6QP8METTL21C	Protein-lysine meth	31.50	0.00
TRINITY_sp|Q6DCIdym	Dymeclin OS=Xenopus	31.50	0.00
TRINITY_sp|B0F9IGC6	Golgin candidate 6	31.50	0.00
TRINITY_sp|E9PZ3Ascc3	Activating signal c	31.50	0.00
TRINITY_sp|Q0597-	Sodium channel prot	31.50	0.00
TRINITY_sp|Q55DVgacZ	Rho GTPase-activati	31.50	0.00
TRINITY_sp|Q7RJCCKP4	Calcium-dependent p	31.50	0.00
TRINITY_sp|Q9LSIFCCB1	Protein COFACTOR AS	31.50	0.00
TRINITY_sp|P6234CPK4	Calcium-dependent p	31.50	0.00
TRINITY_sp|P7586ycbX	Uncharacterized pro	31.50	0.00
TRINITY_sp|Q5AC7RAD5	DNA repair protein	31.50	0.00
TRINITY_sp|Q08DJ PUS7	Pseudouridylate syn	31.50	0.00
TRINITY_sp|Q54L3ku80	X-ray repair cross-	31.50	0.00
TRINITY_sp|P3029WEE1	Wee1-like protein k	31.50	0.00

TRINITY_sp|Q58C\FAM213B	Prostamide/prostagl	31.50	0.00
TRINITY_sp|Q8WZ\Fibp1	Dual specificity ph	31.50	0.00
TRINITY_sp|P547\Tango2	Transport and Golgi	31.50	0.00
TRINITY_sp|O671\aq_1088	Uncharacterized pro	31.50	0.00
TRINITY_sp|O887\Alg10b	Putative Dol-P-Glc:	31.50	0.00
TRINITY_sp|Q559\slr0305	TVP38/TMEM64 family	31.50	0.00
TRINITY_sp|Q9SY\GGH1	Gamma-glutamyl hydr	31.50	0.00
TRINITY_sp|Q5UP\MIMI_R2	Uncharacterized pro	31.50	0.00
TRINITY_sp|Q9FI\NIP4-1	Putative aquaporin	31.50	0.00
TRINITY_sp|Q56Y\PLR1	Pyridoxal reductase	31.50	0.00
TRINITY_sp|Q86C\dhkK	Hybrid signal trans	31.50	0.00
TRINITY_sp|Q55A\DDB_G02	Probable serine/thr	31.50	0.00
TRINITY_sp|P100\w	Protein white OS=Dr	31.50	0.00
TRINITY_sp|Q54M\mcfB	Mitochondrial subst	31.50	0.00
TRINITY_sp|P944\yciC	Putative metal chap	31.50	0.00
TRINITY_sp|O941\SNF1	Carbon catabolite-d	31.50	0.00
TRINITY_sp|B1AZ\Otud3	OTU domain-containi	31.50	0.00
TRINITY_sp|Q94K\IVPS52	Vacuolar protein so	31.50	0.00
TRINITY_sp|Q75J\cpras1	Circularly permutat	31.50	0.00
TRINITY_sp|Q9SZ\FACA10	Calcium-transportin	31.50	0.00
TRINITY_sp|Q201\gcs-1	Glutamate--cysteine	31.50	0.00
TRINITY_sp|P543\CkIalpha	Casein kinase I iso	31.50	0.00
TRINITY_sp|Q70L\lgrD	Linear gramicidin s	31.50	0.00
TRINITY_sp|Q923\ssb2	Replication factor	31.50	0.00
TRINITY_sp|Q0JI\CIPK11	CBL-interacting pro	31.50	0.00
TRINITY_sp|Q8VY\CCR4-6	Carbon catabolite r	31.50	0.00
TRINITY_sp|Q9M2\LPDP	Lipid phosphate pho	31.50	0.00
TRINITY_sp|Q2NL\PARP6	Poly [ADP-ribose] p	31.50	0.00
TRINITY_sp|Q8L7\BSL1	Serine/threonine-pr	31.50	0.00
TRINITY_sp|Q633\Nfkb1	Nuclear factor NF-k	31.50	0.00
TRINITY_sp|Q8CG\Smc5	Structural maintena	31.50	0.00
TRINITY_sp|Q8N6\OTUD6B	OTU domain-containi	31.50	0.00
TRINITY_sp|Q5TJ\forF	Formin-F OS=Dictyos	31.50	0.00
TRINITY_sp|Q54E\abpF	Actin-binding prote	31.50	0.00
TRINITY_sp|Q2MH\HT1	Serine/threonine-pr	31.50	0.00
TRINITY_sp|P370\last	Uncharacterized tRN	31.50	0.00
TRINITY_sp|Q460\PARP15	Poly [ADP-ribose] p	31.50	0.00
TRINITY_sp|Q7TS\Nsun6	Putative methyltran	31.50	0.00
TRINITY_sp|Q8BQ\Zdhhc14	Probable palmitoylt	31.50	0.00
TRINITY_sp|Q6Q2\MAOA	Amine oxidase [flav	31.50	0.00
TRINITY_sp|O759\CPD	Carboxypeptidase D	31.50	0.00
TRINITY_sp|O287\tspO	Tryptophan-rich pro	31.50	0.00
TRINITY_sp|P067\CMD1	Calmodulin OS=Sacch	31.50	0.00
TRINITY_sp|Q6ZF\ADL1	Calpain-type cystei	31.50	0.00
TRINITY_sp|O044\At1g096	Probable elongation	31.50	0.00
TRINITY_sp|P357\-	Pathogenesis-relate	31.40	0.00
TRINITY_sp|Q7ZW\Nt5c3b-ε7	methylguanosine p	31.40	0.00
TRINITY_sp|Q54FV\DDB_G02	WD repeat-containin	31.40	0.00
TRINITY_sp|Q9SL\Os05g01	Importin subunit al	31.40	0.00
TRINITY_sp|Q5PP\rnf170	E3 ubiquitin-protei	31.40	0.00
TRINITY_sp|P586\At2g399	Probable signal pep	31.40	0.00
TRINITY_sp|Q121\SPC3	Signal peptidase co	31.40	0.00
TRINITY_sp|P220\Pcmt1	Protein-L-isoaspart	31.40	0.00
TRINITY_sp|Q7LL\SPCC149	UPF0676 protein C14	31.40	0.00
TRINITY_sp|Q2TB\NSMCE4A	Non-structural main	31.40	0.00
TRINITY_sp|Q0JI\CIPK11	CBL-interacting pro	31.40	0.00

TRINITY_sp|Q86I|ppp4r2	Serine/threonine-pr	31.40	0.00
TRINITY_sp|Q6QA|hsd17b12	Very-long-chain 3-o	31.40	0.00
TRINITY_sp|A0JN|DGKA	Diacylglycerol kina	31.40	0.00
TRINITY_sp|Q54B|vttc27	Tetratricopeptide r	31.40	0.00
TRINITY_sp|Q9VCF|CG17119	Cystinosin homolog	31.40	0.00
TRINITY_sp|Q9XZ|5NUC	Protein 5NUC OS=Lut	31.40	0.00
TRINITY_sp|Q153|EPHA7	Ephrin type-A recep	31.40	0.00
TRINITY_sp|Q9M0|BHLH140	Transcription facto	31.40	0.00
TRINITY_sp|Q96B|EXOSC8	Exosome complex com	31.40	0.00
TRINITY_sp|P0CD|DDB_G02	Probable LIM domain	31.40	0.00
TRINITY_sp|B0VH|kce	3-keto-5-aminohexan	31.40	0.00
TRINITY_sp|P084|SPS1	Sporulation-specifi	31.40	0.00
TRINITY_sp|B9DF|SNX2B	Sorting nexin 2B OS	31.40	0.00
TRINITY_sp|Q9P8|tcsA	Two-component syste	31.40	0.00
TRINITY_sp|Q8VI|Abcc2	Canalicular multisp	31.40	0.00
TRINITY_sp|Q84X|GTE1	Transcription facto	31.40	0.00
TRINITY_sp|Q55D|gacZ	Rho GTPase-activati	31.40	0.00
TRINITY_sp|Q9N0|ABC11	Bile salt export pu	31.40	0.00
TRINITY_sp|Q9FN|(UVR8	Ultraviolet-B recep	31.40	0.00
TRINITY_sp|Q54N|(forH	Formin-H OS=Dictyos	31.40	0.00
TRINITY_sp|Q925|(RAPGEF5	Rap guanine nucleot	31.40	0.00
TRINITY_sp|Q8BT|Scfd2	Sec1 family domain-	31.40	0.00
TRINITY_sp|F4IU|UPF2	Regulator of nonsen	31.40	0.00
TRINITY_sp|Q7Z2|ZC3HAV1	Zinc finger CCCH-ty	31.40	0.00
TRINITY_sp|G5EB|ceeh-1	Epoxide hydrolase 1	31.40	0.00
TRINITY_sp|Q6NQ|At1g135	LAG1 longevity assu	31.40	0.00
TRINITY_sp|Q9LZ|BIG2	Brefeldin A-inhibit	31.40	0.00
TRINITY_sp|Q9LH|CHR27	Helicase-like trans	31.40	0.00
TRINITY_sp|Q9LH|(At3g206	mRNA cap guanine-N7	31.40	0.00
TRINITY_sp|Q9K9|speA	Arginine decarboxyl	31.40	0.00
TRINITY_sp|Q6AJ|VmsbA	Lipid A export ATP-	31.40	0.00
TRINITY_sp|Q940|SRK2E	Serine/threonine-pr	31.40	0.00
TRINITY_sp|Q5MD|(flt4	Vascular endothelia	31.40	0.00
TRINITY_sp|Q3UZ|Eef2kmt	Protein-lysine N-me	31.40	0.00
TRINITY_sp|Q5ZL|DCAF13	DDB1- and CUL4-asso	31.40	0.00
TRINITY_sp|Q928|ABCC2	Canalicular multisp	31.40	0.00
TRINITY_sp|Q020|(PSBS	Photosystem II 22 k	31.40	0.00
TRINITY_sp|P427|dmpM	O-demethylpuromycin	31.40	0.00
TRINITY_sp|Q2NK|(PSMG3	Proteasome assembly	31.40	0.00
TRINITY_sp|O086|(Tep1	Telomerase protein	31.40	0.00
TRINITY_sp|O430|(rpa43	DNA-directed RNA po	31.40	0.00
TRINITY_sp|Q9FG|(MNS4	Alpha-mannosidase I	31.40	0.00
TRINITY_sp|O938|(BET4	Geranylgeranyl tran	31.30	0.00
TRINITY_sp|Q918|(melk	Maternal embryonic	31.30	0.00
TRINITY_sp|Q084|(CKA2	Casein kinase II su	31.30	0.00
TRINITY_sp|O428|(SPAC8E11	Acyl-protein thioes	31.30	0.00
TRINITY_sp|E4US|(CPYA	Carboxypeptidase Y	31.30	0.00
TRINITY_sp|Q54KI|DDB_G02	TPR repeat-containi	31.30	0.00
TRINITY_sp|Q9SP|TERT	Telomerase reverse	31.30	0.00
TRINITY_sp|Q54Z|(mybH	Myb-like protein H	31.30	0.00
TRINITY_sp|Q6UX|(FAM151B	Protein FAM151B OS=	31.30	0.00
TRINITY_sp|P390|-	D-alanyl-D-alanine	31.30	0.00
TRINITY_sp|Q55B|(dcd1A	Protein dcd1A OS=Di	31.30	0.00
TRINITY_sp|O430|(fap1	L-pipecolate oxidas	31.30	0.00
TRINITY_sp|P511|(Ppox	Protoporphyrinogen	31.30	0.00
TRINITY_sp|A0JP|(Slc39a4	Zinc transporter ZI	31.30	0.00

TRINITY_sp|Q9R1FFzr1	Fizzy-related prote	31.30	0.00
TRINITY_sp|O1377SPAC17A2	Putative metal ion	31.30	0.00
TRINITY_sp|Q5UNSMIMI_R6	Uncharacterized pro	31.30	0.00
TRINITY_sp|Q54M7ku70	ATP-dependent DNA h	31.30	0.00
TRINITY_sp|Q94HHTIF3K1	Eukaryotic translat	31.30	0.00
TRINITY_sp|P3515rluB	Ribosomal large sub	31.30	0.00
TRINITY_sp|Q9D66Cers4	Ceramide synthase 4	31.30	0.00
TRINITY_sp|Q5000TKPR1	Tetraketide alpha-p	31.30	0.00
TRINITY_sp|Q9FPFEDR1	Serine/threonine-pr	31.30	0.00
TRINITY_sp|D4AYVARB_0137	ABC transporter G f	31.30	0.00
TRINITY_sp|Q6538Os06g025	Potassium channel K	31.30	0.00
TRINITY_sp|Q6UV6SASS6	Spindle assembly ab	31.30	0.00
TRINITY_sp|Q54B2DDB_G029	Uncharacterized mem	31.30	0.00
TRINITY_sp|Q6TN6rabl3	Rab-like protein 3	31.30	0.00
TRINITY_sp|Q3MD9pcxA	Proton extrusion pr	31.30	0.00
TRINITY_sp|Q6GLVvallyref-k	THO complex subunit	31.30	0.00
TRINITY_sp|P5194MNAT1	CDK-activating kina	31.30	0.00
TRINITY_sp|Q8CG6Thtpa	Thiamine-triphospha	31.30	0.00
TRINITY_sp|Q9FF4ABCG28	ABC transporter G f	31.30	0.00
TRINITY_sp|Q9256Slc8b1	Sodium/potassium/ca	31.30	0.00
TRINITY_sp|Q9ST9APC8	Anaphase-promoting	31.30	0.00
TRINITY_sp|Q81M6speA	Arginine decarboxyl	31.30	0.00
TRINITY_sp|Q5L09mure	UDP-N-acetylmuramoy	31.30	0.00
TRINITY_sp|Q5WE9muts2	Endonuclease Muts2	31.30	0.00
TRINITY_sp|Q7PC7PSD	Exportin-T OS=Arabi	31.30	0.00
TRINITY_sp|Q7T29map3k10	Mitogen-activated p	31.30	0.00
TRINITY_sp|Q5UP2MIMI_R25	Uncharacterized pro	31.20	0.00
TRINITY_sp|Q9LF4PUB1	Probable ubiquitin	31.20	0.00
TRINITY_sp|Q54BMmcfG	Mitochondrial subst	31.20	0.00
TRINITY_sp|Q5KT6Naaa	N-acylethanolamine-	31.20	0.00
TRINITY_sp|Q54DIDDB_G029	Thimet-like oligope	31.20	0.00
TRINITY_sp|P0DK6HSD1	11-beta-hydroxyster	31.20	0.00
TRINITY_sp|A0DS6GSPATT0	Probable protein ph	31.20	0.00
TRINITY_sp|Q7T29sgsm3	Small G protein sig	31.20	0.00
TRINITY_sp|P4126Abca2	ATP-binding cassett	31.20	0.00
TRINITY_sp|Q8RWEUPL6	E3 ubiquitin-protei	31.20	0.00
TRINITY_sp|O9562CNOT4	CCR4-NOT transcript	31.20	0.00
TRINITY_sp|P3071Gstt2	Glutathione S-trans	31.20	0.00
TRINITY_sp|Q8BK6Ahsa1	Activator of 90 kDa	31.20	0.00
TRINITY_sp|Q9VH1Invadol9	Leishmanolysin-like	31.20	0.00
TRINITY_sp|P6126STX1B	Syntaxin-1B OS=Bos	31.20	0.00
TRINITY_sp|Q8R46Mgl1	Monoglyceride lipas	31.20	0.00
TRINITY_sp|Q0566CTR1	Serine/threonine-pr	31.20	0.00
TRINITY_sp|F4JL6LDL3	Lysine-specific his	31.20	0.00
TRINITY_sp|Q8L76LPEAT1	Lysophospholipid ac	31.20	0.00
TRINITY_sp|Q7TQ6Poln	DNA polymerase nu O	31.20	0.00
TRINITY_sp|Q84SIOs07g056	Zinc finger CCCH do	31.20	0.00
TRINITY_sp|Q96P6ACAP3	Arf-GAP with coiled	31.20	0.00
TRINITY_sp|Q55F6krsB	Serine/threonine-pr	31.20	0.00
TRINITY_sp|Q96J6VPS39	Vam6/Vps39-like pro	31.20	0.00
TRINITY_sp|A6H76ACPP	Prostatic acid phos	31.20	0.00
TRINITY_sp|Q4254UBC13	Ubiquitin-conjugati	31.20	0.00
TRINITY_sp|P3706Por	NADPH--cytochrome P	31.20	0.00
TRINITY_sp|Q2906ITIH1	Inter-alpha-trypsin	31.20	0.00
TRINITY_sp|O8226At2g1979	AP-4 complex subuni	31.20	0.00
TRINITY_sp|Q5596gacU	Rho GTPase-activati	31.20	0.00

TRINITY_sp|Q2QKHU2AF65B	Splicing factor U2a	31.20	0.00
TRINITY_sp|Q5ZJPRPF3	U4/U6 small nuclear	31.20	0.00
TRINITY_sp|P835(ARHGAP3	Rho GTPase-activati	31.20	0.00
TRINITY_sp|O653SYP41	Syntaxin-41 OS=Arab	31.20	0.00
TRINITY_sp|Q8RXIAt1g068	Uncharacterized mem	31.20	0.00
TRINITY_sp|O749POX2	Acyl-coenzyme A oxi	31.20	0.00
TRINITY_sp|O140imt1	Inositol phosphocer	31.20	0.00
TRINITY_sp|Q54THgacY	Rho GTPase-activati	31.20	0.00
TRINITY_sp|Q6BVWIPL1	Spindle assembly ch	31.20	0.00
TRINITY_sp|Q94A(RFS2	Probable galactinol	31.20	0.00
TRINITY_sp|F4J8IRRP5	rRNA biogenesis pro	31.20	0.00
TRINITY_sp|Q9ZKVvd1C	Probable short-chai	31.20	0.00
TRINITY_sp|Q8GYHSULTR4;	Probable sulfate tr	31.20	0.00
TRINITY_sp|P205(CAH1	Carbonic anhydrase	31.20	0.00
TRINITY_sp|O653SYP41	Syntaxin-41 OS=Arab	31.20	0.00
TRINITY_sp|B6CZ(Lrrc51	Leucine-rich repeat	31.20	0.00
TRINITY_sp|Q6L4ISIZ1	E3 SUMO-protein lig	31.20	0.00
TRINITY_sp|Q84JIPPTAC14	Protein PLASTID TRA	31.20	0.00
TRINITY_sp|A7SNV1g2464	(Serine/threonine-pr	31.20	0.00
TRINITY_sp|Q75Jrapgap1	RapA guanosine trip	31.20	0.00
TRINITY_sp|Q8W4EHPAT1	Hydroxyproline O-ar	31.20	0.00
TRINITY_sp|Q8RXAt3g633	Probable inactive p	31.20	0.00
TRINITY_sp|P285(DUSP1	Dual specificity pr	31.20	0.00
TRINITY_sp|Q54Pcgnt14	Glycosyltransferase	31.20	0.00
TRINITY_sp|Q86K(DDDB_G02	RUS1 family protein	31.20	0.00
TRINITY_sp|Q6C3\NUF2	Probable kinetochor	31.20	0.00
TRINITY_sp|Q80V\Cep104	Centrosomal protein	31.20	0.00
TRINITY_sp|Q54BabcB2	ABC transporter B f	31.20	0.00
TRINITY_sp|I7CT-	Protopanaxadiol 6-h	31.20	0.00
TRINITY_sp|Q614Pde1a	Calcium/calmodulin-	31.20	0.00
TRINITY_sp|Q9LV(PVA21	Vesicle-associated	31.20	0.00
TRINITY_sp|Q5TJforF	Formin-F OS=Dictyos	31.20	0.00
TRINITY_sp|Q337ADF10	Actin-depolymerizin	31.10	0.00
TRINITY_sp|P0DI1SAE1B-1	SUMO-activating enz	31.10	0.00
TRINITY_sp|Q9FEE DSP4	Phosphoglucan phosp	31.10	0.00
TRINITY_sp|P226dh1A	Haloalkane dehaloge	31.10	0.00
TRINITY_sp|A4IIsslc47a1	Multidrug and toxin	31.10	0.00
TRINITY_sp|Q7BWlsasA	Adaptive-response s	31.10	0.00
TRINITY_sp|Q122INP53	Polyphosphatidylino	31.10	0.00
TRINITY_sp|Q929KCNB2	Potassium voltage-g	31.10	0.00
TRINITY_sp|Q96EMCRS1	Microspherule prote	31.10	0.00
TRINITY_sp|Q585MJ1123	Uncharacterized pro	31.10	0.00
TRINITY_sp|O177mpst-1	Putative thiosulfat	31.10	0.00
TRINITY_sp|F4JTVPVS54	Vacuolar protein so	31.10	0.00
TRINITY_sp|P235(MRS4	Mitochondrial RNA-s	31.10	0.00
TRINITY_sp|P395DRS2	Probable phospholip	31.10	0.00
TRINITY_sp|Q9BS(TUBGCP2	Gamma-tubulin compl	31.10	0.00
TRINITY_sp|Q10L(MTP2	Metal tolerance pro	31.10	0.00
TRINITY_sp|Q5K5EOs07g06	DEAD-box ATP-depend	31.10	0.00
TRINITY_sp|P0A8yidA	Sugar phosphatase Y	31.10	0.00
TRINITY_sp|Q9UP(USP24	Ubiquitin carboxyl-	31.10	0.00
TRINITY_sp|P411(Rpl28	60S ribosomal prote	31.10	0.00
TRINITY_sp|Q922Trim59	Tripartite motif-co	31.10	0.00
TRINITY_sp|Q9SUAAt4g323	Probable sugar phos	31.10	0.00
TRINITY_sp|F4JJ(NDB3	External alternativ	31.10	0.00
TRINITY_sp|Q653Os09g05	Probable protein ph	31.10	0.00

TRINITY_sp|Q1962IIV3-084	Putative ubiquitin	31.10	0.00
TRINITY_sp|Q5551DDB_G027	SH3 and F-BAR domai	31.10	0.00
TRINITY_sp|Q8CQIbutA	Diacetyl reductase	31.10	0.00
TRINITY_sp|Q9FN6At5g5968	Probable LRR recept	31.10	0.00
TRINITY_sp|Q2322fat-3	Delta(6)-fatty-acid	31.10	0.00
TRINITY_sp|Q54U7crlA	Cyclic AMP receptor	31.10	0.00
TRINITY_sp|Q6C22NOP12	Nucleolar protein 1	31.10	0.00
TRINITY_sp|Q0022me10	Tyrosinase OS=Asper	31.10	0.00
TRINITY_sp|Q75J1DDB_G027	SH3 and F-BAR domai	31.10	0.00
TRINITY_sp|Q8GYHSULTR4;2	Probable sulfate tr	31.10	0.00
TRINITY_sp|B9U31DISP3	Protein dispatched	31.10	0.00
TRINITY_sp|A7MQIubiB	Probable protein ki	31.10	0.00
TRINITY_sp|Q5H80Vps13a	Vacuolar protein so	31.10	0.00
TRINITY_sp|Q1504RAB3GAP1	Rab3 GTPase-activat	31.10	0.00
TRINITY_sp|Q9DB6Osbsp13	Oxysterol-binding p	31.10	0.00
TRINITY_sp|P4055YIA6	Mitochondrial nicot	31.10	0.00
TRINITY_sp|A9IV2rplQ	50S ribosomal prote	31.10	0.00
TRINITY_sp|Q8R31Nop14	Nucleolar protein 1	31.10	0.00
TRINITY_sp|Q54HYbcs11a	Probable mitochondr	31.10	0.00
TRINITY_sp|Q0041SEN1	Helicase SEN1 OS=Sa	31.10	0.00
TRINITY_sp|Q0WQIVPS53	Vacuolar protein so	31.10	0.00
TRINITY_sp|Q54XMcaptB	Uncharacterized CDP	31.10	0.00
TRINITY_sp|Q1PF0DTX7	Protein DETOXIFICAT	31.10	0.00
TRINITY_sp|Q9ZG1pikAII	Narbonolide/10-deox	31.10	0.00
TRINITY_sp|O7489ret3	Probable coatomer s	31.10	0.00
TRINITY_sp|Q8RY2NUP98A	Nuclear pore comple	31.10	0.00
TRINITY_sp|Q7T2Imx1	Interferon-induced	31.10	0.00
TRINITY_sp|P7392glbN	Group 1 truncated h	31.10	0.00
TRINITY_sp|P4183IME4	N6-adenosine-methyl	31.00	0.00
TRINITY_sp|Q0975SPAC24H6	Putative membrane-b	31.00	0.00
TRINITY_sp|Q75A3CDC123	Cell division cycle	31.00	0.00
TRINITY_sp|P3528Rab12	Ras-related protein	31.00	0.00
TRINITY_sp|Q86W3AMZ2	Archaemetzincin-2 O	31.00	0.00
TRINITY_sp|P1047ce1E	Cellulase/esterase	31.00	0.00
TRINITY_sp|Q6DH9hvcn1	Voltage-gated hydro	31.00	0.00
TRINITY_sp|O0713echA8	Probable enoyl-CoA	31.00	0.00
TRINITY_sp|Q5000TKPR1	Tetraketide alpha-p	31.00	0.00
TRINITY_sp|Q9S71GTE3	Transcription facto	31.00	0.00
TRINITY_sp|Q9UU9yop1	Protein yop1 OS=Sch	31.00	0.00
TRINITY_sp|Q54RfdhkL	Hybrid signal trans	31.00	0.00
TRINITY_sp|Q1337PDCL	Phosducin-like prot	31.00	0.00
TRINITY_sp|Q9963RAD9A	Cell cycle checkpoi	31.00	0.00
TRINITY_sp|O8217AGD10	ADP-ribosylation fa	31.00	0.00
TRINITY_sp|Q4R53NOB1	RNA-binding protein	31.00	0.00
TRINITY_sp|Q9P89tcsA	Two-component syste	31.00	0.00
TRINITY_sp|Q07G1alkbh8	Alkylated DNA repai	31.00	0.00
TRINITY_sp|Q3V05Slc47a2	Multidrug and toxin	31.00	0.00
TRINITY_sp|Q6760ATG16L1	Autophagy-related p	31.00	0.00
TRINITY_sp|Q1581ITSN1	Intersectin-1 OS=Ho	31.00	0.00
TRINITY_sp|Q5JJ6TK1782	Uncharacterized ser	31.00	0.00
TRINITY_sp|Q8H11TDP1	Tyrosyl-DNA phospho	31.00	0.00
TRINITY_sp|P1318KIN2	Serine/threonine-pr	31.00	0.00
TRINITY_sp|Q2KH1CPNE6	Copine-6 OS=Bos tau	31.00	0.00
TRINITY_sp|Q68F1Cog6	Conserved oligomeri	31.00	0.00
TRINITY_sp|A3LV4DBP9	ATP-dependent RNA h	31.00	0.00
TRINITY_sp|P4786Aqp4	Aquaporin-4 OS=Ratt	31.00	0.00

TRINITY_sp|P2006Hexb	Beta-hexosaminidase	31.00	0.00
TRINITY_sp|Q4946HPAT2	Hydroxyproline O-ar	31.00	0.00
TRINITY_sp|Q86Y9KIF18B	Kinesin-like protei	31.00	0.00
TRINITY_sp|P4775Srprb	Signal recognition	31.00	0.00
TRINITY_sp|Q9C51PAP6	Purple acid phospho	31.00	0.00
TRINITY_sp|Q5R79FAM213B	Prostamide/prostagl	31.00	0.00
TRINITY_sp|Q7M39rngB	RING finger protein	31.00	0.00
TRINITY_sp|Q4L76ilvA	L-threonine dehydra	31.00	0.00
TRINITY_sp|Q8NBRDH13	Retinol dehydrogena	31.00	0.00
TRINITY_sp|P9817RBM10	RNA-binding protein	31.00	0.00
TRINITY_sp|Q9SHICYCU2-1	Cyclin-U2-1 OS=Arab	31.00	0.00
TRINITY_sp|Q1246TRM10	tRNA (guanine(9)-N1	31.00	0.00
TRINITY_sp|Q3448yrrC	ATP-dependent RecD-	31.00	0.00
TRINITY_sp|Q8NI2THOC2	THO complex subunit	31.00	0.00
TRINITY_sp|P9401At1g1491	Putative clathrin a	31.00	0.00
TRINITY_sp|Q52QVCRITIS01	Prolycopene isomera	31.00	0.00
TRINITY_sp|Q8VWVSSL3	Protein STRICTOSIDI	31.00	0.00
TRINITY_sp|Q9QY7Smok3a	Sperm motility kina	31.00	0.00
TRINITY_sp|Q6NL7LPPG	Lipid phosphate pho	31.00	0.00
TRINITY_sp|Q86I6nek3	Probable serine/thr	31.00	0.00
TRINITY_sp|Q9LTYMAD1	Mitotic spindle che	31.00	0.00
TRINITY_sp|Q9QY1Dnajc7	DnaJ homolog subfam	31.00	0.00
TRINITY_sp|Q9C52TIF3E1	Eukaryotic translat	31.00	0.00
TRINITY_sp|B5X01VIP6	Protein CTR9 homolo	31.00	0.00
TRINITY_sp|Q8GUNC50	Chaperone protein d	31.00	0.00
TRINITY_sp|Q9W47dnc	cAMP-specific 3',5'	31.00	0.00
TRINITY_sp|Q8H13RH14	DEAD-box ATP-depend	31.00	0.00
TRINITY_sp|Q1457ITPR3	Inositol 1,4,5-tris	31.00	0.00
TRINITY_sp|Q9LY9CALS6	Putative callose sy	31.00	0.00
TRINITY_sp|Q9AW7R1	Alpha-glucan water	31.00	0.00
TRINITY_sp|Q54P8osbI	Oxysterol-binding p	31.00	0.00
TRINITY_sp|P1464Pde4c	cAMP-specific 3',5'	31.00	0.00
TRINITY_sp|A2WY1HK3	Probable histidine	31.00	0.00
TRINITY_sp|Q5AFIKEX1	Pheromone-processin	30.90	0.00
TRINITY_sp|O0125vps-26	Vacuolar protein so	30.90	0.00
TRINITY_sp|Q8N5MATPAF2	ATP synthase mitoch	30.90	0.00
TRINITY_sp|Q3892RABB1B	Ras-related protein	30.90	0.00
TRINITY_sp|Q5823gck	Glycerate 2-kinase	30.90	0.00
TRINITY_sp|Q6244Y43F4A.1	Leishmanolysin-like	30.90	0.00
TRINITY_sp|Q4R81DNAJC2	DnaJ homolog subfam	30.90	0.00
TRINITY_sp|Q55C7gdt2	Probable serine/thr	30.90	0.00
TRINITY_sp|P2186yaaD	Probable FKBP-type	30.90	0.00
TRINITY_sp|Q23FEITLL3C	Tubulin glycyclase 3	30.90	0.00
TRINITY_sp|P3286SSO1	Protein SSO1 OS=Sac	30.90	0.00
TRINITY_sp|Q9P76mak1	Peroxide stress-act	30.90	0.00
TRINITY_sp|P3901MPT5	Suppressor protein	30.90	0.00
TRINITY_sp|Q9ZVHTFIIS	Transcription elong	30.90	0.00
TRINITY_sp|Q55DIpakD	Serine/threonine-pr	30.90	0.00
TRINITY_sp|Q1491SHPRH	E3 ubiquitin-protei	30.90	0.00
TRINITY_sp|Q9SI2RKP	E3 ubiquitin-protei	30.90	0.00
TRINITY_sp|Q5AXVbcp1	Protein bcp1 OS=Eme	30.90	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	30.90	0.00
TRINITY_sp|Q8BK6Ahsa1	Activator of 90 kDa	30.90	0.00
TRINITY_sp|Q5XG6PAPD7	Non-canonical poly(	30.90	0.00
TRINITY_sp|Q8K2Vppp4r1	Serine/threonine-pr	30.90	0.00
TRINITY_sp|Q54Pveif2a	Eukaryotic translat	30.90	0.00

TRINITY_sp|Q7ZU\dohh	Deoxyhypusine hydro	30.90	0.00
TRINITY_sp|P2133al-1	Phytoene desaturase	30.90	0.00
TRINITY_sp|Q54IIshkB	Dual specificity pr	30.90	0.00
TRINITY_sp|Q93VICCD8A	Carotenoid cleavage	30.90	0.00
TRINITY_sp|Q4R9FTCTN3	Tectonic-3 OS=Macac	30.90	0.00
TRINITY_sp|F4JM\HSP70-1	Heat shock 70 kDa p	30.90	0.00
TRINITY_sp|Q55C\gdt2	Probable serine/thr	30.90	0.00
TRINITY_sp|Q1032SPAC17G	Inositol phosphocer	30.90	0.00
TRINITY_sp|F4HV\POD1	Protein POLLEN DEFE	30.90	0.00
TRINITY_sp|Q5VVVGARNL3	GTPase-activating R	30.90	0.00
TRINITY_sp|P0414GIP	Copia protein OS=Dr	30.90	0.00
TRINITY_sp|P6974Trpv5	Transient receptor	30.90	0.00
TRINITY_sp|Q9FN\DRP1E	Dynamin-related pro	30.90	0.00
TRINITY_sp|Q1ZX\clcd	Chloride channel pr	30.90	0.00
TRINITY_sp|O3296ML0855	Uncharacterized zin	30.90	0.00
TRINITY_sp|B3QP\dnaJ	Chaperone protein D	30.90	0.00
TRINITY_sp|Q9WT\Tpcn1	Two pore calcium ch	30.90	0.00
TRINITY_sp|P9547arbA	Extracellular exo-a	30.80	0.00
TRINITY_sp|F4IG\BCHC2	BEACH domain-contai	30.80	0.00
TRINITY_sp|P5729thrA	Bifunctional aspart	30.80	0.00
TRINITY_sp|Q9P2EIF2AK4	eIF-2-alpha kinase	30.80	0.00
TRINITY_sp|P5809Nadk	NAD kinase OS=Mus m	30.80	0.00
TRINITY_sp|Q6361Vps33a	Vacuolar protein so	30.80	0.00
TRINITY_sp|Q7ZVfvps36	Vacuolar protein-so	30.80	0.00
TRINITY_sp|Q4251GN	ARF guanine-nucleot	30.80	0.00
TRINITY_sp|F4JL2SMO1-3	Methylsterol monoox	30.80	0.00
TRINITY_sp|Q5TG\FAXC	Failed axon connect	30.80	0.00
TRINITY_sp|Q9VG1Blm	Bloom syndrome prot	30.80	0.00
TRINITY_sp|Q8C14Dock8	Dedicator of cytoki	30.80	0.00
TRINITY_sp|Q99L2Gstt3	Glutathione S-trans	30.80	0.00
TRINITY_sp|Q2866ABCC2	Canalicular multisp	30.80	0.00
TRINITY_sp|Q55E9corB	Coronin-B OS=Dictyo	30.80	0.00
TRINITY_sp|P8219Tgfbi	Transforming growth	30.80	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	30.80	0.00
TRINITY_sp|Q0336DNAJ1	DnaJ protein homolo	30.80	0.00
TRINITY_sp|Q9SR(CLPS3	Protein CLP1 homolo	30.80	0.00
TRINITY_sp|Q9P3\tdbl4	E3 ubiquitin-protei	30.80	0.00
TRINITY_sp|Q5UN9MIMI_R6	Uncharacterized pro	30.80	0.00
TRINITY_sp|Q9632IMPA1	Importin subunit al	30.80	0.00
TRINITY_sp|Q550(DDB_G02	Protein TAPT1 homol	30.80	0.00
TRINITY_sp|Q8S88LPEAT2	Lysophospholipid ac	30.80	0.00
TRINITY_sp|Q8N8\GBP7	Guanylate-binding p	30.80	0.00
TRINITY_sp|Q641fNuak1	NUAK family SNF1-li	30.80	0.00
TRINITY_sp|Q54V\abcC2	ABC transporter C f	30.80	0.00
TRINITY_sp|Q6B51sgkB	Sphingosine kinase	30.80	0.00
TRINITY_sp|Q9M07GGP2	Gamma-glutamyl pept	30.80	0.00
TRINITY_sp|Q55F9dlpA	Dynamin-like protei	30.80	0.00
TRINITY_sp|Q552\psmd9	Probable 26S protea	30.80	0.00
TRINITY_sp|Q54G(DDB_G02	SPX and EXS domain-	30.80	0.00
TRINITY_sp|Q5A32CDG1	Cysteine dioxygenas	30.80	0.00
TRINITY_sp|Q8C4\vcpkmt	Protein-lysine meth	30.80	0.00
TRINITY_sp|Q54V\IDDB_G02	TPR-containing prot	30.80	0.00
TRINITY_sp|Q8MI\FABCG2	ATP-binding cassett	30.80	0.00
TRINITY_sp|A6QL\FERI3	ERI1 exoribonucleas	30.80	0.00
TRINITY_sp|O6783rplI	50S ribosomal prote	30.80	0.00
TRINITY_sp|Q54P(abkD	Probable serine/thr	30.80	0.00

TRINITY_sp|P5485TGL2	Lipase 2 OS=Sacchar	30.80	0.00
TRINITY_sp|Q93W2At4g1554	Uncharacterized pro	30.80	0.00
TRINITY_sp|Q9SY1At4g0290	CSC1-like protein A	30.80	0.00
TRINITY_sp|Q6GQ7Nomo1	Nodal modulator 1 O	30.80	0.00
TRINITY_sp|Q5UR(MIMI_L9)	Uncharacterized pro	30.80	0.00
TRINITY_sp|Q55GDDDB_G026	Probable phosphatid	30.80	0.00
TRINITY_sp|Q5XI7Dzip11	Zinc finger protein	30.80	0.00
TRINITY_sp|P0272PCTP	Phosphatidylcholine	30.80	0.00
TRINITY_sp|P2271Gucy1b2	Guanylate cyclase s	30.80	0.00
TRINITY_sp|Q6ZY5GWD3	Phosphoglucan, wate	30.80	0.00
TRINITY_sp|O0078vate	V-type proton ATPas	30.70	0.00
TRINITY_sp|Q9M3(PAT05	Probable protein S-	30.70	0.00
TRINITY_sp|Q2243T12E12.1	Potential E3 ubiqui	30.70	0.00
TRINITY_sp|Q96M9PACRG	Parkin coregulated	30.70	0.00
TRINITY_sp|Q55BabcA8	ABC transporter A f	30.70	0.00
TRINITY_sp|Q5F3(C1GALT1	Glycoprotein-N-acet	30.70	0.00
TRINITY_sp|Q8VY7RS2Z33	Serine/arginine-ric	30.70	0.00
TRINITY_sp|Q9FLMPAT06	Probable protein S-	30.70	0.00
TRINITY_sp|Q6GL1pip4k2c	Phosphatidylinosito	30.70	0.00
TRINITY_sp|Q54Gyrab18	Ras-related protein	30.70	0.00
TRINITY_sp|Q8LF(RBL19	Rhomboid-like prote	30.70	0.00
TRINITY_sp|Q9VK8CG6388	Probable tRNA (guan	30.70	0.00
TRINITY_sp|Q84M2ABCA1	ABC transporter A f	30.70	0.00
TRINITY_sp|Q6P61ak8	Adenylate kinase 8	30.70	0.00
TRINITY_sp|Q5AJ5MRD1	Multiple RNA-bindin	30.70	0.00
TRINITY_sp|Q9VMRat1	5'-3' exoribonuclea	30.70	0.00
TRINITY_sp|P5443yrkH	Uncharacterized pro	30.70	0.00
TRINITY_sp|Q8L79ULP2B	Probable ubiquitin-	30.70	0.00
TRINITY_sp|Q0992tif224	Probable translatio	30.70	0.00
TRINITY_sp|O4855BRR2B	DExH-box ATP-depend	30.70	0.00
TRINITY_sp|O1391pnk1	Bifunctional polynu	30.70	0.00
TRINITY_sp|Q5UQ(MIMI_L4)	Putative alpha/beta	30.70	0.00
TRINITY_sp|Q8N6FMETT13	Methyltransferase-1	30.70	0.00
TRINITY_sp|Q8BG4Stk17b	Serine/threonine-pr	30.70	0.00
TRINITY_sp|A6UWFhemL	Glutamate-1-semiald	30.70	0.00
TRINITY_sp|Q8C6(-	Protein C21orf2 hom	30.70	0.00
TRINITY_sp|Q9Z1M1k	Protein Red OS=Mus	30.70	0.00
TRINITY_sp|B1ZW7trpC	Indole-3-glycerol p	30.70	0.00
TRINITY_sp|P0414GIP	Copia protein OS=Dr	30.70	0.00
TRINITY_sp|Q9LKVNHX7	Sodium/hydrogen exc	30.70	0.00
TRINITY_sp|P5094AVT4	Vacuolar amino acid	30.70	0.00
TRINITY_sp|P1027pol	Pol polyprotein OS=	30.70	0.00
TRINITY_sp|Q9FV5MAP1D	Methionine aminopep	30.70	0.00
TRINITY_sp|Q8H1IAPY4	Probable apyrase 4	30.70	0.00
TRINITY_sp|Q9SB6PDK	[Pyruvate dehydroge	30.70	0.00
TRINITY_sp|Q86U(RSPH3	Radial spoke head p	30.70	0.00
TRINITY_sp|Q54B1DDDB_G029	LIMR family protein	30.70	0.00
TRINITY_sp|Q9LW2At3g2684	Acyltransferase-lik	30.70	0.00

TRINITY_sp|Q6DF(ccdc77	Coiled-coil domain-	30.70	0.00
TRINITY_sp|Q7MG(VVA0006	Riboflavin biosynth	30.70	0.00
TRINITY_sp|Q9P2(ANKIB1	Ankyrin repeat and	30.70	0.00
TRINITY_sp|Q61Y(CBG0355(	Leishmanolysin-like	30.70	0.00
TRINITY_sp|P443(rbsK	Ribokinase OS=Haemo	30.70	0.00
TRINITY_sp|Q9W0(NaCP60E	Sodium channel prot	30.70	0.00
TRINITY_sp|Q558(s110103	Uncharacterized pro	30.70	0.00
TRINITY_sp|Q9M0(At4g3264	Protein transport p	30.70	0.00
TRINITY_sp|P181(Acsl1	Long-chain-fatty-ac	30.70	0.00
TRINITY_sp|Q5XT(PNPLA8	Calcium-independent	30.70	0.00
TRINITY_sp|Q55G(abkC	Probable serine/thr	30.70	0.00
TRINITY_sp|Q8MI(FABCG2	ATP-binding cassett	30.70	0.00
TRINITY_sp|O818(IRT2	Fe(2+) transport pr	30.70	0.00
TRINITY_sp|Q9H8(CNTD2	Cyclin N-terminal d	30.70	0.00
TRINITY_sp|Q5FP(IGOX2015	Glucose 1-dehydroge	30.60	0.00
TRINITY_sp|Q928(GGH	Gamma-glutamyl hydr	30.60	0.00
TRINITY_sp|Q55B(abcA8	ABC transporter A f	30.60	0.00
TRINITY_sp|Q9FE(SULTR1;	Sulfate transporter	30.60	0.00
TRINITY_sp|Q8TD(NEK9	Serine/threonine-pr	30.60	0.00
TRINITY_sp|Q9Z1(MACOX1	Peroxisomal acyl-co	30.60	0.00
TRINITY_sp|P341(pkgC	Protein kinase 3 OS	30.60	0.00
TRINITY_sp|Q8H1(ITDP1	Tyrosyl-DNA phospho	30.60	0.00
TRINITY_sp|Q55G(l2hgdh	L-2-hydroxyglutarat	30.60	0.00
TRINITY_sp|Q8GY(CAT3	Cationic amino acid	30.60	0.00
TRINITY_sp|Q9D9(Zswim2	E3 ubiquitin-protei	30.60	0.00
TRINITY_sp|Q5A3(CDG1	Cysteine dioxygenas	30.60	0.00
TRINITY_sp|Q135(DGKZ	Diacylglycerol kina	30.60	0.00
TRINITY_sp|Q6PA(Klhdc10	Kelch domain-contai	30.60	0.00
TRINITY_sp|H3ZP(IOC_043(	Aromatic-amino-acid	30.60	0.00
TRINITY_sp|Q6PG(Dhx29	ATP-dependent RNA h	30.60	0.00
TRINITY_sp|D3ZV(Nat81	N-acetylaspartate s	30.60	0.00
TRINITY_sp|O945(iqw1	WD repeat protein i	30.60	0.00
TRINITY_sp|Q679(PDLIM7	PDZ and LIM domain	30.60	0.00
TRINITY_sp|O821(VPS32.1	Vacuolar protein so	30.60	0.00
TRINITY_sp|Q3U1(Tmem64	Transmembrane prote	30.60	0.00
TRINITY_sp|Q6P5(Mapk4	Mitogen-activated p	30.60	0.00
TRINITY_sp|F4I4(BARD1	BRCA1-associated RI	30.60	0.00
TRINITY_sp|O703(Nmt2	Glycylpeptide N-tet	30.60	0.00
TRINITY_sp|Q132(PRKG2	cGMP-dependent prot	30.60	0.00
TRINITY_sp|Q54T(yipf1	Protein YIPF1 homol	30.60	0.00
TRINITY_sp|F4JL(LDL3	Lysine-specific his	30.60	0.00
TRINITY_sp|Q9LR(APUM24	Pumilio homolog 24	30.60	0.00
TRINITY_sp|Q8LF(BRN1	RNA-binding protein	30.60	0.00
TRINITY_sp|Q0P4(facsf2	Acyl-CoA synthetase	30.60	0.00
TRINITY_sp|Q84M(FAL1	RAP domain-containi	30.60	0.00
TRINITY_sp|Q9P4(CCA1	CCA tRNA nucleotidy	30.60	0.00
TRINITY_sp|Q0JI(CIPK11	CBL-interacting pro	30.60	0.00
TRINITY_sp|Q9NT(ATP8A2	Phospholipid-transp	30.60	0.00
TRINITY_sp|Q94B(CHR28	Helicase-like trans	30.60	0.00
TRINITY_sp|Q32T(EFHC2	EF-hand domain-cont	30.60	0.00
TRINITY_sp|Q617(Kif3b	Kinesin-like protei	30.60	0.00
TRINITY_sp|P196(Gucy1a3	Guanylate cyclase s	30.60	0.00
TRINITY_sp|Q54Y(dhkJ	Hybrid signal trans	30.60	0.00
TRINITY_sp|Q8L5(PANK2	Pantothenate kinase	30.60	0.00
TRINITY_sp|Q54Y(dhkJ	Hybrid signal trans	30.60	0.00
TRINITY_sp|Q6IN(ttc21b	Tetratricopeptide r	30.60	0.00

TRINITY_sp|Q5372pcrA	ATP-dependent DNA h	30.60	0.00
TRINITY_sp|Q08BEctdspl2a	CTD small phosphata	30.60	0.00
TRINITY_sp|P0CH3RING1	E3 ubiquitin-protei	30.50	0.00
TRINITY_sp|Q0IICRAB18	Ras-related protein	30.50	0.00
TRINITY_sp|Q1DT1FYV10	Protein FYV10 OS=Co	30.50	0.00
TRINITY_sp|E2RJ1MASTL	Serine/threonine-pr	30.50	0.00
TRINITY_sp|O1383ptr1	E3 ubiquitin-protei	30.50	0.00
TRINITY_sp|Q9D05Acer3	Alkaline ceramidase	30.50	0.00
TRINITY_sp|P0DK3SWEET15	Bidirectional sugar	30.50	0.00
TRINITY_sp|O138(ebp2	Probable rRNA-proce	30.50	0.00
TRINITY_sp|Q8GU1JMJ14	Probable lysine-spe	30.50	0.00
TRINITY_sp|Q5FV1Wdr89	WD repeat-containin	30.50	0.00
TRINITY_sp|Q0917cds1	Serine/threonine-pr	30.50	0.00
TRINITY_sp|Q555Hrnf160	E3 ubiquitin-protei	30.50	0.00
TRINITY_sp|P2805gpa-3	Guanine nucleotide-	30.50	0.00
TRINITY_sp|B3FW1hpm2	Glutathione S-trans	30.50	0.00
TRINITY_sp|Q9Y61PARP3	Poly [ADP-ribose] p	30.50	0.00
TRINITY_sp|Q9UUImok12	Cell wall alpha-1,3	30.50	0.00
TRINITY_sp|P3704yaeI	Phosphodiesterase Y	30.50	0.00
TRINITY_sp|Q9FK1CCX1	Cation/calcium exch	30.50	0.00
TRINITY_sp|Q3SX4RRAGA	Ras-related GTP-bin	30.50	0.00
TRINITY_sp|Q6AY5Mmadhc	Methylmalonic acidu	30.50	0.00
TRINITY_sp|Q9LG2Os01g025	Putative L-cysteine	30.50	0.00
TRINITY_sp|O2275GLTP1	Glycolipid transfer	30.50	0.00
TRINITY_sp|O444(F37C4.5	Protein F37C4.5 OS=	30.50	0.00
TRINITY_sp|Q8Y21RSc0270	UPF0225 protein RSc	30.50	0.00
TRINITY_sp|Q6AX1babam1	BRISC and BRCA1-A c	30.50	0.00
TRINITY_sp|Q8XR1kynA2	Tryptophan 2,3-diox	30.50	0.00
TRINITY_sp|Q6446Cyp3a13	Cytochrome P450 3A1	30.50	0.00
TRINITY_sp|A7IQVC42C1.13	Protein-lysine meth	30.50	0.00
TRINITY_sp|Q7KZ1MARK2	Serine/threonine-pr	30.50	0.00
TRINITY_sp|Q96B1SGK3	Serine/threonine-pr	30.50	0.00
TRINITY_sp|P2375SERPINA6	Corticosteroid-bind	30.50	0.00
TRINITY_sp|O6645adk	Adenylate kinase OS	30.50	0.00
TRINITY_sp|O1505TRANK1	TPR and ankyrin rep	30.50	0.00
TRINITY_sp|O1328xyrA	NAD(P)H-dependent D	30.50	0.00
TRINITY_sp|Q84K1GAMMA-AIAP-1	complex subuni	30.50	0.00
TRINITY_sp|Q9173ephb1-b	Ephrin type-B recep	30.50	0.00
TRINITY_sp|Q9VM1Cyp28d2	Probable cytochrome	30.50	0.00
TRINITY_sp|A7MB1PDCD11	Protein RRP5 homolo	30.50	0.00
TRINITY_sp|Q9SX8SEC3A	Exocyst complex com	30.50	0.00
TRINITY_sp|Q9FL1VTC5	GDP-L-galactose pho	30.50	0.00
TRINITY_sp|B0M01gefL	Ras guanine nucleot	30.50	0.00
TRINITY_sp|Q55A(DDB_G027	Probable serine/thr	30.50	0.00
TRINITY_sp|P2167TAF1	Transcription initi	30.50	0.00
TRINITY_sp|Q9H01GBP3	Guanylate-binding p	30.50	0.00
TRINITY_sp|F4I6MTOR1L1	TORTIFOLIA1-like pr	30.50	0.00
TRINITY_sp|Q2175vdac-1	Probable voltage-de	30.50	0.00
TRINITY_sp|Q9VMVCG3792	Mannose-P-dolichol	30.50	0.00
TRINITY_sp|Q5521pkgA	Probable serine/thr	30.50	0.00
TRINITY_sp|Q4WX1rna14	mRNA 3'-end-process	30.50	0.00
TRINITY_sp|Q6K64Os02g061	Eukaryotic translat	30.50	0.00
TRINITY_sp|Q9UP1USP24	Ubiquitin carboxyl-	30.50	0.00
TRINITY_sp|Q70C1USP34	Ubiquitin carboxyl-	30.50	0.00
TRINITY_sp|Q9S91CAL511	Callose synthase 11	30.50	0.00
TRINITY_sp|Q1265YPK9	Vacuolar cation-tra	30.40	0.00

TRINITY_sp|Q29RNSLC25A1	Mitochondrial thiam	30.40	0.00
TRINITY_sp|O748	ccr4 Glucose-repressible	30.40	0.00
TRINITY_sp|Q9C6EGAMMACA2	Gamma carbonic anhy	30.40	0.00
TRINITY_sp|Q54LHVps13A	Putative vacuolar p	30.40	0.00
TRINITY_sp|P0825	CHN48 Endochitinase A OS=	30.40	0.00
TRINITY_sp|P5204	crt Short-chain-enoyl-C	30.40	0.00
TRINITY_sp|Q9FFIRMV1	Polyamine transport	30.40	0.00
TRINITY_sp|F4KGUAt5g1037	ATP-dependent RNA h	30.40	0.00
TRINITY_sp|Q9ESE	Necab1 N-terminal EF-hand	30.40	0.00
TRINITY_sp|Q9JJ	(Plscr1 Phospholipid scramb	30.40	0.00
TRINITY_sp|Q96MFCFAP57	Cilia- and flagella	30.40	0.00
TRINITY_sp|Q54W	ctns Cystinosin homolog	30.40	0.00
TRINITY_sp|Q4R7HTLL10	Protein polyglycyla	30.40	0.00
TRINITY_sp|F4I1	ELP2 Elongator complex p	30.40	0.00
TRINITY_sp|Q9VR	cactin Cactin OS=Drosophil	30.40	0.00
TRINITY_sp|Q9SI	(MTP12 Metal tolerance pro	30.40	0.00
TRINITY_sp|A7MR	luxN Autoinducer 1 senso	30.40	0.00
TRINITY_sp|Q7TN	Celf6 CUGBP Elav-like fam	30.40	0.00
TRINITY_sp|A8I9	CFAP45 Cilia- and flagella	30.40	0.00
TRINITY_sp|A1Z8	CG7741 CWF19-like protein	30.40	0.00
TRINITY_sp|P5874	Aaas Aladin OS=Mus muscu	30.40	0.00
TRINITY_sp|A8WY	par-1 Serine/threonine-pr	30.40	0.00
TRINITY_sp|Q6NU	MFSD12 Major facilitator s	30.40	0.00
TRINITY_sp|Q86U	NOP9 Nucleolar protein 9	30.40	0.00
TRINITY_sp|Q9SY	TAF8 Transcription initi	30.40	0.00
TRINITY_sp|Q4R8	EIF2AK1 Eukaryotic translat	30.40	0.00
TRINITY_sp|Q8LA	At5g1074 Probable protein ph	30.40	0.00
TRINITY_sp|Q9H2	SPTBN4 Spectrin beta chain	30.40	0.00
TRINITY_sp|A8IL	CFAP52 Cilia- and flagella	30.40	0.00
TRINITY_sp|P379	(pnbA Para-nitrobenzyl es	30.40	0.00
TRINITY_sp|Q75J	cpras1 Circularly permutat	30.40	0.00
TRINITY_sp|P286	- Endoglucanase 4 OS=	30.40	0.00
TRINITY_sp|Q54S	vgr1F Metabotropic glutam	30.40	0.00
TRINITY_sp|B2VF	(viaA Protein ViaA OS=Erw	30.40	0.00
TRINITY_sp|Q9VR	HERC2 Probable E3 ubiquit	30.40	0.00
TRINITY_sp|Q9MY	IHSD17B14 17-beta-hydroxyster	30.40	0.00
TRINITY_sp|Q9C8	At3g0653 Uncharacterized pro	30.40	0.00
TRINITY_sp|Q290	ITIH1 Inter-alpha-trypsin	30.40	0.00
TRINITY_sp|Q14C	NAA25 N-alpha-acetyltrans	30.40	0.00
TRINITY_sp|Q923	SPAC6G9 Pumilio domain-cont	30.40	0.00
TRINITY_sp|Q2I6	(inpp11a Phosphatidylinosito	30.40	0.00
TRINITY_sp|Q078	VPS13 Vacuolar protein so	30.40	0.00
TRINITY_sp|Q54Q	(secl Protein transport p	30.40	0.00
TRINITY_sp|Q4ZH	GUCY1A3 Guanylate cyclase s	30.40	0.00
TRINITY_sp|P400	(GLE2 Nucleoporin GLE2 OS	30.40	0.00
TRINITY_sp|Q54G	DDB_G02 PXMP2/4 family prot	30.40	0.00
TRINITY_sp|Q9M1	ISEN1 tRNA-splicing endon	30.40	0.00
TRINITY_sp|F4JT	ISTY46 Serine/threonine-pr	30.40	0.00
TRINITY_sp|Q54B	(DDB_G02 Probable GH family	30.40	0.00
TRINITY_sp|O433	(HNRNPR Heterogeneous nucle	30.40	0.00
TRINITY_sp|Q5A5	(NIK1 Histidine protein k	30.40	0.00
TRINITY_sp|P581	(Plscr1 Phospholipid scramb	30.40	0.00
TRINITY_sp|Q9D1	(Rrp7a Ribosomal RNA-proce	30.40	0.00
TRINITY_sp|Q9SF	(PAP15 Purple acid phospho	30.40	0.00
TRINITY_sp|Q022	(YVH1 Tyrosine-protein ph	30.40	0.00
TRINITY_sp|Q0WV	(IGC5 Golgin candidate 5	30.40	0.00

TRINITY_sp|Q3969INV3	Beta-fructofuranosi	30.40	0.00
TRINITY_sp|Q32P4EML3	Echinoderm microtub	30.40	0.00
TRINITY_sp|Q9CAIFLD	Protein FLOWERING L	30.40	0.00
TRINITY_sp|Q54P1abcC8	ABC transporter C f	30.40	0.00
TRINITY_sp|Q9931TY3B-G	Transposon Ty3-G Ga	30.40	0.00
TRINITY_sp|Q9ATITIP2-1	Aquaporin TIP2-1 OS	30.30	0.00
TRINITY_sp|P2065Ppm1a	Protein phosphatase	30.30	0.00
TRINITY_sp|Q5852MJ1123	Uncharacterized pro	30.30	0.00
TRINITY_sp|Q8BG4Stk17b	Serine/threonine-pr	30.30	0.00
TRINITY_sp|Q9D4V-	Uncharacterized pro	30.30	0.00
TRINITY_sp|Q3URIKctd21	BTB/POZ domain-cont	30.30	0.00
TRINITY_sp|Q9NPNMRK2	Nicotinamide ribosi	30.30	0.00
TRINITY_sp|Q9C5UAHK3	Histidine kinase 3	30.30	0.00
TRINITY_sp|Q66JIacbd6	Acyl-CoA-binding do	30.30	0.00
TRINITY_sp|Q6H7UCIPK26	CBL-interacting pro	30.30	0.00
TRINITY_sp|Q5ZINTSEN2	tRNA-splicing endon	30.30	0.00
TRINITY_sp|Q6312Abcc2	Canalicular multisp	30.30	0.00
TRINITY_sp|Q96G(EEF2KMT	Protein-lysine N-me	30.30	0.00
TRINITY_sp|Q96M5FGD4	FYVE, RhoGEF and PH	30.30	0.00
TRINITY_sp|Q9695ZNF622	Zinc finger protein	30.30	0.00
TRINITY_sp|P1464Pde4c	cAMP-specific 3',5'	30.30	0.00
TRINITY_sp|Q8AX5slc35b1	Solute carrier fami	30.30	0.00
TRINITY_sp|Q9M35GCP4	Gamma-tubulin compl	30.30	0.00
TRINITY_sp|Q9V8VRep	Rab proteins gerany	30.30	0.00
TRINITY_sp|Q9ES(Ube4b	Ubiquitin conjugati	30.30	0.00
TRINITY_sp|P1346abpC	Gelation factor OS=	30.30	0.00
TRINITY_sp|Q9S7(CHSP70-14	Heat shock 70 kDa p	30.30	0.00
TRINITY_sp|Q54TMDrkD	Probable serine/thr	30.30	0.00
TRINITY_sp|P5456yqkD	Uncharacterized pro	30.30	0.00
TRINITY_sp|P3883WSS1	DNA-dependent metal	30.30	0.00
TRINITY_sp|C4IY5-	Ascorbate-specific	30.30	0.00
TRINITY_sp|P5094AVT4	Vacuolar amino acid	30.30	0.00
TRINITY_sp|Q9SN3RABA1D	Ras-related protein	30.30	0.00
TRINITY_sp|Q8BRCTmem209	Transmembrane prote	30.30	0.00
TRINITY_sp|O6005afg2	ATPase family gene	30.30	0.00
TRINITY_sp|P9453ysgA	Uncharacterized tRN	30.30	0.00
TRINITY_sp|Q7NSIhmp	Flavoheмоprotein OS	30.30	0.00
TRINITY_sp|Q54K3vps13F	Putative vacuolar p	30.30	0.00
TRINITY_sp|B4JY1fig	Protein phosphatase	30.30	0.00
TRINITY_sp|Q1491SHPRH	E3 ubiquitin-protei	30.30	0.00
TRINITY_sp|A8IC3CFAP46	Cilia- and flagella	30.30	0.00
TRINITY_sp|B2KI3WDR76	WD repeat-containin	30.30	0.00
TRINITY_sp|Q55E4dhkE	Hybrid signal trans	30.30	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	30.30	0.00
TRINITY_sp|Q32LI3CORO2A	Coronin-2A OS=Bos t	30.30	0.00
TRINITY_sp|Q9JIS3Cacna1f	Voltage-dependent L	30.30	0.00
TRINITY_sp|A0A0IFUB4	Hydrolase FUB4 OS=F	30.30	0.00
TRINITY_sp|Q9XTF3ZK262.3	Lipase ZK262.3 OS=C	30.30	0.00
TRINITY_sp|Q6ZV3FGD6	FYVE, RhoGEF and PH	30.30	0.00
TRINITY_sp|Q7X91SAC6	Phosphoinositide ph	30.30	0.00
TRINITY_sp|P4115HSFA1A	Heat stress transcr	30.30	0.00
TRINITY_sp|P9294CLC-D	Chloride channel pr	30.30	0.00
TRINITY_sp|Q5U41Wdr34	WD repeat-containin	30.30	0.00
TRINITY_sp|Q7T2E3slc44a4	Choline transporter	30.30	0.00
TRINITY_sp|O9683fab1	Putative 1-phosphat	30.30	0.00
TRINITY_sp|B4F61aifm2	Apoptosis-inducing	30.30	0.00

TRINITY_sp|A1L4}CLT2	Protein CLT2, chlor	30.30	0.00
TRINITY_sp|O433}HNRNPR	Heterogeneous nucle	30.30	0.00
TRINITY_sp|Q86G}gefQ	Ras guanine nucleot	30.30	0.00
TRINITY_sp|P464}Gst2	Glutathione S-trans	30.30	0.00
TRINITY_sp|Q9ZW}CYP735A2	Cytokinin hydroxyla	30.30	0.00
TRINITY_sp|Q2QA}TIO	Serine/threonine-pr	30.30	0.00
TRINITY_sp|A6WU}tdh	L-threonine 3-dehyd	30.30	0.00
TRINITY_sp|Q5N7}MOR1	Protein MOR1 OS=Ory	30.30	0.00
TRINITY_sp|P053}p20	Uncharacterized N-a	30.20	0.00
TRINITY_sp|Q96Q}ALS2	Alsin OS=Homo sapie	30.20	0.00
TRINITY_sp|Q55C}rasU	Ras-like protein ra	30.20	0.00
TRINITY_sp|Q9CX}Ist1	IST1 homolog OS=Mus	30.20	0.00
TRINITY_sp|Q9NS}DIAPH3	Protein diaphanous	30.20	0.00
TRINITY_sp|Q9T0}MTN1	5'-methylthioadenos	30.20	0.00
TRINITY_sp|B1MZ}frr	Ribosome-recycling	30.20	0.00
TRINITY_sp|Q86I}pdi1	Protein disulfide-i	30.20	0.00
TRINITY_sp|Q0JI}CIPK11	CBL-interacting pro	30.20	0.00
TRINITY_sp|Q9FL}GNL1	ARF guanine-nucleot	30.20	0.00
TRINITY_sp|Q110}pepN	Aminopeptidase N OS	30.20	0.00
TRINITY_sp|Q9U9}fsmc	Gamma-soluble NSF a	30.20	0.00
TRINITY_sp|Q9NG}CenG1A	Centaurin-gamma-1A	30.20	0.00
TRINITY_sp|Q5F4}PPP6R3	Serine/threonine-pr	30.20	0.00
TRINITY_sp|Q54Y}CRTF	CAR1 transcription	30.20	0.00
TRINITY_sp|Q9LE}RBL20	Rhomboid-like prote	30.20	0.00
TRINITY_sp|O668}bioF	Putative 8-amino-7-	30.20	0.00
TRINITY_sp|A2C5}rpsF	30S ribosomal prote	30.20	0.00
TRINITY_sp|Q000}PRMS	Pathogenesis-relate	30.20	0.00
TRINITY_sp|Q4U2}Herc2	E3 ubiquitin-protei	30.20	0.00
TRINITY_sp|O944}bdp1	Transcription facto	30.20	0.00
TRINITY_sp|Q037}CEBPZ	CCAAT/enhancer-bind	30.20	0.00
TRINITY_sp|O822}SKL2	Probable inactive s	30.20	0.00
TRINITY_sp|P408}-	Crystallin J1C OS=T	30.20	0.00
TRINITY_sp|Q76P}DDB_G027	Probable serine/thr	30.20	0.00
TRINITY_sp|Q6J4}SLC8B1	Sodium/potassium/ca	30.20	0.00
TRINITY_sp|Q963}IMPA1	Importin subunit al	30.20	0.00
TRINITY_sp|Q9V4}GLE1	Nucleoporin GLE1 OS	30.20	0.00
TRINITY_sp|Q5A7}CCR4	Glucose-repressible	30.20	0.00
TRINITY_sp|Q54I}slc44a2	Choline transporter	30.20	0.00
TRINITY_sp|B3H5}NEDD1	Protein NEDD1 OS=Ar	30.20	0.00
TRINITY_sp|Q6GR}spop1	Speckle-type POZ pr	30.20	0.00
TRINITY_sp|Q9VR}HERC2	Probable E3 ubiquit	30.20	0.00
TRINITY_sp|P561}RRP1	Ribosomal RNA proce	30.20	0.00
TRINITY_sp|O548}Dusp5	Dual specificity pr	30.20	0.00
TRINITY_sp|Q5RA}ARCN1	Coatomer subunit de	30.20	0.00
TRINITY_sp|Q54P}mrd1	Multiple RNA-bindin	30.20	0.00
TRINITY_sp|Q8JI}-	Cysteine-rich venom	30.20	0.00
TRINITY_sp|Q5VJ}gdt9	Probable serine/thr	30.20	0.00
TRINITY_sp|Q158}CACNA1E	Voltage-dependent R	30.20	0.00
TRINITY_sp|Q75J}cprsl	Circularly permutat	30.20	0.00
TRINITY_sp|O830}rsmE	Ribosomal RNA small	30.20	0.00
TRINITY_sp|Q6S7}TAF5	Transcription initi	30.20	0.00
TRINITY_sp|Q9HG}gcn2	eIF-2-alpha kinase	30.20	0.00
TRINITY_sp|P340}cmfA	Conditioned medium	30.20	0.00
TRINITY_sp|Q9XI}WRKY4	Probable WRKY trans	30.20	0.00
TRINITY_sp|Q16T}AAEL0101	Band 7 protein AAEL	30.20	0.00
TRINITY_sp|Q94A}At5g5314	Probable protein ph	30.20	0.00

TRINITY_sp|Q0WU(MTP10	Metal tolerance pro	30.20	0.00
TRINITY_sp|P261(ACT2	Actin-2 OS=Absidia	30.20	0.00
TRINITY_sp|Q9CT(Atp13a2	Probable cation-tra	30.20	0.00
TRINITY_sp|O137(SPAC15A1	Uncharacterized Na(	30.20	0.00
TRINITY_sp|P225(bglB	Beta-glucosidase B	30.20	0.00
TRINITY_sp|F2Z4(Herc6	E3 ISG15--protein 1	30.20	0.00
TRINITY_sp|O243(TIC110	Protein TIC110, chl	30.20	0.00
TRINITY_sp|Q8BR(Kmt2c	Histone-lysine N-me	30.20	0.00
TRINITY_sp|O835(rpoD	RNA polymerase sigm	30.20	0.00
TRINITY_sp|Q950(ubc-9	SUMO-conjugating en	30.10	0.00
TRINITY_sp|F4IJ(KIN14R	Kinesin-like protei	30.10	0.00
TRINITY_sp|Q2TG(Zdhhc15	Palmitoyltransferas	30.10	0.00
TRINITY_sp|P395(ywbO	Uncharacterized pro	30.10	0.00
TRINITY_sp|Q2LGF(TOLLIP	Toll-interacting pr	30.10	0.00
TRINITY_sp|Q8S9(UBC5B	Ubiquitin-conjugati	30.10	0.00
TRINITY_sp|P138(-	Aspartic acid-rich	30.10	0.00
TRINITY_sp|Q9H8(VCPKMT	Protein-lysine meth	30.10	0.00
TRINITY_sp|Q395(HUP2	H(+)/hexose cotrans	30.10	0.00
TRINITY_sp|Q4R7(TTLL10	Protein polyglycyla	30.10	0.00
TRINITY_sp|Q969(TMBIM1	Protein lifeguard 3	30.10	0.00
TRINITY_sp|Q5ZK(EIF2A	Eukaryotic translat	30.10	0.00
TRINITY_sp|Q620(Cep131	Centrosomal protein	30.10	0.00
TRINITY_sp|P821(Tgfb1	Transforming growth	30.10	0.00
TRINITY_sp|Q54P(VDDB_G02	Protein EI24 homolo	30.10	0.00
TRINITY_sp|Q583(MJ0928	Putative protein me	30.10	0.00
TRINITY_sp|Q869(VDDB_G02	Probable myosin lig	30.10	0.00
TRINITY_sp|S4R2(Slca8a3	Sodium/calcium exch	30.10	0.00
TRINITY_sp|Q9ZP(CDC48B	Cell division contr	30.10	0.00
TRINITY_sp|Q9FF(PDIL1-4	Protein disulfide i	30.10	0.00
TRINITY_sp|Q390(CNX3	Cyclic pyranopterin	30.10	0.00
TRINITY_sp|Q79L(hopD2	Effector protein ho	30.10	0.00
TRINITY_sp|Q28G(mecr	Trans-2-enoyl-CoA r	30.10	0.00
TRINITY_sp|Q5A5(NIK1	Histidine protein k	30.10	0.00
TRINITY_sp|Q8TB(ITFG1	T-cell immunomodula	30.10	0.00
TRINITY_sp|A9US(22789	Putative glycoside	30.10	0.00
TRINITY_sp|Q93V(THO1	THO complex subunit	30.10	0.00
TRINITY_sp|P146(Pde4c	cAMP-specific 3',5'	30.10	0.00
TRINITY_sp|Q8IY(DRC7	Dynein regulatory c	30.10	0.00
TRINITY_sp|P750(MPN_020	Uncharacterized ATP	30.10	0.00
TRINITY_sp|P731(s111290	Uncharacterized rib	30.10	0.00
TRINITY_sp|Q9NU(PLCXD1	PI-PLC X domain-con	30.10	0.00
TRINITY_sp|Q006(gp63	Leishmanolysin OS=L	30.10	0.00
TRINITY_sp|Q9ZV(SGPP	Haloacid dehalogena	30.10	0.00
TRINITY_sp|Q4U2(Herc2	E3 ubiquitin-protei	30.10	0.00
TRINITY_sp|A3EW(IREV1	DNA repair protein	30.10	0.00
TRINITY_sp|Q54Y(shkC	Dual specificity pr	30.10	0.00
TRINITY_sp|Q8VY(PAP8	Purple acid phospho	30.10	0.00
TRINITY_sp|Q9ZT(-	Delta(7)-sterol-C5(	30.10	0.00
TRINITY_sp|C0ITI(-	Venom allergen 5 (F	30.10	0.00
TRINITY_sp|Q055(CHI17	Acidic 27 kDa endoc	30.10	0.00
TRINITY_sp|Q9US(SPAC103	D-serine dehydratas	30.10	0.00
TRINITY_sp|Q7SY(ncald	Neurocalcin-delta O	30.10	0.00
TRINITY_sp|Q7XS(AGO1B	Protein argonaute 1	30.10	0.00
TRINITY_sp|P467(Pdcd2	Programmed cell dea	30.10	0.00
TRINITY_sp|Q9LX(PCO1	Plant cysteine oxid	30.10	0.00
TRINITY_sp|Q9P7(oma1	Mitochondrial metal	30.10	0.00

TRINITY_sp|P7887tpp1	Trehalose-phosphata	30.00	0.00
TRINITY_sp|Q54U4abcC12	ABC transporter C f	30.00	0.00
TRINITY_sp|Q9LT3VPS9A	Vacuolar protein so	30.00	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	30.00	0.00
TRINITY_sp|P221(APA2	Diadenosine 5',5'''	30.00	0.00
TRINITY_sp|Q8LA(URH2	Probable uridine nu	30.00	0.00
TRINITY_sp|A4FV(RSL1D1	Ribosomal L1 domain	30.00	0.00
TRINITY_sp|A6QN(RRP36	Ribosomal RNA proce	30.00	0.00
TRINITY_sp|O1375cns1	Hsp70/Hsp90 co-chap	30.00	0.00
TRINITY_sp|Q0II(DNAJC21	DnaJ homolog subfam	30.00	0.00
TRINITY_sp|Q5EA(CHID1	Chitinase domain-co	30.00	0.00
TRINITY_sp|Q92K2af	1,5-anhydro-D-fruct	30.00	0.00
TRINITY_sp|Q9LR(BSU1	Serine/threonine-pr	30.00	0.00
TRINITY_sp|Q6T4(rbrA	Probable E3 ubiquit	30.00	0.00
TRINITY_sp|Q9S9(CCR1	Cinnamoyl-CoA reduc	30.00	0.00
TRINITY_sp|Q9P3(dbl4	E3 ubiquitin-protei	30.00	0.00
TRINITY_sp|Q7TP4Apm	Adipocyte plasma me	30.00	0.00
TRINITY_sp|Q9DB(Phkg2	Phosphorylase b kin	30.00	0.00
TRINITY_sp|P360(TUL1	Transmembrane E3 ub	30.00	0.00
TRINITY_sp|Q99J(Thumpd1	THUMP domain-contai	30.00	0.00
TRINITY_sp|Q94F(ABCC1	ABC transporter D f	30.00	0.00
TRINITY_sp|Q55A(DDB_G027	PH and Rap-GAP doma	30.00	0.00
TRINITY_sp|P5332YGR266W	Uncharacterized pro	30.00	0.00
TRINITY_sp|Q9M0(GGP3	Gamma-glutamyl pept	30.00	0.00
TRINITY_sp|Q84M(ABCA1	ABC transporter A f	30.00	0.00
TRINITY_sp|P0CU2CTHT_004	Protein-lysine N-me	30.00	0.00
TRINITY_sp|P511(A1	Dihydroflavonol 4-r	30.00	0.00
TRINITY_sp|Q54Y2dhkJ	Hybrid signal trans	30.00	0.00
TRINITY_sp|Q9Y5(POLR3H	DNA-directed RNA po	30.00	0.00
TRINITY_sp|A0QS(HMSMEG_14	Putative S-adenosyl	30.00	0.00
TRINITY_sp|Q893(hutG	Formimidoylglutamas	30.00	0.00
TRINITY_sp|Q54R(dhkL	Hybrid signal trans	30.00	0.00
TRINITY_sp|P4641-	Glutathione S-trans	30.00	0.00
TRINITY_sp|Q6RG(RGS1	Regulator of G-prot	30.00	0.00
TRINITY_sp|P5112Taf1	Transcription initi	30.00	0.00
TRINITY_sp|P966(nap	Uncharacterized car	30.00	0.00
TRINITY_sp|P266(sigA	RNA polymerase sigm	30.00	0.00
TRINITY_sp|Q866(ADCY10	Adenylate cyclase t	30.00	0.00
TRINITY_sp|Q0864PUS7	Multisubstrate pseu	30.00	0.00
TRINITY_sp|Q9TW2myoM	Myosin-M heavy chai	30.00	0.00
TRINITY_sp|Q5SN(serac1	Protein SERAC1 OS=D	30.00	0.00
TRINITY_sp|P215(ALP1	Alpha-amylase OS=Sa	30.00	0.00
TRINITY_sp|Q0547pksL	Polyketide synthase	30.00	0.00
TRINITY_sp|Q29B(GA18864	Esterase GA18864 OS	30.00	0.00
TRINITY_sp|H3JU(SGT1	Peptidyl serine alp	30.00	0.00
TRINITY_sp|Q54Q(DDB_G028	Probable E3 ubiquit	30.00	0.00
TRINITY_sp|Q54G(gacW	Rho GTPase-activati	30.00	0.00
TRINITY_sp|Q5RA(ACOX3	Peroxisomal acyl-co	30.00	0.00
TRINITY_sp|Q9MA(ACBP4	Acyl-CoA-binding do	30.00	0.00
TRINITY_sp|Q0794PSR2	Probable phosphatas	30.00	0.00
TRINITY_sp|Q5A5(NIK1	Histidine protein k	30.00	0.00
TRINITY_sp|P3881TRA1	Transcription-assoc	30.00	0.00
TRINITY_sp|Q2QN(Os12g058	Probable protein ph	30.00	0.00
TRINITY_sp|Q9FF1At5g3846	Probable dolichyl p	30.00	0.00
TRINITY_sp|Q944(FKBP16-1	Peptidyl-prolyl cis	30.00	0.00
TRINITY_sp|Q55G(DDB_G026	Probable serine/thr	30.00	0.00

TRINITY_sp|Q9S36pcrA	ATP-dependent DNA h	30.00	0.00
TRINITY_sp|Q9345rae-1	mRNA export factor	29.90	0.00
TRINITY_sp|Q28I0ppp4r2	Serine/threonine-pr	29.90	0.00
TRINITY_sp|Q9H0E0TOLLIP	Toll-interacting pr	29.90	0.00
TRINITY_sp|Q54P6osbI	Oxysterol-binding p	29.90	0.00
TRINITY_sp|A1JM9rutB	Peroxyureidoacrylat	29.90	0.00
TRINITY_sp|O8243ETR1	Ethylene receptor 1	29.90	0.00
TRINITY_sp|Q55C7gdt2	Probable serine/thr	29.90	0.00
TRINITY_sp|Q2KJ1AFG3L2	AFG3-like protein 2	29.90	0.00
TRINITY_sp|Q84M6ARP4	Actin-related prote	29.90	0.00
TRINITY_sp|B3FWHhpm2	Glutathione S-trans	29.90	0.00
TRINITY_sp|Q6441PGC	Gastricsin OS=Cavia	29.90	0.00
TRINITY_sp|P3063ZK637.14	Uncharacterized RIN	29.90	0.00
TRINITY_sp|P2500pucl1	Cyclin pucl1 OS=Schi	29.90	0.00
TRINITY_sp|Q4UL5RF_0863	Uncharacterized RNA	29.90	0.00
TRINITY_sp|P4097lys1	L-2-aminoadipate re	29.90	0.00
TRINITY_sp|Q5M7Ino16	Nucleolar protein 6	29.90	0.00
TRINITY_sp|Q8BW0Dclk3	Serine/threonine-pr	29.90	0.00
TRINITY_sp|Q54X8ap1b1	AP-1 complex subuni	29.90	0.00
TRINITY_sp|Q9203ACHE	Acetylcholinesteras	29.90	0.00
TRINITY_sp|A5DSMFMP52	Protein FMP52, mito	29.90	0.00
TRINITY_sp|E1BY0MSH6	DNA mismatch repair	29.90	0.00
TRINITY_sp|P3120pab1	Polyadenylate-bindi	29.90	0.00
TRINITY_sp|O9471SPCC1259	Uncharacterized pro	29.90	0.00
TRINITY_sp|Q10Q0RPA1B	Replication protein	29.90	0.00
TRINITY_sp|Q9HE1utp5	U3 small nucleolar	29.90	0.00
TRINITY_sp|Q6DBNAt4g0845	BTB/POZ domain-cont	29.90	0.00
TRINITY_sp|P4990Taf12	Transcription initi	29.90	0.00
TRINITY_sp|Q86L9gachH	Rho GTPase-activati	29.90	0.00
TRINITY_sp|Q9Y80CYP505	Bifunctional cytoch	29.90	0.00
TRINITY_sp|Q9M04BHLH140	Transcription facto	29.90	0.00
TRINITY_sp|Q8TB3WDR66	WD repeat-containin	29.90	0.00
TRINITY_sp|P5061CDK7	Cyclin-dependent ki	29.90	0.00
TRINITY_sp|Q2THVZDHHC8	Probable palmitoylt	29.90	0.00
TRINITY_sp|Q6DG4ubtd2	Ubiquitin domain-co	29.90	0.00
TRINITY_sp|Q5F1FDNAJC21	DnaJ homolog subfam	29.90	0.00
TRINITY_sp|P3214yihV	Sulfofructose kinas	29.90	0.00
TRINITY_sp|Q8IV5DENND1C	DENN domain-contain	29.90	0.00
TRINITY_sp|Q9NV0TBC1D13	TBC1 domain family	29.90	0.00
TRINITY_sp|O0091dstA	Signal transducer a	29.90	0.00
TRINITY_sp|P2620CD36	Platelet glycoprote	29.90	0.00
TRINITY_sp|Q9SA4MED22A	Mediator of RNA pol	29.90	0.00
TRINITY_sp|Q3SZHTTLL9	Probable tubulin po	29.90	0.00
TRINITY_sp|F4J11LSF1	Phosphoglucan phosp	29.90	0.00
TRINITY_sp|Q9492LYSA1	Diaminopimelate dec	29.90	0.00
TRINITY_sp|Q9FW0IMPA6	Importin subunit al	29.90	0.00
TRINITY_sp|Q54D1DDB_G029	Down syndrome criti	29.90	0.00
TRINITY_sp|Q1467TTLL4	Tubulin polyglutamy	29.90	0.00
TRINITY_sp|Q9Y30ACOT9	Acyl-coenzyme A thi	29.90	0.00
TRINITY_sp|Q7M38rngB	RING finger protein	29.90	0.00
TRINITY_sp|Q54Y5shkC	Dual specificity pr	29.90	0.00
TRINITY_sp|Q9UR0Tf2-11	Transposon Tf2-11 p	29.90	0.00
TRINITY_sp|O9470rxt3	Transcriptional reg	29.90	0.00
TRINITY_sp|Q4G20DER1.2	Derlin-1.2 OS=Zea m	29.90	0.00
TRINITY_sp|P1797Shaw	Potassium voltage-g	29.80	0.00
TRINITY_sp|P5477TYDC5	Tyrosine/DOPA decar	29.80	0.00

TRINITY_sp|Q54R4gpaI	Guanine nucleotide-	29.80	0.00
TRINITY_sp|P3789pleC	Non-motile and phag	29.80	0.00
TRINITY_sp|Q54ZIDDB_G027	WD repeat-containin	29.80	0.00
TRINITY_sp|A4IH7fign11	Fidgetin-like prote	29.80	0.00
TRINITY_sp|Q5M72RNFT1	RING finger and tra	29.80	0.00
TRINITY_sp|Q86A7DDB_G027	Recoverin family pr	29.80	0.00
TRINITY_sp|P1926AMY1	Alpha-amylase 1 OS=	29.80	0.00
TRINITY_sp|P3195pac	Penicillin G acylas	29.80	0.00
TRINITY_sp|Q54Y2dhkJ	Hybrid signal trans	29.80	0.00
TRINITY_sp|Q9LT1VCS	Enhancer of mRNA-de	29.80	0.00
TRINITY_sp|A9UY9serinc	Probable serine inc	29.80	0.00
TRINITY_sp|Q54QcpgtA	Bifunctional glycos	29.80	0.00
TRINITY_sp|F4IL1At2g420	(Amino acid transpor	29.80	0.00
TRINITY_sp|Q9Y46RBM19	Probable RNA-bindin	29.80	0.00
TRINITY_sp|A0LJ4dnaJ	Chaperone protein D	29.80	0.00
TRINITY_sp|Q9436gei-17	E3 SUMO-protein lig	29.80	0.00
TRINITY_sp|Q7XW1Os04g025	Probable cleavage a	29.80	0.00
TRINITY_sp|O444(eri-1	3'-5' exonuclease e	29.80	0.00
TRINITY_sp|Q7TS6Nsun6	Putative methyltran	29.80	0.00
TRINITY_sp|Q5T56STXBP5	Syntaxin-binding pr	29.80	0.00
TRINITY_sp|P1689FUS3	Mitogen-activated p	29.80	0.00
TRINITY_sp|Q8L79CID3	Polyadenylate-bindi	29.80	0.00
TRINITY_sp|Q9SMFRABH1C	Ras-related protein	29.80	0.00
TRINITY_sp|Q9FPFEDR1	Serine/threonine-pr	29.80	0.00
TRINITY_sp|Q05B1shq1	Protein SHQ1 homolo	29.80	0.00
TRINITY_sp|Q553IgxkJJ	Rac guanine nucleot	29.80	0.00
TRINITY_sp|Q9FX1At1g6782	Probable protein ph	29.80	0.00
TRINITY_sp|Q9Y36STARD10	PCTP-like protein O	29.80	0.00
TRINITY_sp|P1035ry	Xanthine dehydrogen	29.80	0.00
TRINITY_sp|B0VX6SETD3	Histone-lysine N-me	29.80	0.00
TRINITY_sp|Q54J9gacX	Rho GTPase-activati	29.80	0.00
TRINITY_sp|O9519RCBTB2	RCC1 and BTB domain	29.80	0.00
TRINITY_sp|O6034TBC1D4	TBC1 domain family	29.80	0.00
TRINITY_sp|Q8VENK1hdc3	Kelch domain-contai	29.80	0.00
TRINITY_sp|B2RS9Rrn3	RNA polymerase I-sp	29.80	0.00
TRINITY_sp|Q0304Pkg21D	cGMP-dependent prot	29.80	0.00
TRINITY_sp|Q9VR9HERC2	Probable E3 ubiquit	29.80	0.00
TRINITY_sp|Q6GL7slc25a26	S-adenosylmethionin	29.80	0.00
TRINITY_sp|B5F01yfeW	UPF0214 protein Yfe	29.80	0.00
TRINITY_sp|Q55D9rabggta	Geranylgeranyl tran	29.80	0.00
TRINITY_sp|A1L11slc47a1	Multidrug and toxin	29.80	0.00
TRINITY_sp|Q0077cmkA	Calcium/calmodulin-	29.80	0.00
TRINITY_sp|Q9VR6Npclb	Niemann-Pick type p	29.80	0.00
TRINITY_sp|Q7M01Nudt19	Nucleoside diphosph	29.80	0.00
TRINITY_sp|O0789dapb1	Dipeptidyl aminopep	29.80	0.00
TRINITY_sp|Q0349STE20	Serine/threonine-pr	29.80	0.00
TRINITY_sp|Q9SC9UBP26	Ubiquitin carboxyl-	29.80	0.00
TRINITY_sp|Q9235SPAC6G9	Pumilio domain-cont	29.80	0.00
TRINITY_sp|A6SJVBC1G_127	Eukaryotic translat	29.80	0.00
TRINITY_sp|O0059VWA5A	von Willebrand fact	29.80	0.00
TRINITY_sp|Q55GUDDB_G026	(Probable serine/thr	29.80	0.00
TRINITY_sp|P3836PHO89	Phosphate permease	29.80	0.00
TRINITY_sp|Q9JL6Capn15	Calpain-15 OS=Mus m	29.80	0.00
TRINITY_sp|Q8C07Mfsd9	Major facilitator s	29.70	0.00
TRINITY_sp|P6299RAC1	Ras-related C3 botu	29.70	0.00
TRINITY_sp|Q6EE1TLL5	Tubulin polyglutamy	29.70	0.00

TRINITY_sp|Q9V9FCG3107	Presequence proteas	29.70	0.00
TRINITY_sp|P3992SLN1	Osmosensing histidi	29.70	0.00
TRINITY_sp|Q9961DNAJC7	DnaJ homolog subfam	29.70	0.00
TRINITY_sp|Q6GNIc1galt1	Glycoprotein-N-acet	29.70	0.00
TRINITY_sp|Q0JI4CIPK11	CBL-interacting pro	29.70	0.00
TRINITY_sp|Q5XH5ddx1	ATP-dependent RNA h	29.70	0.00
TRINITY_sp|Q94AF CUL1	Cullin-1 OS=Arabido	29.70	0.00
TRINITY_sp|P2659PTBP1	Polypyrimidine trac	29.70	0.00
TRINITY_sp|O9471SPCC1259	Uncharacterized pro	29.70	0.00
TRINITY_sp|Q1457ITPR2	Inositol 1,4,5-tris	29.70	0.00
TRINITY_sp|Q54Wtmem1840	Transmembrane prote	29.70	0.00
TRINITY_sp|Q9UR0Tf2-11	Transposon Tf2-11 p	29.70	0.00
TRINITY_sp|P3559Ide	Insulin-degrading e	29.70	0.00
TRINITY_sp|P4657PBL10	Probable serine/thr	29.70	0.00
TRINITY_sp|Q54DVergic3	Probable endoplasmi	29.70	0.00
TRINITY_sp|Q8BZ1Gucd1	Protein GUCD1 OS=Mu	29.70	0.00
TRINITY_sp|B9FM0KIN13A	Kinesin-like protei	29.70	0.00
TRINITY_sp|Q54PFDDDB_G028	Probable myosin lig	29.70	0.00
TRINITY_sp|Q0068gp63	Leishmanolysin OS=L	29.70	0.00
TRINITY_sp|Q1048tim13	Mitochondrial impor	29.70	0.00
TRINITY_sp|O9427SPBP8B7	Uncharacterized RIN	29.70	0.00
TRINITY_sp|Q68E1wdr18	WD repeat-containin	29.70	0.00
TRINITY_sp|O7477msh2	DNA mismatch repair	29.70	0.00
TRINITY_sp|Q6TN9paklip1	p21-activated prote	29.70	0.00
TRINITY_sp|Q54E1gr1E	Metabotropic glutam	29.70	0.00
TRINITY_sp|B1ZX4truB	tRNA pseudouridine	29.70	0.00
TRINITY_sp|P3117-	Autolysin OS=Chlamy	29.70	0.00
TRINITY_sp|P2221RAD53	Serine/threonine-pr	29.70	0.00
TRINITY_sp|Q0JL4SGT1	Protein SGT1 homolo	29.70	0.00
TRINITY_sp|P4631FAD6	Omega-6 fatty acid	29.70	0.00
TRINITY_sp|Q2648FKBP46	46 kDa FK506-bindin	29.70	0.00
TRINITY_sp|P6187-	Lipase OS=Rhizopus	29.70	0.00
TRINITY_sp|Q75E1TPC1	Mitochondrial thiam	29.70	0.00
TRINITY_sp|O7648GstD7	Glutathione S-trans	29.70	0.00
TRINITY_sp|Q86G4gefQ	Ras guanine nucleot	29.70	0.00
TRINITY_sp|Q7K01PGAP3	Post-GPI attachment	29.70	0.00
TRINITY_sp|Q1760cel-1	mRNA-capping enzyme	29.70	0.00
TRINITY_sp|Q0P5VVps8	Vacuolar protein so	29.70	0.00
TRINITY_sp|Q54E1gr1E	Metabotropic glutam	29.70	0.00
TRINITY_sp|Q5BC1fmp52	Protein fmp52, mito	29.70	0.00
TRINITY_sp|P5179CLCN7	H(+)/Cl(-) exchange	29.70	0.00
TRINITY_sp|B0SA2adk	Adenylate kinase OS	29.70	0.00
TRINITY_sp|Q55GUDDDB_G026	Probable serine/thr	29.70	0.00
TRINITY_sp|Q54F2cln3	Battenin OS=Dictyos	29.70	0.00
TRINITY_sp|Q9UK1PARP4	Poly [ADP-ribose] p	29.70	0.00
TRINITY_sp|Q5TC0MLK4	Mitogen-activated p	29.70	0.00
TRINITY_sp|Q9SE2CIPK16	CBL-interacting ser	29.60	0.00
TRINITY_sp|P9407At3g2672	Alpha-mannosidase A	29.60	0.00
TRINITY_sp|Q9P70mak1	Peroxide stress-act	29.60	0.00
TRINITY_sp|Q54W1DDDB_G027	U6 snRNA phosphodie	29.60	0.00
TRINITY_sp|Q54P9osbI	Oxysterol-binding p	29.60	0.00
TRINITY_sp|P2469PTP	Tyrosine-protein ph	29.60	0.00
TRINITY_sp|Q9P70mak1	Peroxide stress-act	29.60	0.00
TRINITY_sp|Q9VSIcG7185	Cleavage and polyad	29.60	0.00
TRINITY_sp|Q8VY0ESP3	Pre-mRNA-splicing f	29.60	0.00
TRINITY_sp|Q94E1At3g1441	Probable sugar phos	29.60	0.00

TRINITY_sp|Q551>dhkF	Hybrid signal trans	29.60	0.00
TRINITY_sp|O157>tipD	Protein tipD OS=Dic	29.60	0.00
TRINITY_sp|Q9JL<Capn15	Calpain-15 OS=Mus m	29.60	0.00
TRINITY_sp|Q6AY>Sccpdh	Saccharopine dehydr	29.60	0.00
TRINITY_sp|Q9US>gaa1	GPI transamidase co	29.60	0.00
TRINITY_sp|A8MR>FMOGS-O>	Flavin-containing m	29.60	0.00
TRINITY_sp|Q5UQ<MIMI_L4<	Putative alpha/beta	29.60	0.00
TRINITY_sp|Q6NV<prpf31	U4/U6 small nuclear	29.60	0.00
TRINITY_sp|Q9H1>WDR13	WD repeat-containin	29.60	0.00
TRINITY_sp|Q4R5<SNX1	Sorting nexin-1 OS=	29.60	0.00
TRINITY_sp|Q9SZ<CYP81F4	Cytochrome P450 81F	29.60	0.00
TRINITY_sp|Q5Z9>Os06g05<	Solute carrier fami	29.60	0.00
TRINITY_sp|Q5RC<RBM39	RNA-binding protein	29.60	0.00
TRINITY_sp|Q54Q<sec1	Protein transport p	29.60	0.00
TRINITY_sp|A0BK<GSPATT0<	Protein SEY1 homolo	29.60	0.00
TRINITY_sp|Q5Z6>CIPK25	CBL-interacting pro	29.60	0.00
TRINITY_sp|Q287>-	Pregnancy-associate	29.60	0.00
TRINITY_sp|Q6TN>paklip1	p21-activated prote	29.60	0.00
TRINITY_sp|Q6PF<ngdn	Neuroguidin OS=Dani	29.60	0.00
TRINITY_sp|O890>Tpp1	Tripeptidyl-peptida	29.60	0.00
TRINITY_sp|Q9P3<ubd14	E3 ubiquitin-protei	29.60	0.00
TRINITY_sp|Q9D5>Zc2hc1b	Zinc finger C2HC do	29.60	0.00
TRINITY_sp|Q6JQ<ACAD10	Acyl-CoA dehydrogen	29.60	0.00
TRINITY_sp|Q54P>DDB_G02<	Probable serine/thr	29.60	0.00
TRINITY_sp|P254>RAD51	DNA repair protein	29.60	0.00
TRINITY_sp|Q9KD>dnaJ	Chaperone protein D	29.60	0.00
TRINITY_sp|P407>recQ	ATP-dependent DNA h	29.60	0.00
TRINITY_sp|Q6NR<ppp6r3-a>	Serine/threonine-pr	29.60	0.00
TRINITY_sp|A1L4>CLT2	Protein CLT2, chlor	29.60	0.00
TRINITY_sp|B3PJ>trmA	tRNA/tmRNA (uracil-	29.60	0.00
TRINITY_sp|O343>yticJ	Putative amidohydro	29.60	0.00
TRINITY_sp|Q5SN<Os06g01>	Fanconi-associated	29.60	0.00
TRINITY_sp|Q54N<mipp1	Multiple inositol p	29.60	0.00
TRINITY_sp|Q7YX<cpnA	Copine-A OS=Dictyos	29.60	0.00
TRINITY_sp|Q9FJ<CCB2	Protein COFACTOR AS	29.60	0.00
TRINITY_sp|Q9SV<ASAT1	Acyl-CoA--sterol O-	29.60	0.00
TRINITY_sp|Q573>HI_0036	Uncharacterized ABC	29.60	0.00
TRINITY_sp|Q9UQ<EAURKC	Aurora kinase C OS=	29.60	0.00
TRINITY_sp|Q7S6>sun-4	Mitochondrial impor	29.50	0.00
TRINITY_sp|O814>-	Eukaryotic translat	29.50	0.00
TRINITY_sp|Q9Y5>NUB1	NEDD8 ultimate bust	29.50	0.00
TRINITY_sp|P110>RAB3A	Ras-related protein	29.50	0.00
TRINITY_sp|Q8CH<Tt115	Tubulin polyglutamy	29.50	0.00
TRINITY_sp|A6S3<ssh4	Protein ssh4 OS=Bot	29.50	0.00
TRINITY_sp|Q54E<scct2	T-complex protein 1	29.50	0.00
TRINITY_sp|P011>H-RAS	Transforming protei	29.50	0.00
TRINITY_sp|Q08J>NSUN2	tRNA (cytosine(34)-	29.50	0.00
TRINITY_sp|Q0VC<FAP2A2	AP-2 complex subuni	29.50	0.00
TRINITY_sp|Q54W<mcfl	Mitochondrial subst	29.50	0.00
TRINITY_sp|Q3V1<Pnpla1	Patatin-like phosph	29.50	0.00
TRINITY_sp|Q54C<commd8	COMM domain-contain	29.50	0.00
TRINITY_sp|Q8T5>abcA1	ABC transporter A f	29.50	0.00
TRINITY_sp|P361>GPT2	Glycerol-3-phosphat	29.50	0.00
TRINITY_sp|Q93V<CYP97A3	Protein LUTEIN DEFI	29.50	0.00
TRINITY_sp|P837>GRP2	Putative NADPH-depe	29.50	0.00
TRINITY_sp|P748>fkbM	31-O-demethyl-FK506	29.50	0.00

TRINITY_sp|Q54L(DDB_G02{	Probable LIM domain	29.50	0.00
TRINITY_sp|A8WY{par-1	Serine/threonine-pr	29.50	0.00
TRINITY_sp|Q8T1{ltv1	Protein LTV1 homolo	29.50	0.00
TRINITY_sp|Q9P2{CC2D2A	Coiled-coil and C2	29.50	0.00
TRINITY_sp|Q4E4{Tc00.10{	Phosphatidylinosito	29.50	0.00
TRINITY_sp|Q3LH{wge	Protein winged eye	29.50	0.00
TRINITY_sp|Q7Z5{POLN	DNA polymerase nu O	29.50	0.00
TRINITY_sp|A2WW{ERG1	Elicitor-responsive	29.50	0.00
TRINITY_sp|Q557{atg4-1	Cysteine protease a	29.50	0.00
TRINITY_sp|Q149{SHPRH	E3 ubiquitin-protei	29.50	0.00
TRINITY_sp|Q9UI{IPO11	Importin-11 OS=Homo	29.50	0.00
TRINITY_sp|Q157{HERC1	Probable E3 ubiquit	29.50	0.00
TRINITY_sp|P509{AVT4	Vacuolar amino acid	29.50	0.00
TRINITY_sp|Q55F{gtf2h1	General transcripti	29.50	0.00
TRINITY_sp|O056{vanA	Vanillate O-demethy	29.50	0.00
TRINITY_sp|Q54U{shkD	Dual specificity pr	29.50	0.00
TRINITY_sp|A4IH{tttc9c	Tetratricopeptide r	29.50	0.00
TRINITY_sp|Q3UY{Rgl3	Ral guanine nucleot	29.50	0.00
TRINITY_sp|Q9VR{HERC2	Probable E3 ubiquit	29.50	0.00
TRINITY_sp|P618{-	Lipase OS=Rhizopus	29.40	0.00
TRINITY_sp|A4II{zfp3612	mRNA decay activato	29.40	0.00
TRINITY_sp|Q5R9{GBP6	Guanylate-binding p	29.40	0.00
TRINITY_sp|Q8MP{snol	Senecionine N-oxyge	29.40	0.00
TRINITY_sp|Q5H7{CDC20	Cell division cycle	29.40	0.00
TRINITY_sp|Q9SH{STIPL1	Septin and tuftelin	29.40	0.00
TRINITY_sp|Q7XR{PDIL1-2	Protein disulfide i	29.40	0.00
TRINITY_sp|P297{AHSG	Alpha-2-HS-glycopro	29.40	0.00
TRINITY_sp|Q8DF{nutA	5'-nucleotidase OS=	29.40	0.00
TRINITY_sp|F4J5{FMT	Clustered mitochond	29.40	0.00
TRINITY_sp|Q9LS{CASP	Protein CASP OS=Ara	29.40	0.00
TRINITY_sp|P612{STX1B	Syntaxin-1B OS=Homo	29.40	0.00
TRINITY_sp|Q2QV{SEC10	Exocyst complex com	29.40	0.00
TRINITY_sp|Q033{DNAJ1	DnaJ protein homolo	29.40	0.00
TRINITY_sp|Q3SZ{PIGS	GPI transamidase co	29.40	0.00
TRINITY_sp|Q088{FAR2	Fatty acyl-CoA redu	29.40	0.00
TRINITY_sp|Q869{napA	Nck-associated prot	29.40	0.00
TRINITY_sp|Q5I0{serpinb1	Leukocyte elastase	29.40	0.00
TRINITY_sp|Q9Y4{DAAM1	Disheveled-associat	29.40	0.00
TRINITY_sp|Q54M{cxpr1	SPX and EXS domain-	29.40	0.00
TRINITY_sp|O431{PRPF4	U4/U6 small nuclear	29.40	0.00
TRINITY_sp|O749{bcp1	Protein bcp1 OS=Sch	29.40	0.00
TRINITY_sp|A7RR{vlg2321{	Protein AKTIP homol	29.40	0.00
TRINITY_sp|Q9XI{LSMT-L	[Fructose-bisphosph	29.40	0.00
TRINITY_sp|P551{Sh3bp1	SH3 domain-binding	29.40	0.00
TRINITY_sp|Q018{OTUD4	OTU domain-containi	29.40	0.00
TRINITY_sp|Q9XH{TIF3C1	Eukaryotic translat	29.40	0.00
TRINITY_sp|Q9JH{Adat1	tRNA-specific adeno	29.40	0.00
TRINITY_sp|Q91W{Daglb	Sn1-specific diacyl	29.40	0.00
TRINITY_sp|C0HJ{-	Alpha-mannosidase O	29.40	0.00
TRINITY_sp|Q0II{RAB18	Ras-related protein	29.40	0.00
TRINITY_sp|P170{crtK	Protein CrtK OS=Rho	29.40	0.00
TRINITY_sp|Q95LI{TBC1D22{	TBC1 domain family	29.40	0.00
TRINITY_sp|B4ES{gpmA	2,3-bisphosphoglyce	29.40	0.00
TRINITY_sp|Q84L{FWEX	Werner Syndrome-lik	29.40	0.00
TRINITY_sp|Q9C5{At3g474{	Putative glycerol-3	29.40	0.00
TRINITY_sp|Q4VN{SMT	Selenocysteine Se-m	29.40	0.00

TRINITY_sp|Q9XZUCas	Exportin-2 OS=Droso	29.40	0.00
TRINITY_sp|P3713Ache	Acetylcholinesteras	29.40	0.00
TRINITY_sp|Q9444RH22	DEAD-box ATP-depend	29.40	0.00
TRINITY_sp|P7433sll1541	Apocarotenoid-15,15	29.40	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	29.40	0.00
TRINITY_sp|Q3UYFTbc1d9	TBC1 domain family	29.40	0.00
TRINITY_sp|Q7TP(Shprh	E3 ubiquitin-protei	29.40	0.00
TRINITY_sp|Q0666IRC3	Putative ATP-depend	29.40	0.00
TRINITY_sp|Q9C7EPUB17	U-box domain-contai	29.40	0.00
TRINITY_sp|P0752wee1	Mitosis inhibitor p	29.40	0.00
TRINITY_sp|Q9NQMPIH1D3	Protein PIH1D3 OS=H	29.40	0.00
TRINITY_sp|Q045(UTP14	U3 small nucleolar	29.40	0.00
TRINITY_sp|Q70C(USP34	Ubiquitin carboxyl-	29.40	0.00
TRINITY_sp|Q54KIDDB_G028	TPR repeat-containi	29.40	0.00
TRINITY_sp|Q9GR(mos	Serine/threonine-pr	29.40	0.00
TRINITY_sp|Q54LNgghA	Gamma-glutamyl hydr	29.40	0.00
TRINITY_sp|Q8IY(DHX37	Probable ATP-depend	29.30	0.00
TRINITY_sp|Q9938VCX1	Vacuolar calcium io	29.30	0.00
TRINITY_sp|P3431ncx-6	Putative sodium/cal	29.30	0.00
TRINITY_sp|Q640Islc37a3	Sugar phosphate exc	29.30	0.00
TRINITY_sp|Q2868ABCC2	Canalicular multisp	29.30	0.00
TRINITY_sp|Q0764Slc2a3	Solute carrier fami	29.30	0.00
TRINITY_sp|Q9MANCIPK9	CBL-interacting ser	29.30	0.00
TRINITY_sp|Q9ES2Sacm11	Phosphatidylinositi	29.30	0.00
TRINITY_sp|Q9EP(Wdr4	tRNA (guanine-N(7)-	29.30	0.00
TRINITY_sp|P4281ATPK1	Serine/threonine-pr	29.30	0.00
TRINITY_sp|Q9SC(KINB2	SNF1-related protei	29.30	0.00
TRINITY_sp|Q54MEleo1	RNA polymerase-asso	29.30	0.00
TRINITY_sp|Q7RX3egt-1	Ergothioneine biosy	29.30	0.00
TRINITY_sp|Q54Y(DDB_G027	Probable serine/thr	29.30	0.00
TRINITY_sp|Q6IN(mlec-a	Malectin-A OS=Xenop	29.30	0.00
TRINITY_sp|Q9JI(A4galt	Lactosylceramide 4-	29.30	0.00
TRINITY_sp|Q9LVIDTX40	Protein DETOXIFICAT	29.30	0.00
TRINITY_sp|Q54FVDDDB_G029	WD repeat-containin	29.30	0.00
TRINITY_sp|Q9Z0EGbp2	Guanylate-binding p	29.30	0.00
TRINITY_sp|Q9V6(CG16935	Probable trans-2-en	29.30	0.00
TRINITY_sp|Q6LXRrtcB	tRNA-splicing ligas	29.30	0.00
TRINITY_sp|Q29AAGA17800	Leishmanolysin-like	29.30	0.00
TRINITY_sp|P210(B4R	Ankyrin repeat prot	29.30	0.00
TRINITY_sp|P3333SLA2	Protein SLA2 OS=Sac	29.30	0.00
TRINITY_sp|P3333SLA2	Protein SLA2 OS=Sac	29.30	0.00
TRINITY_sp|Q9VK1(2)gd1	Coiled-coil and C2	29.30	0.00
TRINITY_sp|Q8RXIAt1g1465	Probable splicing f	29.30	0.00
TRINITY_sp|Q9235SPAC6G9.	Pumilio domain-cont	29.30	0.00
TRINITY_sp|Q9498ari-1	Potential E3 ubiqui	29.30	0.00
TRINITY_sp|Q54XNgacr	Rho GTPase-activati	29.30	0.00
TRINITY_sp|A5YM(CARNS1	Carnosine synthase	29.30	0.00
TRINITY_sp|Q3U1Dennd1b	DENN domain-contain	29.30	0.00
TRINITY_sp|Q9P3tubp2	Probable ubiquitin	29.30	0.00
TRINITY_sp|Q9DB(Swt1	Transcriptional pro	29.30	0.00
TRINITY_sp|Q8BQ(Zdhhc14	Probable palmitoylt	29.30	0.00
TRINITY_sp|Q8RWISTY17	Serine/threonine-pr	29.30	0.00
TRINITY_sp|P9376-	Acid beta-fructofur	29.30	0.00
TRINITY_sp|Q6P4Hlmbird2b	LMBR1 domain-contai	29.30	0.00
TRINITY_sp|P7433sll1541	Apocarotenoid-15,15	29.30	0.00
TRINITY_sp|Q8RYAt4g1762	Decapping nuclease	29.30	0.00

TRINITY_sp|Q9FP1UBP12	Ubiquitin carboxyl-	29.30	0.00
TRINITY_sp|P2862-	Endoglucanase 4 OS=	29.30	0.00
TRINITY_sp|Q9FYCPAO	Pheophorbide a oxyg	29.30	0.00
TRINITY_sp|P0C1CPde11a	Dual 3',5'-cyclic-A	29.30	0.00
TRINITY_sp|Q8T1Vndufs4	NADH dehydrogenase	29.20	0.00
TRINITY_sp|Q68E\mrp128	39S ribosomal prote	29.20	0.00
TRINITY_sp|O947MKP1	Mitogen-activated p	29.20	0.00
TRINITY_sp|Q54GIDDB_G029	PXMP2/4 family prot	29.20	0.00
TRINITY_sp|Q8T21sepA	Serine/threonine-pr	29.20	0.00
TRINITY_sp|P5414amt-1	Putative ammonium t	29.20	0.00
TRINITY_sp|Q9SIFALKBH2	DNA oxidative demet	29.20	0.00
TRINITY_sp|Q55FFcopa	Coatomer subunit al	29.20	0.00
TRINITY_sp|Q0991SPAC30D1	Uncharacterized pro	29.20	0.00
TRINITY_sp|Q54LMgghA	Gamma-glutamyl hydr	29.20	0.00
TRINITY_sp|O0429IMPA3	Importin subunit al	29.20	0.00
TRINITY_sp|P2584chic	Profilin OS=Drosoph	29.20	0.00
TRINITY_sp|Q923FSteap4	Metalloreductase ST	29.20	0.00
TRINITY_sp|P794(CYP3A29	Cytochrome P450 3A2	29.20	0.00
TRINITY_sp|Q8BJVEif2a	Eukaryotic translat	29.20	0.00
TRINITY_sp|Q86H2prodh	Proline dehydrogena	29.20	0.00
TRINITY_sp|Q8K24Uvrag	UV radiation resist	29.20	0.00
TRINITY_sp|O4374PRKAB2	5'-AMP-activated pr	29.20	0.00
TRINITY_sp|O7053CYP3A31	Cytochrome P450 3A3	29.20	0.00
TRINITY_sp|Q5591DDB_G027	Probable serine/thr	29.20	0.00
TRINITY_sp|Q54AyclcA	Chloride channel pr	29.20	0.00
TRINITY_sp|Q6H7CRPA2B	Replication protein	29.20	0.00
TRINITY_sp|Q6NWCprmt6	Protein arginine N-	29.20	0.00
TRINITY_sp|Q54CIpex13	Probable peroxisoma	29.20	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	29.20	0.00
TRINITY_sp|Q94ACSAMC1	S-adenosylmethionin	29.20	0.00
TRINITY_sp|Q8BVCPpme1	Protein phosphatase	29.20	0.00
TRINITY_sp|Q75J9cpras1	Circularly permutat	29.20	0.00
TRINITY_sp|Q54IhshkB	Dual specificity pr	29.20	0.00
TRINITY_sp|Q9LVMABCB25	ABC transporter B f	29.20	0.00
TRINITY_sp|P149(IDO1	Indoleamine 2,3-dio	29.20	0.00
TRINITY_sp|Q9FP(RBP45A	Polyadenylate-bindi	29.20	0.00
TRINITY_sp|B6EU7PRP40A	Pre-mRNA-processing	29.20	0.00
TRINITY_sp|O9467SPBC776	Uncharacterized mem	29.20	0.00
TRINITY_sp|Q5789MJ0457	Uncharacterized met	29.20	0.00
TRINITY_sp|F4JZ2P4H10	Probable prolyl 4-h	29.20	0.00
TRINITY_sp|B0CA9ycf3	Photosystem I assem	29.20	0.00
TRINITY_sp|Q9ZW9CYP735A2	Cytokinin hydroxyla	29.20	0.00
TRINITY_sp|Q8BG7Oxall	Mitochondrial inner	29.20	0.00
TRINITY_sp|O4944AAC3	ADP,ATP carrier pro	29.20	0.00
TRINITY_sp|P5332YGR266W	Uncharacterized pro	29.20	0.00
TRINITY_sp|Q91ZVTfam	Transcription facto	29.20	0.00
TRINITY_sp|Q5SS8Dhrs13	Dehydrogenase/reduc	29.20	0.00
TRINITY_sp|Q55E9pats1	Probable serine/thr	29.20	0.00
TRINITY_sp|Q54JFabcC3	ABC transporter C f	29.20	0.00
TRINITY_sp|Q55GUDDB_G026	Probable serine/thr	29.20	0.00
TRINITY_sp|Q7Z7FTMED4	Transmembrane emp24	29.20	0.00
TRINITY_sp|D7UQ\aur	Aurora kinase OS=Pa	29.20	0.00
TRINITY_sp|Q9GR(mos	Serine/threonine-pr	29.20	0.00
TRINITY_sp|P0C8MCCRP1	Probable serine/thr	29.10	0.00
TRINITY_sp|Q3HRNCBL10	Calcineurin B-like	29.10	0.00
TRINITY_sp|P256CPWP2	Periodic tryptophan	29.10	0.00

TRINITY_sp|Q9SHUAt2g1531	Probable ADP-ribosy	29.10	0.00
TRINITY_sp|Q8VYCCR4-6	Carbon catabolite r	29.10	0.00
TRINITY_sp|O759RAD17	Cell cycle checkpoi	29.10	0.00
TRINITY_sp|Q500TKPR1	Tetraketide alpha-p	29.10	0.00
TRINITY_sp|Q5FVACSBG2	Long-chain-fatty-ac	29.10	0.00
TRINITY_sp|Q9LYMML4	Protein MEI2-like 4	29.10	0.00
TRINITY_sp|Q6C7CGI121	EKC/KEOPS complex s	29.10	0.00
TRINITY_sp|Q1I61plsB	Glycerol-3-phosphat	29.10	0.00
TRINITY_sp|Q8W4ARI8	Probable E3 ubiquit	29.10	0.00
TRINITY_sp|Q5TCAK9	Adenylate kinase 9	29.10	0.00
TRINITY_sp|Q7ZYAnkrd13c	Ankyrin repeat doma	29.10	0.00
TRINITY_sp|Q6ZQVIDO2	Indoleamine 2,3-dio	29.10	0.00
TRINITY_sp|Q9Z2Rasal1	RasGAP-activating-l	29.10	0.00
TRINITY_sp|Q8W4RAD4	DNA repair protein	29.10	0.00
TRINITY_sp|Q87GuluxQ	Autoinducer 2 senso	29.10	0.00
TRINITY_sp|Q9M8DSPTP1B	Dual specificity pr	29.10	0.00
TRINITY_sp|Q7TPShprh	E3 ubiquitin-protei	29.10	0.00
TRINITY_sp|Q56ZQVSR4	Vacuolar-sorting re	29.10	0.00
TRINITY_sp|Q55GMDDB_G02c	Probable phosphatid	29.10	0.00
TRINITY_sp|A7MU4hscB	Co-chaperone protei	29.10	0.00
TRINITY_sp|Q9VLFKBP59	FK506-binding prote	29.10	0.00
TRINITY_sp|O959ECD	Protein ecdysoneles	29.10	0.00
TRINITY_sp|C1DK2rppH	RNA pyrophosphohydr	29.10	0.00
TRINITY_sp|P710epsO	Putative pyruvyl tr	29.10	0.00
TRINITY_sp|F4K4THO5B	THO complex subunit	29.10	0.00
TRINITY_sp|Q8R5Usp33	Ubiquitin carboxyl-	29.10	0.00
TRINITY_sp|Q86IADDB_G02c	PH domain-containin	29.10	0.00
TRINITY_sp|Q8GV4PLC6	Phosphoinositide ph	29.10	0.00
TRINITY_sp|Q9LT2MED35C	Pre-mRNA-processing	29.10	0.00
TRINITY_sp|Q9SL2Os05g015	Importin subunit al	29.10	0.00
TRINITY_sp|Q84Cviod	Capreomycinidine synt	29.10	0.00
TRINITY_sp|Q5ZIIkbp	KIF1-binding protei	29.10	0.00
TRINITY_sp|O600ykt6	Synaptobrevin homol	29.10	0.00
TRINITY_sp|Q9ZQ8PAP9	Probable inactive p	29.10	0.00
TRINITY_sp|Q5XE1HES01	Protein HES01 OS=Ar	29.10	0.00
TRINITY_sp|Q5F3IDENND6A	Protein DENND6A OS=	29.10	0.00
TRINITY_sp|O1511NPC1	Niemann-Pick C1 pro	29.10	0.00
TRINITY_sp|O883Avil	Advillin OS=Mus mus	29.10	0.00
TRINITY_sp|P3409manA	Lysosomal alpha-man	29.10	0.00
TRINITY_sp|Q9235SPAC6G9	Pumilio domain-cont	29.10	0.00
TRINITY_sp|Q9C5CSAC7	Phosphoinositide ph	29.10	0.00
TRINITY_sp|Q9CXFDhrs7	Dehydrogenase/reduc	29.10	0.00
TRINITY_sp|Q54SEIDDB_G02c	Beta-lactamase-like	29.10	0.00
TRINITY_sp|F1MH2AAK1	AP2-associated prot	29.10	0.00
TRINITY_sp|Q96G4DUS3L	tRNA-dihydrouridine	29.00	0.00
TRINITY_sp|B0G16exoc5	Exocyst complex com	29.00	0.00
TRINITY_sp|O758CAPN15	Calpain-15 OS=Homo	29.00	0.00
TRINITY_sp|P0AAItyrP	Tyrosine-specific t	29.00	0.00
TRINITY_sp|Q5R6ATG4A	Cysteine protease A	29.00	0.00
TRINITY_sp|P4712BNA2	Indoleamine 2,3-dio	29.00	0.00
TRINITY_sp|F4HRCTHO5A	THO complex subunit	29.00	0.00
TRINITY_sp|O0044RTCA	RNA 3'-terminal pho	29.00	0.00
TRINITY_sp|Q52K2usp12-a	Ubiquitin carboxyl-	29.00	0.00
TRINITY_sp|Q7TT3Ikkap	Elongator complex p	29.00	0.00
TRINITY_sp|Q011cbah	Acetyl-hydrolase OS	29.00	0.00
TRINITY_sp|P309RYR2	Ryanodine receptor	29.00	0.00

TRINITY_sp|P814(GAPN	NADP-dependent glyc	29.00	0.00
TRINITY_sp|Q569(mfsd4b	Sodium-dependent gl	29.00	0.00
TRINITY_sp|Q4KL(rnf217	Probable E3 ubiquit	29.00	0.00
TRINITY_sp|Q84Y(CXIP4	CAX-interacting pro	29.00	0.00
TRINITY_sp|Q17Q(SCRN3	Secernin-3 OS=Bos t	29.00	0.00
TRINITY_sp|Q6C1(TIF32	Eukaryotic translat	29.00	0.00
TRINITY_sp|Q7T2(map3k10	Mitogen-activated p	29.00	0.00
TRINITY_sp|Q8GZ(BRN2	RNA-binding protein	29.00	0.00
TRINITY_sp|Q9FP(UBP12	Ubiquitin carboxyl-	29.00	0.00
TRINITY_sp|Q294(CYP3A24	Cytochrome P450 3A2	29.00	0.00
TRINITY_sp|Q67Z(TFCB	Tubulin-folding cof	29.00	0.00
TRINITY_sp|Q0JI(CIPK11	CBL-interacting pro	29.00	0.00
TRINITY_sp|Q430(GALE	UDP-glucose 4-epime	29.00	0.00
TRINITY_sp|Q129(ELAVL2	ELAV-like protein 2	29.00	0.00
TRINITY_sp|Q05B(EML5	Echinoderm microtub	29.00	0.00
TRINITY_sp|Q98T(PDCD4	Programmed cell dea	29.00	0.00
TRINITY_sp|Q55D(atxn2	Ataxin-2 homolog OS	29.00	0.00
TRINITY_sp|Q9SF(At3g071(	Protein transport p	29.00	0.00
TRINITY_sp|Q8H2(IPOLH	DNA polymerase eta	29.00	0.00
TRINITY_sp|O142(wis4	MAP kinase kinase k	29.00	0.00
TRINITY_sp|Q9LY(MED7A	Mediator of RNA pol	29.00	0.00
TRINITY_sp|P344(clu-1	Clustered mitochond	29.00	0.00
TRINITY_sp|Q9VA(aralar1	Calcium-binding mit	29.00	0.00
TRINITY_sp|Q6ZM(EML6	Echinoderm microtub	29.00	0.00
TRINITY_sp|Q54I(rft1	Protein RFT1 homolo	29.00	0.00
TRINITY_sp|Q15K(PHYLLO	Protein PHYLLO, chl	29.00	0.00
TRINITY_sp|Q232(fat-3	Delta(6)-fatty-acid	29.00	0.00
TRINITY_sp|O017(him-1	Structural maintena	28.90	0.00
TRINITY_sp|C0SP(hywtG	Putative metabolite	28.90	0.00
TRINITY_sp|Q5PP(rnf170	E3 ubiquitin-protei	28.90	0.00
TRINITY_sp|P418(rael	Poly(A)+ RNA export	28.90	0.00
TRINITY_sp|P872(mus81	Crossover junction	28.90	0.00
TRINITY_sp|P041(GIP	Copia protein OS=Dr	28.90	0.00
TRINITY_sp|Q54W(DDB_G02(	Putative actin-frag	28.90	0.00
TRINITY_sp|Q5ZL(VAMP7	Vesicle-associated	28.90	0.00
TRINITY_sp|Q54B(nsfl1c	NSFL1 cofactor p47	28.90	0.00
TRINITY_sp|Q122(NCR1	Niemann-Pick type C	28.90	0.00
TRINITY_sp|Q9DBV(Cyp4v2	Cytochrome P450 4V2	28.90	0.00
TRINITY_sp|Q54B(DDB_G02(	Probable GH family	28.90	0.00
TRINITY_sp|Q88F(nicC	6-hydroxynicotinate	28.90	0.00
TRINITY_sp|Q54N(abcC9	ABC transporter C f	28.90	0.00
TRINITY_sp|Q497(Kdm8	Lysine-specific dem	28.90	0.00
TRINITY_sp|A0A0(CMT1	DNA (cytosine-5)-me	28.90	0.00
TRINITY_sp|Q94I(OST3	Probable dolichyl-d	28.90	0.00
TRINITY_sp|Q9CAN(Atlg6321	Transcription elong	28.90	0.00
TRINITY_sp|Q019(OCRL	Inositol polyphosph	28.90	0.00
TRINITY_sp|E1BY(MSH6	DNA mismatch repair	28.90	0.00
TRINITY_sp|Q11S(ctaB	Protoheme IX farnes	28.90	0.00
TRINITY_sp|Q9UTM(cox1101	Rsm22-cox11 tandem	28.90	0.00
TRINITY_sp|Q917(gckr	Glucokinase regulat	28.90	0.00
TRINITY_sp|Q9JI(A4galt	Lactosylceramide 4-	28.90	0.00
TRINITY_sp|P041(GIP	Copia protein OS=Dr	28.90	0.00
TRINITY_sp|A4FII(iolG2	Inositol 2-dehydrog	28.90	0.00
TRINITY_sp|Q010(Pde4d	cAMP-specific 3',5'	28.90	0.00
TRINITY_sp|Q54X(gacP	Rho GTPase-activati	28.90	0.00
TRINITY_sp|A2VD(MAP3K7	Mitogen-activated p	28.90	0.00

TRINITY_sp|Q54D\DDB_G029	von Willebrand fact	28.90	0.00
TRINITY_sp|Q9LUCYP72A13	Cytochrome P450 72A	28.90	0.00
TRINITY_sp|P1642pol	Retrovirus-related	28.90	0.00
TRINITY_sp|O2289At2g4043	Uncharacterized pro	28.90	0.00
TRINITY_sp|P5861glk	Glucokinase OS=Nost	28.90	0.00
TRINITY_sp|Q9VZ2Pxn	Peroxidasin OS=Dros	28.90	0.00
TRINITY_sp|A3KM\UBA1	Ubiquitin-like modi	28.90	0.00
TRINITY_sp|Q4V83tepsin	AP-4 complex access	28.90	0.00
TRINITY_sp|P290(INVA	Acid beta-fructofur	28.90	0.00
TRINITY_sp|P3939lgoT	Probable L-galacton	28.90	0.00
TRINITY_sp|Q9Y48DMXL1	DmX-like protein 1	28.90	0.00
TRINITY_sp|P3117-	Autolysin OS=Chlamy	28.90	0.00
TRINITY_sp|Q5XF9Atp13a4	Probable cation-tra	28.90	0.00
TRINITY_sp|Q7KV5Trf4-1	Non-canonical poly(	28.90	0.00
TRINITY_sp|A7S41serinc	Probable serine inc	28.90	0.00
TRINITY_sp|Q54Bhexoc3	Exocyst complex com	28.90	0.00
TRINITY_sp|P3609VPS24	Vacuolar protein-so	28.90	0.00
TRINITY_sp|Q0922nrf-6	Nose resistant to f	28.90	0.00
TRINITY_sp|O1543ABCC4	Multidrug resistanc	28.90	0.00
TRINITY_sp|Q4G0IHYDIN	Hydrocephalus-induc	28.90	0.00
TRINITY_sp|Q1G3UPCO3	Plant cysteine oxid	28.90	0.00
TRINITY_sp|Q54V\DDB_G028	Probable serine/thr	28.90	0.00
TRINITY_sp|A0JP9heatr5a	HEAT repeat-contain	28.90	0.00
TRINITY_sp|Q94C9ATG1A	Serine/threonine-pr	28.80	0.00
TRINITY_sp|P5316MNP1	54S ribosomal prote	28.80	0.00
TRINITY_sp|Q6BM1SYM1	Protein SYM1 OS=Deb	28.80	0.00
TRINITY_sp|Q4VB1stx18	Syntaxin-18 OS=Dani	28.80	0.00
TRINITY_sp|Q9166stk11	Serine/threonine-pr	28.80	0.00
TRINITY_sp|A5WW(chfr	E3 ubiquitin-protei	28.80	0.00
TRINITY_sp|Q9SE2CIPK16	CBL-interacting ser	28.80	0.00
TRINITY_sp|O1688dhs-16	3 beta-hydroxystero	28.80	0.00
TRINITY_sp|Q8CN4SE_2036	Uncharacterized oxi	28.80	0.00
TRINITY_sp|Q5LDIengB	Probable GTP-bindin	28.80	0.00
TRINITY_sp|O5475Hsd17b6	17-beta-hydroxyster	28.80	0.00
TRINITY_sp|Q9CQ(Commd4	COMM domain-contain	28.80	0.00
TRINITY_sp|Q641fNuak1	NUAK family SNF1-li	28.80	0.00
TRINITY_sp|O1899CYP3A21	Cytochrome P450 3A2	28.80	0.00
TRINITY_sp|O4878CYP734A1	Cytochrome P450 734	28.80	0.00
TRINITY_sp|Q8LF(RPA2B	Replication protein	28.80	0.00
TRINITY_sp|P3412coaA	Coactosin OS=Dictyo	28.80	0.00
TRINITY_sp|Q5VS1OBSCN	Obscurin OS=Homo sa	28.80	0.00
TRINITY_sp|Q6DE1tbc1d31	TBC1 domain family	28.80	0.00
TRINITY_sp|Q55B9scy2	Probable inactive s	28.80	0.00
TRINITY_sp|O2292At2g3032	Putative tRNA pseud	28.80	0.00
TRINITY_sp|P8253PPL1	PsbP-like protein 1	28.80	0.00
TRINITY_sp|Q1007mdm31	Mitochondrial distr	28.80	0.00
TRINITY_sp|A2A51R3hdml	Peptidase inhibitor	28.80	0.00
TRINITY_sp|Q54Q(sec1	Protein transport p	28.80	0.00
TRINITY_sp|P930(PP2C27	Probable protein ph	28.80	0.00
TRINITY_sp|A8JF(CFAP65	Cilia- and flagella	28.80	0.00
TRINITY_sp|P283(qorA	Quinone oxidoreduct	28.80	0.00
TRINITY_sp|Q9WV(Cyp46a1	Cholesterol 24-hydr	28.80	0.00
TRINITY_sp|Q944fMTM1	Mitochondrial carri	28.80	0.00
TRINITY_sp|O2317PLP1	Patatin-like protei	28.80	0.00
TRINITY_sp|A8MS8SPT6	Transcription elong	28.80	0.00
TRINITY_sp|Q9LUCYP72A13	Cytochrome P450 72A	28.80	0.00

TRINITY_sp|Q6DFCwdr75	WD repeat-containin	28.80	0.00
TRINITY_sp|Q58C\KLDHC3	Kelch domain-contai	28.80	0.00
TRINITY_sp|Q6C9CBFR2	Protein BFR2 OS=Yar	28.80	0.00
TRINITY_sp|P4457arcB	Aerobic respiration	28.80	0.00
TRINITY_sp|Q9LV\At3g178	(UV-B-induced protei	28.80	0.00
TRINITY_sp|O7454SPCC777	.Putative hydrolase	28.80	0.00
TRINITY_sp|A8LH7Franean1	Putative S-adenosyl	28.80	0.00
TRINITY_sp|Q54K1prmt5	Protein arginine N-	28.80	0.00
TRINITY_sp|P1024MYBL1	Myb-related protein	28.80	0.00
TRINITY_sp|D4AYVARB_0137	ABC transporter G f	28.80	0.00
TRINITY_sp|Q84RFARI7	Probable E3 ubiquit	28.80	0.00
TRINITY_sp|B0E2UVPS10	Vacuolar protein so	28.80	0.00
TRINITY_sp|Q6RFHWDR74	WD repeat-containin	28.80	0.00
TRINITY_sp|O1553PDPK1	3-phosphoinositide-	28.80	0.00
TRINITY_sp|O1405SPCC1672	U3 small nucleolar	28.80	0.00
TRINITY_sp|Q8IS1gefJ	Ras guanine nucleot	28.80	0.00
TRINITY_sp|Q4G0IHYDIN	Hydrocephalus-induc	28.80	0.00
TRINITY_sp|Q8BU\Cndp1	Beta-Ala-His dipept	28.80	0.00
TRINITY_sp|Q95YIpefB	Penta-EF hand domai	28.80	0.00
TRINITY_sp|Q23TCTLL3A	Tubulin glycyclase 3	28.70	0.00
TRINITY_sp|Q647CPlk4	Serine/threonine-pr	28.70	0.00
TRINITY_sp|O4291ale1	Lysophospholipid ac	28.70	0.00
TRINITY_sp|Q5RAUACOX3	Peroxisomal acyl-co	28.70	0.00
TRINITY_sp|Q6P1CPLB1	Phospholipase B1, m	28.70	0.00
TRINITY_sp|Q9DG1star	Steroidogenic acute	28.70	0.00
TRINITY_sp|A2XDCUBP26	Ubiquitin carboxyl-	28.70	0.00
TRINITY_sp|Q9HK5rhaD	L-rhamnose 1-dehydr	28.70	0.00
TRINITY_sp|O5773alaXL	Alanyl-tRNA editing	28.70	0.00
TRINITY_sp|Q54P5osbI	Oxysterol-binding p	28.70	0.00
TRINITY_sp|Q65GCarab	Ribulokinase OS=Bac	28.70	0.00
TRINITY_sp|Q9ER5Capn12	Calpain-12 OS=Mus m	28.70	0.00
TRINITY_sp|Q0P5IACP2	Lysosomal acid phos	28.70	0.00
TRINITY_sp|Q9DBVCyp4v2	Cytochrome P450 4V2	28.70	0.00
TRINITY_sp|P0733CTSD	Cathepsin D OS=Homo	28.70	0.00
TRINITY_sp|Q9641CYP4C21	Cytochrome P450 4c2	28.70	0.00
TRINITY_sp|Q7KV5Trf4-1	Non-canonical poly(	28.70	0.00
TRINITY_sp|P9321TFT9	14-3-3 protein 9 OS	28.70	0.00
TRINITY_sp|A2AP1Plch2	1-phosphatidylinosi	28.70	0.00
TRINITY_sp|Q94KIVPS52	Vacuolar protein so	28.70	0.00
TRINITY_sp|Q9Y67CYP46A1	Cholesterol 24-hydr	28.70	0.00
TRINITY_sp|P9818CYP4F8	Cytochrome P450 4F8	28.70	0.00
TRINITY_sp|Q5597pola	DNA polymerase I OS	28.70	0.00
TRINITY_sp|Q0725-	Calcium/calmodulin-	28.70	0.00
TRINITY_sp|P6187-	Lipase OS=Rhizopus	28.70	0.00
TRINITY_sp|Q8BXIArfrp1	ADP-ribosylation fa	28.70	0.00
TRINITY_sp|Q1323PRKG2	cGMP-dependent prot	28.70	0.00
TRINITY_sp|A8FDCBPUM_16	(8-amino-7-oxononano	28.70	0.00
TRINITY_sp|Q96JECOG3	Conserved oligomeri	28.70	0.00

TRINITY_sp|Q2QMF0s12g060	(Protein ROOT HAIR D	28.70	0.00
TRINITY_sp|Q8IS1gfeE	Ras guanine nucleot	28.70	0.00
TRINITY_sp|P715(MexAM1_M	Putative carboxymet	28.70	0.00
TRINITY_sp|Q8GZ7TIC20-I	Protein TIC 20-I, c	28.70	0.00
TRINITY_sp|P0957nifa	Nif-specific regula	28.70	0.00
TRINITY_sp|A8MBUcobB	NAD-dependent prote	28.70	0.00
TRINITY_sp|P2648fixL	Sensor protein FixL	28.70	0.00
TRINITY_sp|Q8R15Znfx1	NFX1-type zinc fing	28.70	0.00
TRINITY_sp|Q7SXVemc3	ER membrane protein	28.60	0.00
TRINITY_sp|Q9SD1At3g5137	Probable protein ph	28.60	0.00
TRINITY_sp|P5397FAP1	FKBP12-associated p	28.60	0.00
TRINITY_sp|A0MEFCYCA3-3	Cyclin-A3-3 OS=Arab	28.60	0.00
TRINITY_sp|Q8TA1RHEBL1	GTPase RhebL1 OS=Ho	28.60	0.00
TRINITY_sp|Q1ZXHemc6	ER membrane protein	28.60	0.00
TRINITY_sp|Q2QNUTRS130	Trafficking protein	28.60	0.00
TRINITY_sp|Q5NC(Ttf2	Transcription termi	28.60	0.00
TRINITY_sp|B2RX6Plxnb2	Plexin-B2 OS=Mus mu	28.60	0.00
TRINITY_sp|Q6Z35Os07g028	Putative aldehyde o	28.60	0.00
TRINITY_sp|O1394ppk9	Protein kinase doma	28.60	0.00
TRINITY_sp|Q9LP5CIPK18	CBL-interacting ser	28.60	0.00
TRINITY_sp|O1363yvh1	Tyrosine-protein ph	28.60	0.00
TRINITY_sp|Q8RW1STY17	Serine/threonine-pr	28.60	0.00
TRINITY_sp|Q61Y(CBG03556	Leishmanolysin-like	28.60	0.00
TRINITY_sp|Q9Y0(ripA	Ras-interacting pro	28.60	0.00
TRINITY_sp|Q1503R3HDM1	R3H domain-containi	28.60	0.00
TRINITY_sp|Q75B3NOP12	Nucleolar protein 1	28.60	0.00
TRINITY_sp|Q96S1JMJD8	JmjC domain-contain	28.60	0.00
TRINITY_sp|Q9FR4NMT1	Phosphoethanolamine	28.60	0.00
TRINITY_sp|Q9LF7ACA8	Calcium-transportin	28.60	0.00
TRINITY_sp|Q2758Cyp4d2	Cytochrome P450 4d2	28.60	0.00
TRINITY_sp|Q9Z16Cog1	Conserved oligomeri	28.60	0.00
TRINITY_sp|Q6P83Caps1	Calcyphosin-like pr	28.60	0.00
TRINITY_sp|Q5RF7CHFR	E3 ubiquitin-protei	28.60	0.00
TRINITY_sp|Q8KI3tmoS	Sensor histidine ki	28.60	0.00
TRINITY_sp|Q9H6FNOL6	Nucleolar protein 6	28.60	0.00
TRINITY_sp|Q8HXH LONRF3	LON peptidase N-ter	28.60	0.00
TRINITY_sp|Q9LRIAt3g1743	Probable sugar phos	28.60	0.00
TRINITY_sp|Q7PZIAGAP0118	Clustered mitochond	28.60	0.00
TRINITY_sp|P0AG8pstS	Phosphate-binding p	28.60	0.00
TRINITY_sp|Q9Z3(Kcnj16	Inward rectifier po	28.60	0.00
TRINITY_sp|Q6EU1AGO1A	Protein argonaute 1	28.60	0.00
TRINITY_sp|Q9SY1At4g0290	CSC1-like protein A	28.60	0.00
TRINITY_sp|Q3E9(CPK34	Calcium-dependent p	28.60	0.00
TRINITY_sp|Q8T63abcA2	ABC transporter A f	28.60	0.00
TRINITY_sp|P3554Ret	Proto-oncogene tyro	28.50	0.00
TRINITY_sp|Q93Z5At3g1619	Probable inactive n	28.50	0.00
TRINITY_sp|P2507CML12	Calmodulin-like pro	28.50	0.00
TRINITY_sp|O749(bcp1	Protein bcp1 OS=Sch	28.50	0.00
TRINITY_sp|Q54D7rab4	Ras-related protein	28.50	0.00
TRINITY_sp|Q8VX1PDIL1-3	Protein disulfide i	28.50	0.00
TRINITY_sp|Q7ZY6uba2-b	SUMO-activating enz	28.50	0.00
TRINITY_sp|O5748-	Voltage-dependent L	28.50	0.00
TRINITY_sp|A2XH3ATG4A	Cysteine protease A	28.50	0.00
TRINITY_sp|Q9P63SPBC1683	Uncharacterized pro	28.50	0.00
TRINITY_sp|Q9ZQ1REIL2	Cytoplasmic 60S sub	28.50	0.00
TRINITY_sp|P4088-	Carbonic anhydrase,	28.50	0.00

TRINITY_sp|P0DK9qmcA	Protein QmcA OS=Wig	28.50	0.00
TRINITY_sp|Q1506POSTN	Periostin OS=Homo s	28.50	0.00
TRINITY_sp|Q9290HPS1	Hermansky-Pudlak sy	28.50	0.00
TRINITY_sp|P2704Man2a1	Alpha-mannosidase 2	28.50	0.00
TRINITY_sp|O8136-	Zeaxanthin epoxidas	28.50	0.00
TRINITY_sp|Q6BX9SLD5	DNA replication com	28.50	0.00
TRINITY_sp|Q96A4SYAP1	Synapse-associated	28.50	0.00
TRINITY_sp|Q9FJ7AT4	Probable long-chain	28.50	0.00
TRINITY_sp|Q54JEDDB_G028UPF0522	protein A O	28.50	0.00
TRINITY_sp|Q86Y5DNAAF5	Dynein assembly fac	28.50	0.00
TRINITY_sp|Q8BK0Tmem87b	Transmembrane prote	28.50	0.00
TRINITY_sp|Q6AZMslc30a6-	Zinc transporter 6-	28.50	0.00
TRINITY_sp|Q8H2IPOLH	DNA polymerase eta	28.50	0.00
TRINITY_sp|Q4KL6wdr76	WD repeat-containin	28.50	0.00
TRINITY_sp|Q91Z7Fgd4	FYVE, RhoGEF and PH	28.50	0.00
TRINITY_sp|Q9SL9Os05g015	Importin subunit al	28.50	0.00
TRINITY_sp|Q8RXVRBL14	Rhomboid-like prote	28.50	0.00
TRINITY_sp|F4HXVNUP155	Nuclear pore comple	28.50	0.00
TRINITY_sp|Q5JJ6TK1782	Uncharacterized ser	28.50	0.00
TRINITY_sp|P4352cya	Adenylate cyclase O	28.50	0.00
TRINITY_sp|Q149MSHPRH	E3 ubiquitin-protei	28.50	0.00
TRINITY_sp|Q969MPIGT	GPI transamidase co	28.50	0.00
TRINITY_sp|Q1457ITPR2	Inositol 1,4,5-tris	28.50	0.00
TRINITY_sp|Q96E9ADAT3	Probable inactive t	28.50	0.00
TRINITY_sp|P3117-	Autolysin OS=Chlamy	28.50	0.00
TRINITY_sp|Q4KL6znrf3	E3 ubiquitin-protei	28.40	0.00
TRINITY_sp|P1772-	Group 1 truncated h	28.40	0.00
TRINITY_sp|B8NDIabnA	Probable arabinan e	28.40	0.00
TRINITY_sp|Q8ILJPF14_025	Acidic leucine-rich	28.40	0.00
TRINITY_sp|A4FWWhisC	Histidinol-phosphat	28.40	0.00
TRINITY_sp|O0915Cyp3a25	Cytochrome P450 3A2	28.40	0.00
TRINITY_sp|Q6FIFYME2	Mitochondrial escap	28.40	0.00
TRINITY_sp|Q5NC0Ttf2	Transcription termi	28.40	0.00
TRINITY_sp|O1394erv25	Endoplasmic reticul	28.40	0.00
TRINITY_sp|Q9UT9SPAC8F11	Putative ribosome b	28.40	0.00
TRINITY_sp|Q6448Cyp3a16	Cytochrome P450 3A1	28.40	0.00
TRINITY_sp|A8WRkin-29	Serine/threonine-pr	28.40	0.00
TRINITY_sp|Q9ZQJREIL2	Cytoplasmic 60S sub	28.40	0.00
TRINITY_sp|Q54WfforA	Formin-A OS=Dictyos	28.40	0.00
TRINITY_sp|Q0979kri1	Protein kri1 OS=Sch	28.40	0.00
TRINITY_sp|Q9WZVtruB	tRNA pseudouridine	28.40	0.00
TRINITY_sp|Q9LT9VPS9A	Vacuolar protein so	28.40	0.00
TRINITY_sp|Q4L9Fdrp35	Lactonase drp35 OS=	28.40	0.00
TRINITY_sp|Q5JJ9Os01g054	Protein kinase and	28.40	0.00
TRINITY_sp|A4UH9SALR	Salutaridine reduct	28.40	0.00
TRINITY_sp|Q7SC9sym-1	Protein sym-1 OS=Ne	28.40	0.00
TRINITY_sp|Q5ZJIABHD13	Protein ABHD13 OS=G	28.40	0.00
TRINITY_sp|Q8R30Tspan8	Tetraspanin-8 OS=Mu	28.40	0.00
TRINITY_sp|Q9UH9PGAP2	Post-GPI attachment	28.40	0.00
TRINITY_sp|Q8RXFAGD14	Probable ADP-ribosy	28.40	0.00
TRINITY_sp|Q6AUCQSOX1	Sulfhydryl oxidase	28.40	0.00
TRINITY_sp|P5094AVT4	Vacuolar amino acid	28.40	0.00
TRINITY_sp|P1555acyII	Penicillin acylase	28.40	0.00
TRINITY_sp|O2359At4g1755	Putative glycerol-3	28.40	0.00
TRINITY_sp|Q70C9USP34	Ubiquitin carboxyl-	28.40	0.00
TRINITY_sp|Q9924CACNA1D	Voltage-dependent L	28.40	0.00

TRINITY_sp|Q7PZIAGAP011	Clustered mitochond	28.40	0.00
TRINITY_sp|P178	recN DNA repair protein	28.40	0.00
TRINITY_sp|P581	Plscr1 Phospholipid scramb	28.40	0.00
TRINITY_sp|P383	PHO89 Phosphate permease	28.40	0.00
TRINITY_sp|Q8L9	P4H7 Probable prolyl 4-h	28.40	0.00
TRINITY_sp|Q015	Gstt1 Glutathione S-trans	28.40	0.00
TRINITY_sp|Q9US	ubp1 Probable ubiquitin	28.40	0.00
TRINITY_sp|P263	U2AF2 Splicing factor U2A	28.40	0.00
TRINITY_sp|A8JF	CFAP65 Cilia- and flagella	28.40	0.00
TRINITY_sp|Q6NU	PPP4R4 Serine/threonine-pr	28.40	0.00
TRINITY_sp|Q7LH	TY3B-I Transposon Ty3-I Ga	28.40	0.00
TRINITY_sp|Q75L	OSH10 Homeobox protein kn	28.40	0.00
TRINITY_sp|Q8TB	PUM2 Pumilio homolog 2 O	28.40	0.00
TRINITY_sp|P577	At5g406 Cystinosin homolog	28.30	0.00
TRINITY_sp|Q5VJ	igt9 Probable serine/thr	28.30	0.00
TRINITY_sp|P867	- Gigasin-6 OS=Crasso	28.30	0.00
TRINITY_sp|Q6DE	smndc1 Survival of motor n	28.30	0.00
TRINITY_sp|P469	(yccK Uncharacterized oxi	28.30	0.00
TRINITY_sp|Q0C0	atpH ATP synthase subuni	28.30	0.00
TRINITY_sp|P423	zCNB1 Calcineurin subunit	28.30	0.00
TRINITY_sp|P204	- 23 kDa calcium-bind	28.30	0.00
TRINITY_sp|P106	PRKAR1A cAMP-dependent prot	28.30	0.00
TRINITY_sp|Q3EB	(PAT17 Probable protein S-	28.30	0.00
TRINITY_sp|Q9P2	USP36 Ubiquitin carboxyl-	28.30	0.00
TRINITY_sp|Q96B	ATG2B Autophagy-related p	28.30	0.00
TRINITY_sp|P569	cphB Cyanophycinase OS=G	28.30	0.00
TRINITY_sp|Q54I	4slc44a2 Choline transporter	28.30	0.00
TRINITY_sp|P541	(ypgQ Uncharacterized pro	28.30	0.00
TRINITY_sp|P934	(BP80 Vacuolar-sorting re	28.30	0.00
TRINITY_sp|P360	SRP102 Signal recognition	28.30	0.00
TRINITY_sp|O151	(VILL Villin-like protein	28.30	0.00
TRINITY_sp|B5F0	(yfeW UPF0214 protein Yfe	28.30	0.00
TRINITY_sp|Q9C9	(VIP5 Protein RTF1 homolo	28.30	0.00
TRINITY_sp|Q8TW	FMK0970 Glyceraldehyde 3-ph	28.30	0.00
TRINITY_sp|Q9C6	(GAMMACA2 Gamma carbonic anhy	28.30	0.00
TRINITY_sp|Q7XW	(Os04g02 Probable cleavage a	28.30	0.00
TRINITY_sp|Q926	(NSMAF Protein FAN OS=Homo	28.30	0.00
TRINITY_sp|Q9HD	(cwh43 Protein cwh43 OS=Sc	28.30	0.00
TRINITY_sp|Q6GL	(dscc1 Sister chromatid co	28.30	0.00
TRINITY_sp|Q08B	(jmjd4 JmjC domain-contain	28.30	0.00
TRINITY_sp|Q9NY	IZAK Mitogen-activated p	28.30	0.00
TRINITY_sp|Q54L	(DDB0186 Calcium uniporter p	28.30	0.00
TRINITY_sp|A4RD	(TIF34 Eukaryotic translat	28.30	0.00
TRINITY_sp|Q9UK	(PARP4 Poly [ADP-ribose] p	28.30	0.00
TRINITY_sp|O942	mdn1 Midasin OS=Schizosa	28.30	0.00
TRINITY_sp|O147	(MAP2K7 Dual specificity mi	28.30	0.00
TRINITY_sp|Q8BR	(Maats1 Protein MAATS1 OS=M	28.30	0.00
TRINITY_sp|Q75W	(Vwa5a von Willebrand fact	28.30	0.00
TRINITY_sp|Q84M	(MSL9 Mechanosensitive io	28.30	0.00
TRINITY_sp|Q86G	(gcy-28 Receptor-type guany	28.30	0.00
TRINITY_sp|B9DF	(At5g474 E3 ubiquitin ligase	28.30	0.00
TRINITY_sp|Q8IV	(TBC1D10 Carabin OS=Homo sap	28.30	0.00
TRINITY_sp|O744	(SPCC184 Uncharacterized pro	28.20	0.00
TRINITY_sp|Q54E	(abcC7 ABC transporter C f	28.20	0.00
TRINITY_sp|P423	(Nca Neurocalcin homolog	28.20	0.00
TRINITY_sp|Q9D2	(Iqch IQ domain-containin	28.20	0.00

TRINITY_sp|Q91YIWas1	Neural Wiskott-Aldr	28.20	0.00
TRINITY_sp|Q54B|DDB_G02	LIMR family protein	28.20	0.00
TRINITY_sp|Q9JL|Bace2	Beta-secretase 2 OS	28.20	0.00
TRINITY_sp|Q104|etr1	Probable trans-2-en	28.20	0.00
TRINITY_sp|P204|-	23 kDa calcium-bind	28.20	0.00
TRINITY_sp|Q4R0|rbmC	2-deoxy-scyлло-inos	28.20	0.00
TRINITY_sp|Q2NL|PARP6	Poly [ADP-ribose] p	28.20	0.00
TRINITY_sp|Q54X|rcckA	RGS domain-containi	28.20	0.00
TRINITY_sp|Q9BZ|GTPBP4	Nucleolar GTP-bindi	28.20	0.00
TRINITY_sp|Q9HC|IGPAM	Glycerol-3-phosphat	28.20	0.00
TRINITY_sp|P518|Cyp4f4	Cytochrome P450 4F4	28.20	0.00
TRINITY_sp|Q059|Ptprg	Receptor-type tyros	28.20	0.00
TRINITY_sp|O233|BLUS1	Serine/threonine-pr	28.20	0.00
TRINITY_sp|Q9LS|CASP	Protein CASP OS=Ara	28.20	0.00
TRINITY_sp|Q59K|APE2	Aminopeptidase 2 OS	28.20	0.00
TRINITY_sp|Q54R|agta	UDP-galactose:fucos	28.20	0.00
TRINITY_sp|Q54P|gefA	Ras guanine nucleot	28.20	0.00
TRINITY_sp|Q54Y|elmoA	ELMO domain-contain	28.20	0.00
TRINITY_sp|C0LT|CERK	Ceramide kinase OS=	28.20	0.00
TRINITY_sp|Q91W|Kif18a	Kinesin-like protei	28.20	0.00
TRINITY_sp|P521|yfjv	Putative arsenical	28.20	0.00
TRINITY_sp|P0C0|irpfC	Sensory/regulatory	28.20	0.00
TRINITY_sp|Q5U2|Plbd1	Phospholipase B-lik	28.20	0.00
TRINITY_sp|P543|Lipe	Hormone-sensitive l	28.20	0.00
TRINITY_sp|Q125|RKM4	Ribosomal lysine N-	28.20	0.00
TRINITY_sp|Q5QD|SUVH3	Histone-lysine N-me	28.20	0.00
TRINITY_sp|B8MG|vps10	Vacuolar protein so	28.20	0.00
TRINITY_sp|Q70C|USP34	Ubiquitin carboxyl-	28.20	0.00
TRINITY_sp|Q9JL|Sart3	Squamous cell carci	28.20	0.00
TRINITY_sp|Q9U5|-	V-type proton ATPas	28.20	0.00
TRINITY_sp|Q4ZP|quiP	Acyl-homoserine lac	28.20	0.00
TRINITY_sp|Q8WU|NUP133	Nuclear pore comple	28.20	0.00
TRINITY_sp|Q1JQ|FBLIM1	Filamin-binding LIM	28.10	0.00
TRINITY_sp|Q149|SHPRH	E3 ubiquitin-protei	28.10	0.00
TRINITY_sp|P739|hhoB	Putative serine pro	28.10	0.00
TRINITY_sp|Q9CR|Ccdc96	Coiled-coil domain-	28.10	0.00
TRINITY_sp|Q027|RKIN1	Carbon catabolite-d	28.10	0.00
TRINITY_sp|Q3EA|ZIFL2	Probable peptide/ni	28.10	0.00
TRINITY_sp|Q4WC|mrs2	Mitochondrial inner	28.10	0.00
TRINITY_sp|Q54P|ilvsF	BEACH domain-contai	28.10	0.00
TRINITY_sp|Q6ZV|TTLL10	Inactive polyglycyl	28.10	0.00
TRINITY_sp|P794|CYP3A29	Cytochrome P450 3A2	28.10	0.00
TRINITY_sp|Q644|Ptk6	Protein-tyrosine ki	28.10	0.00
TRINITY_sp|Q9D8|Ascc1	Activating signal c	28.10	0.00
TRINITY_sp|Q3T0|WDYHV1	Protein N-terminal	28.10	0.00
TRINITY_sp|Q0IX|Os10g041	Acylamino-acid-rele	28.10	0.00
TRINITY_sp|Q6ZF|ADL1	Calpain-type cystei	28.10	0.00
TRINITY_sp|Q6DE|chek1	Serine/threonine-pr	28.10	0.00
TRINITY_sp|P328|STX2	Syntaxin-2 OS=Homo	28.10	0.00
TRINITY_sp|P290|gtf2b	Transcription initi	28.10	0.00
TRINITY_sp|Q8NH|MFSD8	Major facilitator s	28.10	0.00
TRINITY_sp|Q8BG|Slc25a4	Solute carrier fami	28.10	0.00
TRINITY_sp|O428|fcf2	rRNA-processing pro	28.10	0.00
TRINITY_sp|Q9BX|BRIP1	Fanconi anemia grou	28.10	0.00
TRINITY_sp|P715|MexAM1	Putative carboxymet	28.10	0.00
TRINITY_sp|A8WY|par-1	Serine/threonine-pr	28.10	0.00

TRINITY_sp|Q5M75PAT12	Probable protein S-	28.10	0.00
TRINITY_sp|Q9M1IBGLU27	Beta-glucosidase 27	28.10	0.00
TRINITY_sp|O0915Man2b1	Lysosomal alpha-man	28.10	0.00
TRINITY_sp|Q08A7PRMT6	Probable protein ar	28.10	0.00
TRINITY_sp|Q9XV1rrrbs-1	Ribosome biogenesis	28.10	0.00
TRINITY_sp|A5UW2nfi	Endonuclease V OS=R	28.10	0.00
TRINITY_sp|Q9T01SPA2	Protein SPA1-RELATE	28.10	0.00
TRINITY_sp|P3326CYP3A8	Cytochrome P450 3A8	28.10	0.00
TRINITY_sp|Q2622ku70	ATP-dependent DNA h	28.10	0.00
TRINITY_sp|A9B77Haur_175	UPF0060 membrane pr	28.10	0.00
TRINITY_sp|Q0575Dbh	Dopamine beta-hydro	28.10	0.00
TRINITY_sp|Q84M2ABCA1	ABC transporter A f	28.10	0.00
TRINITY_sp|C8YR3Loxhd1	Lipoxygenase homolo	28.10	0.00
TRINITY_sp|Q9C87ABCC11	ABC transporter C f	28.10	0.00
TRINITY_sp|Q54E7abpF	Actin-binding prote	28.10	0.00
TRINITY_sp|Q9DBV Cyp4v2	Cytochrome P450 4V2	28.10	0.00
TRINITY_sp|O4303rpa43	DNA-directed RNA po	28.00	0.00
TRINITY_sp|Q29A7GA17800	Leishmanolysin-like	28.00	0.00
TRINITY_sp|Q86K5chmp7	Charged multivesicu	28.00	0.00
TRINITY_sp|Q9P21CHD7	Chromodomain-helica	28.00	0.00
TRINITY_sp|Q1MT1SPBC16D1	Probable assembly c	28.00	0.00
TRINITY_sp|Q5TD5RSPH4A	Radial spoke head p	28.00	0.00
TRINITY_sp|Q9ZR7ABCB1	ABC transporter B f	28.00	0.00
TRINITY_sp|Q9WU4CLCN2	Chloride channel pr	28.00	0.00
TRINITY_sp|Q89A1bbp_296	Uncharacterized met	28.00	0.00
TRINITY_sp|Q1MT1vid27	Vacuolar import and	28.00	0.00
TRINITY_sp|Q9451DTX47	Protein DETOXIFICAT	28.00	0.00
TRINITY_sp|Q54T7drkC	Probable serine/thr	28.00	0.00
TRINITY_sp|Q9BT7TBCD	Tubulin-specific ch	28.00	0.00
TRINITY_sp|O2432-	Vacuolar-processing	28.00	0.00
TRINITY_sp|P0866CYP3A4	Cytochrome P450 3A4	28.00	0.00
TRINITY_sp|A2VDUMAP3K7	Mitogen-activated p	28.00	0.00
TRINITY_sp|P4716XPT1	Xanthine phosphorib	28.00	0.00
TRINITY_sp|Q80UAnkzfl	Ankyrin repeat and	28.00	0.00
TRINITY_sp|Q54P6gefA	Ras guanine nucleot	28.00	0.00
TRINITY_sp|H3K21MED12	Mediator of RNA pol	28.00	0.00
TRINITY_sp|Q80T8Dcaf5	DDB1- and CUL4-asso	28.00	0.00
TRINITY_sp|Q54Y5shkC	Dual specificity pr	28.00	0.00
TRINITY_sp|Q54B6mcfZ	Mitochondrial subst	28.00	0.00
TRINITY_sp|Q54W7forA	Formin-A OS=Dictyos	28.00	0.00
TRINITY_sp|Q5AD7MNN24	Alpha-1,2-mannosylt	28.00	0.00
TRINITY_sp|Q8C01Cog5	Conserved oligomeri	28.00	0.00
TRINITY_sp|Q0364YMR210W	Putative esterase Y	28.00	0.00
TRINITY_sp|P2774acoC	Dihydrolipoyllysine	28.00	0.00
TRINITY_sp|A2RUC TYW5	tRNA wybutosine-syn	28.00	0.00
TRINITY_sp|Q78Z7Nap114	Nucleosome assembly	27.90	0.00
TRINITY_sp|Q2156amt-3	Putative ammonium t	27.90	0.00
TRINITY_sp|F1MK(RNF170	E3 ubiquitin-protei	27.90	0.00
TRINITY_sp|O0425IMPA3	Importin subunit al	27.90	0.00
TRINITY_sp|Q69Q2Os02g075	Probable protein ph	27.90	0.00
TRINITY_sp|P4003ERG28	Ergosterol biosynth	27.90	0.00
TRINITY_sp|Q96CNEVI5L	EVI5-like protein O	27.90	0.00
TRINITY_sp|Q9C91CUL3B	Cullin-3B OS=Arabid	27.90	0.00
TRINITY_sp|Q8NC(DAGLB	Sn1-specific diacyl	27.90	0.00
TRINITY_sp|P0AA5qmcA	Protein QmcA OS=Esc	27.90	0.00
TRINITY_sp|O2255STY8	Serine/threonine-pr	27.90	0.00

TRINITY_sp|Q9UT8SPAC343	Uncharacterized WD	27.90	0.00
TRINITY_sp|P4655cdk-12	Cyclin-dependent ki	27.90	0.00
TRINITY_sp|Q7ZY0cept1	Choline/ethanolamin	27.90	0.00
TRINITY_sp|P3881TRA1	Transcription-assoc	27.90	0.00
TRINITY_sp|E1BY0MSH6	DNA mismatch repair	27.90	0.00
TRINITY_sp|O6457UBA1C	UBP1-associated pro	27.90	0.00
TRINITY_sp|P1555acyII	Penicillin acylase	27.90	0.00
TRINITY_sp|Q5E98SLC38A5	Sodium-coupled neut	27.90	0.00
TRINITY_sp|Q9FV0At1g3209	CSC1-like protein A	27.90	0.00
TRINITY_sp|O7450SPCC594	Uncharacterized pro	27.90	0.00
TRINITY_sp|Q5BK1Capn13	Calpain-13 OS=Rattu	27.90	0.00
TRINITY_sp|Q54V0hdaC	Type-2 histone deac	27.90	0.00
TRINITY_sp|Q6NR1ppp6r3-a	Serine/threonine-pr	27.90	0.00
TRINITY_sp|Q9UT2pvg1	Pyruvyl transferase	27.90	0.00
TRINITY_sp|Q9FL7ABCA12	ABC transporter A f	27.90	0.00
TRINITY_sp|Q6CL8CDC123	Cell division cycle	27.90	0.00
TRINITY_sp|P3475FAB1	1-phosphatidylinosi	27.80	0.00
TRINITY_sp|Q54R1dhkL	Hybrid signal trans	27.80	0.00
TRINITY_sp|Q5517DDB_G027	Protein DDB_G027668	27.80	0.00
TRINITY_sp|Q8691pakB	Serine/threonine-pr	27.80	0.00
TRINITY_sp|Q1770cp	Hermansky-Pudlak sy	27.80	0.00
TRINITY_sp|P4284YNL320W	Uncharacterized mem	27.80	0.00
TRINITY_sp|Q8CH1Tt115	Tubulin polyglutamy	27.80	0.00
TRINITY_sp|P3579CHKA	Choline kinase alph	27.80	0.00
TRINITY_sp|P1275RSP3	Flagellar radial sp	27.80	0.00
TRINITY_sp|Q5NC0Ttf2	Transcription termi	27.80	0.00
TRINITY_sp|Q9MA0At1g0497	Putative BPI/LBP fa	27.80	0.00
TRINITY_sp|P9WG0MT1753.1	Uncharacterized oxi	27.80	0.00
TRINITY_sp|P7988GUCA1B	Guanylyl cyclase-ac	27.80	0.00
TRINITY_sp|Q9HC0SEN2	Senrin-specific pr	27.80	0.00
TRINITY_sp|Q9XH5ETR2	Ethylene receptor 2	27.80	0.00
TRINITY_sp|Q1LU0fam206a	Protein Simiate OS=	27.80	0.00
TRINITY_sp|F4IC0RBL10	RHOMBOID-like prote	27.80	0.00
TRINITY_sp|P9WK8MT0656	Uncharacterized pro	27.80	0.00
TRINITY_sp|Q7LF0CHST15	Carbohydrate sulfot	27.80	0.00
TRINITY_sp|O4375STX6	Syntaxin-6 OS=Homo	27.80	0.00
TRINITY_sp|Q9FG0MAG5	Protein transport p	27.80	0.00
TRINITY_sp|Q76PI0SPCC1223	E3 ubiquitin-protei	27.80	0.00
TRINITY_sp|Q8TD0DNAH3	Dynein heavy chain	27.80	0.00
TRINITY_sp|Q99P2Mutyh	Adenine DNA glycosy	27.80	0.00
TRINITY_sp|Q9NU2MDN1	Midasin OS=Homo sap	27.80	0.00
TRINITY_sp|Q86W1PKHD1L1	Fibrocystin-L OS=Ho	27.80	0.00
TRINITY_sp|Q9QY2Smok2a	Sperm motility kina	27.70	0.00
TRINITY_sp|Q4PL0HPCA	Neuron-specific cal	27.70	0.00
TRINITY_sp|Q95J0IAK7	Adenylate kinase 7	27.70	0.00
TRINITY_sp|Q9UT2pvg1	Pyruvyl transferase	27.70	0.00
TRINITY_sp|Q9XG0TIM9	Mitochondrial impor	27.70	0.00
TRINITY_sp|Q54Z2nol9	Polynucleotide 5'-h	27.70	0.00
TRINITY_sp|Q6440Cyp3a13	Cytochrome P450 3A1	27.70	0.00
TRINITY_sp|Q2397Myo61F	Myosin-IB OS=Drosop	27.70	0.00
TRINITY_sp|Q6PD1Ip6k1	Inositol hexakispho	27.70	0.00
TRINITY_sp|Q96M0NSMCE3	Non-structural main	27.70	0.00
TRINITY_sp|Q8CF0Scyl2	SCY1-like protein 2	27.70	0.00
TRINITY_sp|Q8BIVPrune	Protein prune homol	27.70	0.00
TRINITY_sp|O4892ETR1	Ethylene receptor 0	27.70	0.00
TRINITY_sp|Q08D2ELMOD2	ELMO domain-contain	27.70	0.00

TRINITY_sp|Q6YZ4RPA1A	Replication protein	27.70	0.00
TRINITY_sp|Q55E7frmB	FERM domain-contain	27.70	0.00
TRINITY_sp|Q9TUMSTAT5B	Signal transducer a	27.70	0.00
TRINITY_sp|O444(F37C4.5	Protein F37C4.5 OS=	27.70	0.00
TRINITY_sp|O4264SPAC10F6	RCC1 repeat-contain	27.70	0.00
TRINITY_sp|O1569-	Trypanin OS=Trypano	27.70	0.00
TRINITY_sp|Q9SU6CHX17	Cation/H(+) antipor	27.70	0.00
TRINITY_sp|Q0496DNAJ1	DnaJ protein homolo	27.70	0.00
TRINITY_sp|Q0068gp63	Leishmanolysin OS=L	27.70	0.00
TRINITY_sp|Q75J9cpras1	Circularly permutat	27.70	0.00
TRINITY_sp|Q149NWD1	NACHT domain- and W	27.70	0.00
TRINITY_sp|Q9V66CG16935	Probable trans-2-en	27.70	0.00
TRINITY_sp|Q0554HRQ1	ATP-dependent helic	27.70	0.00
TRINITY_sp|P9752Nf1	Neurofibromin OS=Ra	27.70	0.00
TRINITY_sp|P0678CMD1	Calmodulin OS=Sacch	27.70	0.00
TRINITY_sp|Q23T6TLL3A	Tubulin glycyclase 3	27.70	0.00
TRINITY_sp|Q6PD1-	UPF0668 protein C10	27.70	0.00
TRINITY_sp|Q8BW7Usp38	Ubiquitin carboxyl-	27.70	0.00
TRINITY_sp|P1149PHO8	Repressible alkalin	27.70	0.00
TRINITY_sp|G5EFVdaf-10	Intraflagellar tran	27.70	0.00
TRINITY_sp|Q86G4gefQ	Ras guanine nucleot	27.70	0.00
TRINITY_sp|O7442SPCC162	Uncharacterized pro	27.70	0.00
TRINITY_sp|Q9EP5Tsc1	Hamartin OS=Mus mus	27.70	0.00
TRINITY_sp|Q5Z98Os06g072	Serine/threonine-pr	27.70	0.00
TRINITY_sp|Q9Y11NELF-B	Negative elongation	27.70	0.00
TRINITY_sp|Q99NIRwdd1	RWD domain-containi	27.70	0.00
TRINITY_sp|Q930(USP9X	Probable ubiquitin	27.70	0.00
TRINITY_sp|P3471-	Elongation factor 1	27.70	0.00
TRINITY_sp|Q6B92vwkA	Alpha-protein kinas	27.70	0.00
TRINITY_sp|Q56A4ccdc40	Coiled-coil domain-	27.70	0.00
TRINITY_sp|O1416SPAC4A8	Putative lipase C4A	27.70	0.00
TRINITY_sp|Q6FM6ATG18	Autophagy-related p	27.70	0.00
TRINITY_sp|Q6XH7roco9	Probable serine/thr	27.70	0.00
TRINITY_sp|A7RF7cdc123	Cell division cycle	27.70	0.00
TRINITY_sp|O3177pbpX	Putative penicillin	27.70	0.00
TRINITY_sp|Q86H6DDB_G027	Probable serine/thr	27.70	0.00
TRINITY_sp|F4KD7DUR3	Urea-proton symport	27.70	0.00
TRINITY_sp|P3446clu-1	Clustered mitochond	27.70	0.00
TRINITY_sp|Q9P2FCC2D2A	Coiled-coil and C2	27.70	0.00
TRINITY_sp|Q8L61SEC31B	Protein transport p	27.70	0.00
TRINITY_sp|Q8TB1SLC25A40	Solute carrier fami	27.60	0.00
TRINITY_sp|A8ILF6CFAP52	Cilia- and flagella	27.60	0.00
TRINITY_sp|Q8C16Cpnel	Copine-1 OS=Mus mus	27.60	0.00
TRINITY_sp|P2013BET2	Geranylgeranyl tran	27.60	0.00
TRINITY_sp|P0C87Jmjd7	JmjC domain-contain	27.60	0.00
TRINITY_sp|Q9BQ6GRWD1	Glutamate-rich WD r	27.60	0.00
TRINITY_sp|Q8CHF7t115	Tubulin polyglutamy	27.60	0.00
TRINITY_sp|Q9FF4ABCG28	ABC transporter G f	27.60	0.00
TRINITY_sp|Q8051ctse-b	Cathepsin E-B OS=Xe	27.60	0.00
TRINITY_sp|P5349AC	Actin OS=Chondrus c	27.60	0.00
TRINITY_sp|Q2KJ7USP21	Ubiquitin carboxyl-	27.60	0.00
TRINITY_sp|Q8VZ6TSN1	Ribonuclease TUDOR	27.60	0.00
TRINITY_sp|Q8R0VCes4a	Carboxylesterase 4A	27.60	0.00
TRINITY_sp|A2X5ESWEET15	Bidirectional sugar	27.60	0.00
TRINITY_sp|Q86CFatg8	Autophagy-related p	27.60	0.00
TRINITY_sp|Q9FT5GTE6	Transcription facto	27.60	0.00

TRINITY_sp|A4YI{Msed_2003-hydroxypropionyl-		27.60	0.00
TRINITY_sp|O2217PAB4	Polyadenylate-bindin	27.60	0.00
TRINITY_sp|Q8LLINUP96	Nuclear pore comple	27.60	0.00
TRINITY_sp|Q80ZFWdtc1	WD and tetratricope	27.60	0.00
TRINITY_sp|Q8TG7rrp42	Exosome complex com	27.60	0.00
TRINITY_sp|Q0502RRP5	rRNA biogenesis pro	27.60	0.00
TRINITY_sp|Q7ZX3jmjd6-b	Bifunctional argini	27.60	0.00
TRINITY_sp|P7416sll1374	Uncharacterized sym	27.60	0.00
TRINITY_sp|Q67B3A4galt	Lactosylceramide 4-	27.60	0.00
TRINITY_sp|Q9BV3SLC25A23	Calcium-binding mit	27.60	0.00
TRINITY_sp|P3442dpf-6	Dipeptidyl peptidas	27.60	0.00
TRINITY_sp|Q8CDMLrrc9	Leucine-rich repeat	27.60	0.00
TRINITY_sp|Q5U37klhl12	Kelch-like protein	27.60	0.00
TRINITY_sp|Q2NL6PARP6	Poly [ADP-ribose] p	27.60	0.00
TRINITY_sp|Q8LJVACR4	ACT domain-containi	27.60	0.00
TRINITY_sp|B5FY3ARL3	ADP-ribosylation fa	27.60	0.00
TRINITY_sp|Q6B93vwkA	Alpha-protein kinas	27.50	0.00
TRINITY_sp|D4AP3ARB_0622	Probable thioredoxi	27.50	0.00
TRINITY_sp|Q6NU7MFSD12	Major facilitator s	27.50	0.00
TRINITY_sp|A1L44BPM6	BTB/POZ and MATH do	27.50	0.00
TRINITY_sp|Q54N5dynB	Dynactin subunit 2	27.50	0.00
TRINITY_sp|Q9JI3A4galt	Lactosylceramide 4-	27.50	0.00
TRINITY_sp|Q54P3fcf60	Counting factor 60	27.50	0.00
TRINITY_sp|Q84C3viod	Capreomycinidene synt	27.50	0.00
TRINITY_sp|Q6C13CDC123	Cell division cycle	27.50	0.00
TRINITY_sp|Q54J3fabcc3	ABC transporter C f	27.50	0.00
TRINITY_sp|Q56Z3VSR4	Vacuolar-sorting re	27.50	0.00
TRINITY_sp|Q4Z83RanBPM	Ran-binding protein	27.50	0.00
TRINITY_sp|P4352cya	Adenylate cyclase O	27.50	0.00
TRINITY_sp|Q9SK3MON1	Vacuolar fusion pro	27.50	0.00
TRINITY_sp|Q99N3Cep41	Centrosomal protein	27.50	0.00
TRINITY_sp|Q6AX3Ddx11	ATP-dependent DNA h	27.50	0.00
TRINITY_sp|Q54P3gefA	Ras guanine nucleot	27.50	0.00
TRINITY_sp|Q9QZ3Abhd1	Protein ABHD1 OS=Mu	27.50	0.00
TRINITY_sp|B1XL3tig	Trigger factor OS=S	27.50	0.00
TRINITY_sp|Q8VX3XEG113	Arabinosyltransfera	27.50	0.00
TRINITY_sp|Q0023melO	Tyrosinase OS=Asper	27.50	0.00
TRINITY_sp|Q7ZU3parn	Poly(A)-specific ri	27.50	0.00
TRINITY_sp|B3E63glmM	Phosphoglucosamine	27.50	0.00
TRINITY_sp|Q5023lpcat2	Lysophosphatidylcho	27.50	0.00
TRINITY_sp|Q8GT3TIC40	Protein TIC 40, chl	27.50	0.00
TRINITY_sp|Q9CA3LOX6	Lipoxygenase 6, chl	27.50	0.00
TRINITY_sp|Q9RT3sbcC	Nuclease SbcCD subu	27.50	0.00
TRINITY_sp|B6ET3SYT2	Synaptotagmin-2 OS=	27.50	0.00
TRINITY_sp|Q9QY3Dnajc7	DnaJ homolog subfam	27.50	0.00
TRINITY_sp|O1363SPAC11E3	Uncharacterized RWD	27.50	0.00
TRINITY_sp|A8G73ppc	Phosphoenolpyruvate	27.50	0.00
TRINITY_sp|Q8RW3SCD2	Coiled-coil domain-	27.50	0.00
TRINITY_sp|Q9Y73SPCC569	Aromatic amino acid	27.50	0.00
TRINITY_sp|O3463yloA	Uncharacterized pro	27.50	0.00
TRINITY_sp|O6073PLA2G6	85/88 kDa calcium-i	27.50	0.00
TRINITY_sp|Q9SV3EDTX45	Protein DETOXIFICAT	27.50	0.00
TRINITY_sp|A6ZM3PIF1	ATP-dependent DNA h	27.50	0.00
TRINITY_sp|Q9C83ABCG13	ABC transporter G f	27.40	0.00
TRINITY_sp|Q6D33idi	Isopentenyl-diphosp	27.40	0.00
TRINITY_sp|O0084-	Uncharacterized 80	27.40	0.00

TRINITY_sp|D3ZENMicall12	MICAL-like protein	27.40	0.00
TRINITY_sp|Q8GWFOS9	Protein OS-9 homolo	27.40	0.00
TRINITY_sp|Q9647CYP4C21	Cytochrome P450 4c2	27.40	0.00
TRINITY_sp|O6244Y43F4A.1	Leishmanolysin-like	27.40	0.00
TRINITY_sp|Q01F(Ogd	Prolyl 3,4-dihydrox	27.40	0.00
TRINITY_sp|Q17Q2TFDP1	Transcription facto	27.40	0.00
TRINITY_sp|Q5TFEINT5DC1	5'-nucleotidase dom	27.40	0.00
TRINITY_sp|Q8W02CCR4-1	Carbon catabolite r	27.40	0.00
TRINITY_sp|Q6UV3MOXD1	DBH-like monooxygen	27.40	0.00
TRINITY_sp|Q8IS1gefJ	Ras guanine nucleot	27.40	0.00
TRINITY_sp|Q1ZXIDDB_G028	Sphingomyelinase DD	27.40	0.00
TRINITY_sp|Q8KEMCT0663	UPF0301 protein CT0	27.40	0.00
TRINITY_sp|O5487Hmgb3	High mobility group	27.40	0.00
TRINITY_sp|P7068PLA2G7	Platelet-activating	27.40	0.00
TRINITY_sp|P3899MSS4	Probable phosphatid	27.40	0.00
TRINITY_sp|A4Q09Tt1110	Protein polyglycyla	27.40	0.00
TRINITY_sp|B3DNAPC6	Anaphase-promoting	27.40	0.00
TRINITY_sp|Q7ZVFwdr75	WD repeat-containin	27.40	0.00
TRINITY_sp|Q8JH1ar113b	ADP-ribosylation fa	27.40	0.00
TRINITY_sp|Q9M08ISA3	Isoamylase 3, chlor	27.40	0.00
TRINITY_sp|P4189scn1	Cut9-interacting pr	27.40	0.00
TRINITY_sp|Q94KIVPS52	Vacuolar protein so	27.40	0.00
TRINITY_sp|Q9699UTP4	U3 small nucleolar	27.40	0.00
TRINITY_sp|Q0849PDE4D	cAMP-specific 3',5'	27.40	0.00
TRINITY_sp|Q9SA5CSP41B	Chloroplast stem-lo	27.40	0.00
TRINITY_sp|Q6TN8paklip1	p21-activated prote	27.40	0.00
TRINITY_sp|Q9VY9Evi5	Ecotropic viral int	27.40	0.00
TRINITY_sp|Q17R8GEN1	Flap endonuclease G	27.40	0.00
TRINITY_sp|Q6ZUC-	Uncharacterized pro	27.40	0.00
TRINITY_sp|Q8S19Os01g092	Probable glucuronos	27.40	0.00
TRINITY_sp|Q9NP8POLM	DNA-directed DNA/RN	27.40	0.00
TRINITY_sp|P3352ABCC1	Multidrug resistanc	27.30	0.00
TRINITY_sp|Q8CN4SE_2036	Uncharacterized oxi	27.30	0.00
TRINITY_sp|Q9MA5ACBP4	Acyl-CoA-binding do	27.30	0.00
TRINITY_sp|Q9VL7CCDC53	WASH complex subuni	27.30	0.00
TRINITY_sp|P3457epac-1	Rap guanine nucleot	27.30	0.00
TRINITY_sp|Q96S1JMJD8	JmjC domain-contain	27.30	0.00
TRINITY_sp|Q9Z12Eif2ak3	Eukaryotic translat	27.30	0.00
TRINITY_sp|O9601CHEK2	Serine/threonine-pr	27.30	0.00
TRINITY_sp|Q8WV2KBTBD7	Kelch repeat and BT	27.30	0.00
TRINITY_sp|Q6G1(truA	tRNA pseudouridine	27.30	0.00
TRINITY_sp|Q8BZ1Nuak2	NUAK family SNF1-li	27.30	0.00
TRINITY_sp|A2YW9PLP2	Patatin-like protei	27.30	0.00
TRINITY_sp|Q0CBMfaeA	Probable feruloyl e	27.30	0.00
TRINITY_sp|Q9426cif-1	COP9/Signalosome an	27.30	0.00
TRINITY_sp|Q54V9mcfJ	Mitochondrial subst	27.30	0.00
TRINITY_sp|Q7SXVslc25a39	Solute carrier fami	27.30	0.00
TRINITY_sp|Q9NXEMKS1	Meckel syndrome typ	27.30	0.00
TRINITY_sp|P3899MSS4	Probable phosphatid	27.30	0.00
TRINITY_sp|Q0023me10	Tyrosinase OS=Asper	27.30	0.00
TRINITY_sp|Q6NK8At5g0170	Probable protein ph	27.30	0.00
TRINITY_sp|A6H88Kcnb2	Potassium voltage-g	27.30	0.00
TRINITY_sp|B1H1facp2	Lysosomal acid phos	27.30	0.00
TRINITY_sp|Q54K(vps51	Vacuolar protein so	27.30	0.00
TRINITY_sp|P5187Cyp4f6	Cytochrome P450 4F6	27.30	0.00
TRINITY_sp|Q10S9Os03g010	Probable glucuronos	27.30	0.00

TRINITY_sp|Q55DVabcG1	ABC transporter G f	27.30	0.00
TRINITY_sp|Q6NMNF8H	Probable glucuronox	27.30	0.00
TRINITY_sp|P3444pat-2	Integrin alpha pat-	27.30	0.00
TRINITY_sp|Q0166CACNA1D	Voltage-dependent L	27.30	0.00
TRINITY_sp|Q3S2UmokB	Lovastatin diketide	27.30	0.00
TRINITY_sp|O4937VAMP711	Vesicle-associated	27.20	0.00
TRINITY_sp|Q0746-	Ribonuclease OS=Aer	27.20	0.00
TRINITY_sp|Q0788SOS1	Son of sevenless ho	27.20	0.00
TRINITY_sp|Q86YHDZIP1	Zinc finger protein	27.20	0.00
TRINITY_sp|Q54R1xpot	Exportin-T OS=Dicty	27.20	0.00
TRINITY_sp|Q54FFmcfS	Mitochondrial subst	27.20	0.00
TRINITY_sp|O6985SCO6023	Exopolysaccharide p	27.20	0.00
TRINITY_sp|Q0752TRM3	tRNA (guanosine(18)	27.20	0.00
TRINITY_sp|O7568PPM1B	Protein phosphatase	27.20	0.00
TRINITY_sp|Q8LPQBTB	Zinc finger protein	27.20	0.00
TRINITY_sp|Q8BMEif4e2	Eukaryotic translat	27.20	0.00
TRINITY_sp|Q9LX7RRP46	Exosome complex exo	27.20	0.00
TRINITY_sp|Q8LEVAt2g306	(BTB/POZ domain-cont	27.20	0.00
TRINITY_sp|Q653IOs06g025	Potassium channel K	27.20	0.00
TRINITY_sp|A4TNIbetaA	Oxygen-dependent ch	27.20	0.00
TRINITY_sp|Q8VYCAAEE14	2-succinylbenzoate-	27.20	0.00
TRINITY_sp|Q6L5HIMCE	Probable isoprenylc	27.20	0.00
TRINITY_sp|Q8FTHthiED	Thiamine biosynthes	27.20	0.00
TRINITY_sp|Q9FPFEDR1	Serine/threonine-pr	27.20	0.00
TRINITY_sp|Q9WVCSep7	Septin-7 OS=Rattus	27.20	0.00
TRINITY_sp|Q9697TMBIM1	Protein lifeguard 3	27.20	0.00
TRINITY_sp|Q8H1UAPC2	Anaphase-promoting	27.20	0.00
TRINITY_sp|Q6PDJEcm29	Proteasome-associat	27.20	0.00
TRINITY_sp|Q9Y2HSTK38L	Serine/threonine-pr	27.20	0.00
TRINITY_sp|Q91Z1Fgd4	FYVE, RhoGEF and PH	27.20	0.00
TRINITY_sp|P2093RASA1	Ras GTPase-activati	27.20	0.00
TRINITY_sp|Q0VCHLSM12	Protein LSM12 homol	27.20	0.00
TRINITY_sp|C8YR3Loxhd1	Lipoxygenase homolo	27.20	0.00
TRINITY_sp|Q54C9gefF	Ras guanine nucleot	27.10	0.00
TRINITY_sp|Q9AWFCML11	Probable calcium-bi	27.10	0.00
TRINITY_sp|Q8LEVAt2g306	(BTB/POZ domain-cont	27.10	0.00
TRINITY_sp|Q2545-	Muscle calcium chan	27.10	0.00
TRINITY_sp|Q4P97CCR4	Glucose-repressible	27.10	0.00
TRINITY_sp|Q9P3Udb14	E3 ubiquitin-protei	27.10	0.00
TRINITY_sp|P2858TRK2	Low-affinity potass	27.10	0.00
TRINITY_sp|Q66HIKlh136	Kelch-like protein	27.10	0.00
TRINITY_sp|Q1ZXHgxcdD	Guanine exchange fa	27.10	0.00
TRINITY_sp|Q8697DDB_G027	Putative protein di	27.10	0.00
TRINITY_sp|Q9D7FPgc	Gastricsin OS=Mus m	27.10	0.00
TRINITY_sp|O7513CPNE3	Copine-3 OS=Homo sa	27.10	0.00
TRINITY_sp|Q0652dnrK	Carminomycin 4-O-me	27.10	0.00
TRINITY_sp|P1097-	Retrovirus-related	27.10	0.00
TRINITY_sp|A6H7HFBXO3	F-box only protein	27.10	0.00
TRINITY_sp|Q6F6EdnaJ	Chaperone protein D	27.10	0.00
TRINITY_sp|Q7XJIGLR3.1	Glutamate receptor	27.10	0.00
TRINITY_sp|Q54GIDDB_G029	PXMP2/4 family prot	27.10	0.00
TRINITY_sp|Q9FF1At5g078	(Flavin-containing m	27.10	0.00
TRINITY_sp|Q54E7gr1E	Metabotropic glutam	27.10	0.00
TRINITY_sp|Q9UIIVPS51	Vacuolar protein so	27.10	0.00
TRINITY_sp|Q555VDDB_G027	VID27-like protein	27.10	0.00
TRINITY_sp|Q8GUMAt3g5264	Nicastrin OS=Arabid	27.10	0.00

TRINITY_sp|Q96N\KLHL32	Kelch-like protein	27.10	0.00
TRINITY_sp|Q5WY\kmo	Kynurenine 3-monoox	27.10	0.00
TRINITY_sp|O945\kap113	Importin beta-like	27.10	0.00
TRINITY_sp|Q2WG\FER1L6	Fer-1-like protein	27.10	0.00
TRINITY_sp|P800\LPO	Lactoperoxidase OS=	27.10	0.00
TRINITY_sp|Q54H\Fgins1	Probable DNA replic	27.10	0.00
TRINITY_sp|Q9SZ\HHP4	Heptahelical transm	27.10	0.00
TRINITY_sp|Q5JM\Os01g075	Potassium channel K	27.10	0.00
TRINITY_sp|Q99K\Smox	Spermine oxidase OS	27.10	0.00
TRINITY_sp|Q6P0\Fcelf2	CUGBP Elav-like fam	27.10	0.00
TRINITY_sp|Q940\LARP1A	La-related protein	27.10	0.00
TRINITY_sp|Q9LT\VCR	Varicose-related pr	27.10	0.00
TRINITY_sp|Q8BW\Dnah3	Dynein heavy chain	27.10	0.00
TRINITY_sp|Q9P7\SPBC1711	Uncharacterized WD	27.00	0.00
TRINITY_sp|Q6IC\At1g4315	Polypyrimidine trac	27.00	0.00
TRINITY_sp|A2YF\FHK1	Probable histidine	27.00	0.00
TRINITY_sp|Q38W\atpA	ATP synthase subuni	27.00	0.00
TRINITY_sp|Q6NW\arih11	E3 ubiquitin-protei	27.00	0.00
TRINITY_sp|Q9C1\mc11	Minichromosome loss	27.00	0.00
TRINITY_sp|Q96P\IGBP4	Guanylate-binding p	27.00	0.00
TRINITY_sp|O546\Slc29a2	Equilibrative nucle	27.00	0.00
TRINITY_sp|Q4V8\brms11a	Breast cancer metas	27.00	0.00
TRINITY_sp|Q8H0\UPL2	E3 ubiquitin-protei	27.00	0.00
TRINITY_sp|Q84M\FHY	Bifunctional ribofl	27.00	0.00
TRINITY_sp|P871\SPBC3D6	Uncharacterized WD	27.00	0.00
TRINITY_sp|Q6A3\SUC6	Putative sucrose tr	27.00	0.00
TRINITY_sp|O823\ATL67	RING-H2 finger prot	27.00	0.00
TRINITY_sp|A2VE\UNC93A	Protein unc-93 homo	27.00	0.00
TRINITY_sp|Q8LB\ISWEET7	Bidirectional sugar	27.00	0.00
TRINITY_sp|Q0P5\INSUN3	Putative methyltran	27.00	0.00
TRINITY_sp|Q8MY\HDB_G027	Probable serine/thr	27.00	0.00
TRINITY_sp|Q9SR\SNL1	Paired amphipathic	27.00	0.00
TRINITY_sp|P0DL\DRC1	Dynein regulatory c	27.00	0.00
TRINITY_sp|P218\SRM1	Guanine nucleotide	27.00	0.00
TRINITY_sp|Q9Y2\CHKB	Choline/ethanolamin	27.00	0.00
TRINITY_sp|Q9CQ\Fcyox1	Prenylcysteine oxid	27.00	0.00
TRINITY_sp|Q5ZII\USP28	Ubiquitin carboxyl-	27.00	0.00
TRINITY_sp|Q641V\Tt119	Probable tubulin po	27.00	0.00
TRINITY_sp|P007\PGA	Pepsin A OS=Gallus	27.00	0.00
TRINITY_sp|Q9SL\HOC132	Translocase of chlo	27.00	0.00
TRINITY_sp|Q5UQ\MIMI_L54	Putative ADP-ribosy	27.00	0.00
TRINITY_sp|F4IP\MIP3	Sec1 family domain-	27.00	0.00
TRINITY_sp|Q126\YPK9	Vacuolar cation-tra	27.00	0.00
TRINITY_sp|Q86W\PKHD1L1	Fibrocystin-L OS=Ho	27.00	0.00
TRINITY_sp|Q0WTF\CYP81F3	Cytochrome P450 81F	26.90	0.00
TRINITY_sp|Q9W0\Cyp4d20	Probable cytochrome	26.90	0.00
TRINITY_sp|O744\SPPC162	Uncharacterized pro	26.90	0.00
TRINITY_sp|Q3U0\Tbc1d2b	TBC1 domain family	26.90	0.00
TRINITY_sp|Q08C\smoxd2	DBH-like monooxygen	26.90	0.00
TRINITY_sp|Q129\BNIP1	Vesicle transport p	26.90	0.00
TRINITY_sp|P256\CDC39	General negative re	26.90	0.00
TRINITY_sp|Q68C\TNS3	Tensin-3 OS=Homo sa	26.90	0.00
TRINITY_sp|Q700\CSPL16	Squamosa promoter-b	26.90	0.00
TRINITY_sp|Q9M2\SDIR1	E3 ubiquitin-protei	26.90	0.00
TRINITY_sp|Q6RC\IFT74	Intraflagellar tran	26.90	0.00
TRINITY_sp|Q86L\rapB	Ras-related protein	26.90	0.00

TRINITY_sp|Q80VIFam98b	Protein FAM98B OS=M	26.90	0.00
TRINITY_sp|P794(CYP3A29	Cytochrome P450 3A2	26.90	0.00
TRINITY_sp|Q1ZXIDDB_G028	Sphingomyelinase DD	26.90	0.00
TRINITY_sp|Q91XC	Pex16 Peroxisomal membran	26.90	0.00
TRINITY_sp|Q7LHC(TY3B-I	Transposon Ty3-I Ga	26.90	0.00
TRINITY_sp|Q99M8	Sec1412 SEC14-like protein	26.90	0.00
TRINITY_sp|Q08D	mael Protein maelstrom h	26.90	0.00
TRINITY_sp|Q54I8	rtfdc1 Protein RTF2 homolo	26.90	0.00
TRINITY_sp|Q54E7	abpF Actin-binding prote	26.90	0.00
TRINITY_sp|Q7RRR	PHY00695 T-cell immunomodula	26.90	0.00
TRINITY_sp|Q61Y(CBG0355	Leishmanolysin-like	26.90	0.00
TRINITY_sp|B6K6	mmml Maintenance of mito	26.90	0.00
TRINITY_sp|Q3T1	YIF1A Protein YIF1A OS=Bo	26.90	0.00
TRINITY_sp|Q9ST4	PH1 Pleckstrin homology	26.90	0.00
TRINITY_sp|B1AZ7	Tmem245 Transmembrane prote	26.90	0.00
TRINITY_sp|B0U0	UrlmL Ribosomal RNA large	26.90	0.00
TRINITY_sp|P293	EPHA3 Ephrin type-A recep	26.90	0.00
TRINITY_sp|A6VY	ddl D-alanine--D-alanin	26.90	0.00
TRINITY_sp|Q7Z6	FGD2 FYVE, RhoGEF and PH	26.90	0.00
TRINITY_sp|Q8VZI	DEG15 Glyoxysomal process	26.90	0.00
TRINITY_sp|O552	(Supt5h Transcription elong	26.90	0.00
TRINITY_sp|Q1581	ITSN1 Intersectin-1 OS=Ho	26.90	0.00
TRINITY_sp|P551	ybaR Putative sulfate tr	26.90	0.00
TRINITY_sp|Q169	- Syntaxin OS=Aplysia	26.90	0.00
TRINITY_sp|Q4WZ	Hmvp1 Sorting nexin mvpl	26.90	0.00
TRINITY_sp|Q9FL	GNL1 ARF guanine-nucleot	26.90	0.00
TRINITY_sp|Q08D	AAR2 Protein AAR2 homolo	26.90	0.00
TRINITY_sp|Q9H3	(PABPC3 Polyadenylate-bindi	26.80	0.00
TRINITY_sp|Q5HRM	SERP0172 Putative TrmH famil	26.80	0.00
TRINITY_sp|Q038	YMR166C Uncharacterized mit	26.80	0.00
TRINITY_sp|Q5BLI	mett121a Protein N-lysine me	26.80	0.00
TRINITY_sp|Q5AH	CHK1 Histidine protein k	26.80	0.00
TRINITY_sp|Q2VQ	cecr1 Adenosine deaminase	26.80	0.00
TRINITY_sp|Q55A	(DDB_G027 Probable serine/thr	26.80	0.00
TRINITY_sp|Q551	(DDB_G027 Protein DDB_G027668	26.80	0.00
TRINITY_sp|P873	(tfb2 RNA polymerase II t	26.80	0.00
TRINITY_sp|Q29A	GA17800 Leishmanolysin-like	26.80	0.00
TRINITY_sp|Q9M8	UGT80A2 Sterol 3-beta-gluco	26.80	0.00
TRINITY_sp|P838	Ift81 Intraflagellar tran	26.80	0.00
TRINITY_sp|Q55A	(DDB_G027 Probable serine/thr	26.80	0.00
TRINITY_sp|Q8IY	TEX11 Testis-expressed se	26.80	0.00
TRINITY_sp|Q08C	smoxd2 DBH-like monooxygen	26.80	0.00
TRINITY_sp|P094	LOX1.2 Seed linoleate 9S-1	26.80	0.00
TRINITY_sp|Q6IN	inol11 Nucleolar protein 1	26.80	0.00
TRINITY_sp|O345	sppA Putative signal pep	26.80	0.00
TRINITY_sp|O040	CCX5 Cation/calcium exch	26.80	0.00
TRINITY_sp|Q14C	VATXN7L3 Ataxin-7-like prote	26.80	0.00
TRINITY_sp|A4FII	iolG2 Inositol 2-dehydrog	26.80	0.00
TRINITY_sp|Q2TB	RAB4A Ras-related protein	26.80	0.00
TRINITY_sp|Q96J	(VPS50 Syndetin OS=Homo sa	26.80	0.00
TRINITY_sp|Q8N7	KLHDC1 Kelch domain-contai	26.80	0.00
TRINITY_sp|P304	Fur2 Furin-like protease	26.80	0.00
TRINITY_sp|Q28E	sctu2 Cytoplasmic tRNA 2-	26.80	0.00
TRINITY_sp|Q891	gata Glutamyl-tRNA (Gln)	26.80	0.00
TRINITY_sp|Q8IY	2DDX60 Probable ATP-depend	26.80	0.00
TRINITY_sp|Q9SP	3DCL1 Endoribonuclease Di	26.80	0.00

TRINITY_sp|P457(MAN1A1	Mannosyl-oligosacch	26.80	0.00
TRINITY_sp|P0854-	LINE-1 reverse tran	26.80	0.00
TRINITY_sp|P1579-	Macronuclear solute	26.80	0.00
TRINITY_sp|B8H44ftsH	ATP-dependent zinc	26.70	0.00
TRINITY_sp|P3432C14B9.2	Probable protein di	26.70	0.00
TRINITY_sp|P2782-	Pepsin F OS=Oryctol	26.70	0.00
TRINITY_sp|Q4P62UMAG_044	Very-long-chain 3-o	26.70	0.00
TRINITY_sp|A1A69HK5	Probable histidine	26.70	0.00
TRINITY_sp|P4183rae1	Poly(A)+ RNA export	26.70	0.00
TRINITY_sp|B0Y38gmt1	GDP-mannose transpo	26.70	0.00
TRINITY_sp|P5187Cyp4f5	Cytochrome P450 4F5	26.70	0.00
TRINITY_sp|Q9VY1Cyp4g15	Cytochrome P450 4g1	26.70	0.00
TRINITY_sp|F4IRFSAD2	Importin beta-like	26.70	0.00
TRINITY_sp|Q9P99xylS	Alpha-xylosidase OS	26.70	0.00
TRINITY_sp|A8IUCCFAP99	Cilia- and flagella	26.70	0.00
TRINITY_sp|Q9C51PAP6	Purple acid phospho	26.70	0.00
TRINITY_sp|Q9FN(UVR8	Ultraviolet-B recep	26.70	0.00
TRINITY_sp|Q8R11Kdelr3	ER lumen protein-re	26.70	0.00
TRINITY_sp|Q54W4DDB_G027	Putative actin-frag	26.70	0.00
TRINITY_sp|Q4U2FHerc2	E3 ubiquitin-protei	26.70	0.00
TRINITY_sp|Q4PE3SEC23	Protein transport p	26.70	0.00
TRINITY_sp|Q70C9USP34	Ubiquitin carboxyl-	26.70	0.00
TRINITY_sp|P3399shc	Squalene--hopene cy	26.70	0.00
TRINITY_sp|O433(HSPA12A	Heat shock 70 kDa p	26.70	0.00
TRINITY_sp|P3122DDO	D-aspartate oxidase	26.70	0.00
TRINITY_sp|Q6GYIRalgapa1	Ral GTPase-activati	26.70	0.00
TRINITY_sp|Q93V1CYP97A3	Protein LUTEIN DEFI	26.70	0.00
TRINITY_sp|O9429SPBC887.	Probable phospholip	26.70	0.00
TRINITY_sp|Q6127vha-11	V-type proton ATPas	26.60	0.00
TRINITY_sp|Q9LZ1EXO70A1	Exocyst complex com	26.60	0.00
TRINITY_sp|A7RF1cdc123	Cell division cycle	26.60	0.00
TRINITY_sp|Q2249T14G10.5	Probable coatomer s	26.60	0.00
TRINITY_sp|P0CE9tala	Talin-A OS=Dictyost	26.60	0.00
TRINITY_sp|P2214XRN1	5'-3' exoribonuclea	26.60	0.00
TRINITY_sp|O5966ccc2	Copper-transporting	26.60	0.00
TRINITY_sp|Q3ZB9SIRT5	NAD-dependent prote	26.60	0.00
TRINITY_sp|Q91WFAscc2	Activating signal c	26.60	0.00
TRINITY_sp|Q8K38Dennd1a	DENN domain-contain	26.60	0.00
TRINITY_sp|Q9SYHIP5P13	Type I inositol pol	26.60	0.00
TRINITY_sp|Q0WVVRECQL5	ATP-dependent DNA h	26.60	0.00
TRINITY_sp|Q54C9gefF	Ras guanine nucleot	26.60	0.00
TRINITY_sp|Q6DF9ccnj	Cyclin-J OS=Xenopus	26.60	0.00
TRINITY_sp|Q6RKEcar	Carboxylic acid red	26.60	0.00
TRINITY_sp|Q0519PAB5	Polyadenylate-bindi	26.60	0.00
TRINITY_sp|Q99L9Rcbtb2	RCC1 and BTB domain	26.60	0.00
TRINITY_sp|B7SIVxynC	Endo-1,4-beta-xylan	26.60	0.00
TRINITY_sp|Q5KZEcobB2	NAD-dependent prote	26.60	0.00
TRINITY_sp|Q1039SPBC582.	Uncharacterized ATP	26.60	0.00
TRINITY_sp|O9449egt2	Hercynylcysteine su	26.60	0.00
TRINITY_sp|Q54P9gefA	Ras guanine nucleot	26.60	0.00
TRINITY_sp|Q54H4drkB	Probable serine/thr	26.60	0.00
TRINITY_sp|Q8IS1gefI	Ras guanine nucleot	26.60	0.00
TRINITY_sp|Q3899AKT1	Potassium channel A	26.60	0.00
TRINITY_sp|Q9AJTtreZ	Malto-oligosyltreha	26.60	0.00
TRINITY_sp|Q54B2DDB_G029	Succinate dehydroge	26.50	0.00
TRINITY_sp|Q1899cgp-1	GTP-binding protein	26.50	0.00

TRINITY_sp|B3TP(SLC7A2	Cationic amino acid	26.50	0.00
TRINITY_sp|Q91W(SETD3	Histone-lysine N-me	26.50	0.00
TRINITY_sp|Q7M3(rngB	RING finger protein	26.50	0.00
TRINITY_sp|Q966(JNK	Stress-activated pr	26.50	0.00
TRINITY_sp|Q006(gp63	Leishmanolysin OS=L	26.50	0.00
TRINITY_sp|Q8T6(abcA2	ABC transporter A f	26.50	0.00
TRINITY_sp|Q9LU(CYP72A15	Cytochrome P450 72A	26.50	0.00
TRINITY_sp|Q8EL(OB3336	Putative modificati	26.50	0.00
TRINITY_sp|O960(NAPSA	Napsin-A OS=Homo sa	26.50	0.00
TRINITY_sp|Q9D2(HAK7	Adenylate kinase 7	26.50	0.00
TRINITY_sp|P471(BNA2	Indoleamine 2,3-dio	26.50	0.00
TRINITY_sp|Q9CX(Ist1	IST1 homolog OS=Mus	26.50	0.00
TRINITY_sp|P391(yeaD	Putative glucose-6-	26.50	0.00
TRINITY_sp|B0R0V(tbc1d8b	TBC1 domain family	26.50	0.00
TRINITY_sp|Q006(gp63	Leishmanolysin OS=L	26.50	0.00
TRINITY_sp|Q8RW(CLASP	CLIP-associated pro	26.50	0.00
TRINITY_sp|O743(mak5	ATP-dependent RNA h	26.50	0.00
TRINITY_sp|Q54C(dync1li1	Cytoplasmic dynein	26.50	0.00
TRINITY_sp|P273(sol	Calpain-D OS=Drosop	26.50	0.00
TRINITY_sp|Q55E(pats1	Probable serine/thr	26.50	0.00
TRINITY_sp|F4J5(FMT	Clustered mitochond	26.50	0.00
TRINITY_sp|O601(SPBC18H1	Uncharacterized WD	26.50	0.00
TRINITY_sp|Q9UT(SPAC144	Uncharacterized ATP	26.50	0.00
TRINITY_sp|Q55E(zpr1	Zinc finger protein	26.50	0.00
TRINITY_sp|Q4G2(DER1.2	Derlin-1.2 OS=Zea m	26.50	0.00
TRINITY_sp|Q6NX(Rcbtb1	RCC1 and BTB domain	26.50	0.00
TRINITY_sp|F4IQ(ELP5	Elongator complex p	26.50	0.00
TRINITY_sp|P0414GIP	Copia protein OS=Dr	26.50	0.00
TRINITY_sp|Q8K0(Slc47a1	Multidrug and toxin	26.40	0.00
TRINITY_sp|P390(-	Dynein beta chain,	26.40	0.00
TRINITY_sp|O942(hmt2	Sulfide:quinone oxi	26.40	0.00
TRINITY_sp|P248(Ccnb1	G2/mitotic-specific	26.40	0.00
TRINITY_sp|P262(PG1	Exopolygalacturonas	26.40	0.00
TRINITY_sp|B4F6(aiifm2	Apoptosis-inducing	26.40	0.00
TRINITY_sp|A1D3(sds23	Protein sds23 OS=Ne	26.40	0.00
TRINITY_sp|O666(pth	Peptidyl-tRNA hydro	26.40	0.00
TRINITY_sp|P332(EIF2AK1	Eukaryotic translat	26.40	0.00
TRINITY_sp|Q9P7V(SPBC1703	Probable ribonuclea	26.40	0.00
TRINITY_sp|Q9PT(KCNH6	Potassium voltage-g	26.40	0.00
TRINITY_sp|Q928(RPGR	X-linked retinitis	26.40	0.00
TRINITY_sp|P200(HOP1	Meiosis-specific pr	26.40	0.00
TRINITY_sp|O285(AF_1724	Uncharacterized pro	26.40	0.00
TRINITY_sp|P195(-	Probable reverse tr	26.40	0.00
TRINITY_sp|Q91Z(Habhd3	Phospholipase ABHD3	26.40	0.00
TRINITY_sp|A2RB(sds23	Protein sds23 OS=As	26.40	0.00
TRINITY_sp|Q9D6(Cers4	Ceramide synthase 4	26.40	0.00
TRINITY_sp|Q7F0(CML13	Probable calcium-bi	26.40	0.00
TRINITY_sp|P3581BDF1	Bromodomain-contain	26.40	0.00
TRINITY_sp|Q9SV(At4g3825	Amino acid transpor	26.40	0.00
TRINITY_sp|Q503(slc38a6	Probable sodium-cou	26.40	0.00
TRINITY_sp|Q8CF(Gbp5	Guanylate-binding p	26.40	0.00
TRINITY_sp|Q4UM(IRF_0338	Uncharacterized zin	26.40	0.00
TRINITY_sp|Q08B(tyw5	tRNA wybutosine-syn	26.40	0.00
TRINITY_sp|Q2YD(Mstol	Protein misato homo	26.40	0.00
TRINITY_sp|O600(CMD1	Calmodulin OS=Kluyv	26.30	0.00
TRINITY_sp|Q75J(cpras1	Circularly permutat	26.30	0.00

TRINITY_sp|B4PR1Mat89Ba	Nucleolar protein 6	26.30	0.00
TRINITY_sp|Q54S5DDB_G028	Protein PIEZO homol	26.30	0.00
TRINITY_sp|P213CPWP1	Periodic tryptophan	26.30	0.00
TRINITY_sp|Q2TBI POLR3C	DNA-directed RNA po	26.30	0.00
TRINITY_sp|Q9USUtoal	Transcription initi	26.30	0.00
TRINITY_sp|Q9LFFDOT2	SART-1 family prote	26.30	0.00
TRINITY_sp|Q75J9cpas1	Circularly permutat	26.30	0.00
TRINITY_sp|Q5F3IUTP15	U3 small nucleolar	26.30	0.00
TRINITY_sp|Q6ZUC-	Uncharacterized pro	26.30	0.00
TRINITY_sp|F4I2HTPX2	Protein TPX2 OS=Ara	26.30	0.00
TRINITY_sp|Q9Y6ICEPT1	Choline/ethanolamin	26.30	0.00
TRINITY_sp|Q3923SUC2	Sucrose transport p	26.30	0.00
TRINITY_sp|O5732SLC1A3	Excitatory amino ac	26.30	0.00
TRINITY_sp|Q8BKUTmem87b	Transmembrane prote	26.30	0.00
TRINITY_sp|B3P3EPde6	cGMP-specific 3',5'	26.30	0.00
TRINITY_sp|Q6CSVPAB1	Polyadenylate-bindi	26.30	0.00
TRINITY_sp|A7XDQ GALT2	Hydroxyproline O-ga	26.30	0.00
TRINITY_sp|Q8T49CG42684	Probable Ras GTPase	26.30	0.00
TRINITY_sp|Q54DEpsenB	Presenilin-B OS=Dic	26.30	0.00
TRINITY_sp|A0JM1ccdc176	Basal body-orientat	26.30	0.00
TRINITY_sp|Q8BHIRab39a	Ras-related protein	26.30	0.00
TRINITY_sp|Q8UVFsupt6h	Transcription elong	26.30	0.00
TRINITY_sp|F4J15DTX24	Protein DETOXIFICAT	26.30	0.00
TRINITY_sp|Q2074atad-3	ATPase family AAA d	26.30	0.00
TRINITY_sp|P2767PGA	Pepsin A-4 OS=Macac	26.30	0.00
TRINITY_sp|Q0177GLX	Aldehyde oxidase GL	26.30	0.00
TRINITY_sp|Q9C9ICUL3B	Cullin-3B OS=Arabid	26.30	0.00
TRINITY_sp|P2659PTBP1	Polypyrimidine trac	26.30	0.00
TRINITY_sp|B8M9ftropI	Hydrolase tropI OS=	26.20	0.00
TRINITY_sp|B4EZU hscB	Co-chaperone protei	26.20	0.00
TRINITY_sp|Q75AFAAGC1	Mitochondrial aspar	26.20	0.00
TRINITY_sp|Q2YDFimpad1	Inositol monophosph	26.20	0.00
TRINITY_sp|A8JF7ODA1	Outer dynein arm pr	26.20	0.00
TRINITY_sp|Q9SXFMOGS-O3	Flavin-containing m	26.20	0.00
TRINITY_sp|Q6GQncep41	Centrosomal protein	26.20	0.00
TRINITY_sp|Q3887CPK7	Calcium-dependent p	26.20	0.00
TRINITY_sp|Q1558TGFB1	Transforming growth	26.20	0.00
TRINITY_sp|F4KBVNUP205	Nuclear pore comple	26.20	0.00
TRINITY_sp|Q9W70clcnkb	Chloride channel pr	26.20	0.00
TRINITY_sp|O9444bdp1	Transcription facto	26.20	0.00
TRINITY_sp|Q8QG7ncor1	Nuclear receptor co	26.20	0.00
TRINITY_sp|Q2391regA	3',5'-cyclic-nucleo	26.20	0.00
TRINITY_sp|P3373SRP72	Signal recognition	26.20	0.00
TRINITY_sp|Q6DJ1znf830	Zinc finger protein	26.20	0.00
TRINITY_sp|P5138ycf21	Uncharacterized pro	26.20	0.00
TRINITY_sp|Q9256Slc8b1	Sodium/potassium/ca	26.20	0.00
TRINITY_sp|Q54E7gr1E	Metabotropic glutam	26.20	0.00
TRINITY_sp|Q10MVERDJ3A	DnaJ protein ERDJ3A	26.20	0.00
TRINITY_sp|Q9NYARRN3	RNA polymerase I-sp	26.20	0.00
TRINITY_sp|Q4384SS3	Soluble starch synt	26.20	0.00
TRINITY_sp|Q9ZVISE	Serrate RNA effecto	26.20	0.00
TRINITY_sp|Q9221Ppp6r3	Serine/threonine-pr	26.20	0.00
TRINITY_sp|Q81Z7ubiG	Ubiquinone biosynth	26.20	0.00
TRINITY_sp|C1F02pcp	Pyrrolidone-carboxy	26.20	0.00
TRINITY_sp|Q9FYC GLOX1	Aldehyde oxidase GL	26.20	0.00
TRINITY_sp|Q1945F14E5.2	Golgi apparatus pro	26.20	0.00

TRINITY_sp|Q9Y4FRAD54L2	Helicase ARIP4 OS=H	26.20	0.00
TRINITY_sp|P9456glcD	Glycolate oxidase s	26.20	0.00
TRINITY_sp|Q8CFE5scyl2	SCY1-like protein 2	26.20	0.00
TRINITY_sp|Q7ZY7lmbrd2	LMBR1 domain-contai	26.20	0.00
TRINITY_sp|Q8IWCWDR63	WD repeat-containin	26.20	0.00
TRINITY_sp|P2758gpa1	Guanine nucleotide-	26.10	0.00
TRINITY_sp|Q86X4LRRC6	Protein tilB homolo	26.10	0.00
TRINITY_sp|Q9H2FSLC38A1	Sodium-coupled neut	26.10	0.00
TRINITY_sp|Q8CI7Rmnd1	Required for meioti	26.10	0.00
TRINITY_sp|P4096ceg1	mRNA-capping enzyme	26.10	0.00
TRINITY_sp|Q9SR8CHIP	E3 ubiquitin-protei	26.10	0.00
TRINITY_sp|Q29A6GA17800	Leishmanolysin-like	26.10	0.00
TRINITY_sp|Q5ZH\NAA35	N-alpha-acetyltrans	26.10	0.00
TRINITY_sp|A8ZN8atpA2	ATP synthase subuni	26.10	0.00
TRINITY_sp|Q8LJ7TKI1	TSL-kinase interact	26.10	0.00
TRINITY_sp|Q9UB\NXF1	Nuclear RNA export	26.10	0.00
TRINITY_sp|Q6CUFSDS23	Protein SDS23 OS=K1	26.10	0.00
TRINITY_sp|P5516ybbA	Uncharacterized pro	26.10	0.00
TRINITY_sp|Q8KGFCT0009	Uncharacterized RNA	26.10	0.00
TRINITY_sp|P7546MPN_348	5-formyltetrahydrof	26.10	0.00
TRINITY_sp|Q8IUFZDHHC17	Palmitoyltransferas	26.10	0.00
TRINITY_sp|Q94B6SLK2	Probable transcript	26.10	0.00
TRINITY_sp|Q54L6gr1D	Metabotropic glutam	26.10	0.00
TRINITY_sp|Q3KP1tssc1	Protein TSSC1 OS=Xe	26.10	0.00
TRINITY_sp|G4SL6ttn-1	Titin homolog OS=Ca	26.10	0.00
TRINITY_sp|Q0296GDE1	Glycerophosphodiast	26.10	0.00
TRINITY_sp|P0CM6BST1	GPI inositol-deacyl	26.10	0.00
TRINITY_sp|P5706SLC37A1	Glucose-6-phosphate	26.00	0.00
TRINITY_sp|P1276RSP3	Flagellar radial sp	26.00	0.00
TRINITY_sp|Q81J6fyidC2	Membrane protein in	26.00	0.00
TRINITY_sp|Q9P76pmo25	Mo25-like protein O	26.00	0.00
TRINITY_sp|Q55E6mcfE	Mitochondrial subst	26.00	0.00
TRINITY_sp|Q8BS6Tyw3	tRNA wybutosine-syn	26.00	0.00
TRINITY_sp|O4446kgb-1	GLH-binding kinase	26.00	0.00
TRINITY_sp|Q9496At1g4810	(Polygalacturonase A	26.00	0.00
TRINITY_sp|P7106ygaD	Putative multidrug	26.00	0.00
TRINITY_sp|Q75J6cpras1	Circularly permutat	26.00	0.00
TRINITY_sp|O3456sppA	Putative signal pep	26.00	0.00
TRINITY_sp|Q96J6VPS39	Vam6/Vps39-like pro	26.00	0.00
TRINITY_sp|O4446F37C4.5	Protein F37C4.5 OS=	26.00	0.00
TRINITY_sp|Q7M36rngB	RING finger protein	26.00	0.00
TRINITY_sp|P2666Sos	Protein son of seve	26.00	0.00
TRINITY_sp|Q95V6carmil	Protein CARMIL OS=D	26.00	0.00
TRINITY_sp|Q68Y6grid2	Glutamate receptor	26.00	0.00
TRINITY_sp|Q28F6mfds7-A	Major facilitator s	26.00	0.00
TRINITY_sp|P7831IGBP1	Immunoglobulin-bind	26.00	0.00
TRINITY_sp|Q9SR1FLK	Flowering locus K h	26.00	0.00
TRINITY_sp|Q8IS6gefC	Ras guanine nucleot	26.00	0.00
TRINITY_sp|Q9TV6rab1	Ras-related protein	26.00	0.00
TRINITY_sp|F4J56FMT	Clustered mitochond	26.00	0.00
TRINITY_sp|Q3KQ6acpt	Testicular acid pho	26.00	0.00
TRINITY_sp|Q5JW6DOPEY1	Protein dopey-1 OS=	26.00	0.00
TRINITY_sp|Q8LB6SWEET7	Bidirectional sugar	26.00	0.00
TRINITY_sp|Q9RB6absAa	2-aminobenzenesulfo	26.00	0.00
TRINITY_sp|Q9P26TBC1D14	TBC1 domain family	26.00	0.00
TRINITY_sp|O6026SSSCA1	Sjogren syndrome/s	26.00	0.00

TRINITY_sp|Q5VQC	CPK2	Calcium-dependent p	26.00	0.00
TRINITY_sp|Q2427	Cnga	Cyclic nucleotide-g	26.00	0.00
TRINITY_sp|Q8L7U	At4g3967	ACD11 homolog prote	26.00	0.00
TRINITY_sp|Q94A2	SAC2	Phosphoinositide ph	26.00	0.00
TRINITY_sp|Q8VDC	Mlk4	Mitogen-activated p	26.00	0.00
TRINITY_sp|Q1266	CYP51	Eburicol 14-alpha-d	26.00	0.00
TRINITY_sp|P5988	slc39a1	Zinc transporter ZI	26.00	0.00
TRINITY_sp|P1261	abg	Beta-glucosidase OS	26.00	0.00
TRINITY_sp|Q8PSI	htpX2	Protease HtpX homol	26.00	0.00
TRINITY_sp|Q148\	Kiaa1468	LisH domain and HEA	26.00	0.00
TRINITY_sp|P2787	Vav1	Proto-oncogene vav	26.00	0.00
TRINITY_sp|Q6TK5	mx	Interferon-induced	26.00	0.00
TRINITY_sp|Q3MKM	EMB2271	U3 snoRNP-associate	26.00	0.00
TRINITY_sp|B3EYM	abnB	Intracellular endo-	25.90	0.00
TRINITY_sp|Q9BJ2	fus	RNA-binding protein	25.90	0.00
TRINITY_sp|Q8GY9	PGM	Phosphoglycerate mu	25.90	0.00
TRINITY_sp|Q9FN	(UVR8	Ultraviolet-B recep	25.90	0.00
TRINITY_sp|P6126	STX1B	Syntaxin-1B OS=Bos	25.90	0.00
TRINITY_sp|Q8VYU	GC4	Golgin candidate 4	25.90	0.00
TRINITY_sp|Q96P5	ACAP3	Arf-GAP with coiled	25.90	0.00
TRINITY_sp|Q9235	SPAC6G9	Pumilio domain-cont	25.90	0.00
TRINITY_sp|Q682I	XRCC2	DNA repair protein	25.90	0.00
TRINITY_sp|Q54E6	nup98	Nuclear pore comple	25.90	0.00
TRINITY_sp|Q9UTI	erd1	Protein ERD1 homolo	25.90	0.00
TRINITY_sp|Q8RWI	ACBP5	Acyl-CoA-binding do	25.90	0.00
TRINITY_sp|Q54P6	gefA	Ras guanine nucleot	25.90	0.00
TRINITY_sp|Q9C44	paxM	FAD-dependent monoo	25.90	0.00
TRINITY_sp|Q59K6	MNN21	Alpha-1,2-mannosylt	25.90	0.00
TRINITY_sp|Q5FWW	gpr180	Integral membrane p	25.90	0.00
TRINITY_sp|Q9LG2	PARN	Poly(A)-specific ri	25.90	0.00
TRINITY_sp|P2767	Rasgrf1	Ras-specific guanin	25.90	0.00
TRINITY_sp|Q8MV6	gbpC	Cyclic GMP-binding	25.90	0.00
TRINITY_sp|Q69XN	CYP734A4	Cytochrome P450 734	25.90	0.00
TRINITY_sp|Q8VYF	KEA5	K(+) efflux antipor	25.90	0.00
TRINITY_sp|Q920I	Ak5	Adenylate kinase is	25.90	0.00
TRINITY_sp|Q1829	trpa-1	Transient receptor	25.90	0.00
TRINITY_sp|Q5JM	(Os01g075	Potassium channel K	25.90	0.00
TRINITY_sp|Q9SC9	At3g5052	Phosphoglycerate mu	25.80	0.00
TRINITY_sp|Q81V2	prs	Ribose-phosphate py	25.80	0.00
TRINITY_sp|Q54E7	abpF	Actin-binding prote	25.80	0.00
TRINITY_sp|P1082	Prf1	Perforin-1 OS=Mus m	25.80	0.00
TRINITY_sp|Q99J3	Thumpd1	THUMP domain-contai	25.80	0.00
TRINITY_sp|A1L02	rsph6a	Radial spoke head p	25.80	0.00
TRINITY_sp|Q700I	BDG4	Probable lysophosph	25.80	0.00
TRINITY_sp|Q54Bf	dcd2A	Neutral ceramidase	25.80	0.00
TRINITY_sp|Q81M	tal2	Probable transaldol	25.80	0.00
TRINITY_sp|Q9SEI	VTI11	Vesicle transport v	25.80	0.00
TRINITY_sp|Q8L5Y	CAND1	Cullin-associated N	25.80	0.00
TRINITY_sp|Q5697	mfsd4b	Sodium-dependent gl	25.80	0.00
TRINITY_sp|Q94Kf	SYP72	Syntaxin-72 OS=Arab	25.80	0.00
TRINITY_sp|B8I73	era	GTPase Era OS=Clost	25.80	0.00
TRINITY_sp|Q9952	SORT1	Sortilin OS=Homo sa	25.80	0.00
TRINITY_sp|Q94B5	XBAT31	Putative E3 ubiquit	25.80	0.00
TRINITY_sp|O2292	VSR2	Vacuolar-sorting re	25.80	0.00
TRINITY_sp|Q9HGI	SPBC800	Uncharacterized cal	25.80	0.00
TRINITY_sp|Q0632	LOX1	Linoleate 9S-lipoxy	25.80	0.00

TRINITY_sp|O0793yist	Uncharacterized pro	25.80	0.00
TRINITY_sp|P3975mpr	Extracellular metal	25.80	0.00
TRINITY_sp|Q8VZ4HSR4	Protein HYPER-SENSI	25.80	0.00
TRINITY_sp|Q9FG2At5g0683	CDK5RAP3-like prote	25.80	0.00
TRINITY_sp|Q8VDMHnrnpul1	Heterogeneous nucle	25.80	0.00
TRINITY_sp|Q6531Os06g025	Potassium channel K	25.80	0.00
TRINITY_sp|Q6TB3CYP97C1	Carotene epsilon-mo	25.80	0.00
TRINITY_sp|Q6FR4SEC62	Translocation prote	25.80	0.00
TRINITY_sp|Q1254aphA	Acid phosphatase OS	25.70	0.00
TRINITY_sp|Q32L6mfsd1	Major facilitator s	25.70	0.00
TRINITY_sp|Q86C2dhkK	Hybrid signal trans	25.70	0.00
TRINITY_sp|O243(TIC110	Protein TIC110, chl	25.70	0.00
TRINITY_sp|P3425tc3a	Transposable elemen	25.70	0.00
TRINITY_sp|O6244Y43F4A.1	Leishmanolysin-like	25.70	0.00
TRINITY_sp|A2A43Cul4b	Cullin-4B OS=Mus mu	25.70	0.00
TRINITY_sp|Q8VENKlhdc3	Kelch domain-contai	25.70	0.00
TRINITY_sp|P8713SPAC57A7	Uncharacterized pro	25.70	0.00
TRINITY_sp|Q6WWWUPL3	E3 ubiquitin-protei	25.70	0.00
TRINITY_sp|Q95V2slo-1	Calcium-activated p	25.70	0.00
TRINITY_sp|Q9FF1At5g0780	Flavin-containing m	25.70	0.00
TRINITY_sp|Q8SS3gefM	Ras guanine nucleot	25.70	0.00
TRINITY_sp|Q3SE4Icl1e	Caltractin ICL1e OS	25.70	0.00
TRINITY_sp|Q8WNIKKBKAP	Elongator complex p	25.70	0.00
TRINITY_sp|Q276(Cyp4e2	Cytochrome P450 4e2	25.70	0.00
TRINITY_sp|Q9ZU3ABCG7	ABC transporter G f	25.70	0.00
TRINITY_sp|Q1457ITPR2	Inositol 1,4,5-tris	25.70	0.00
TRINITY_sp|Q2FE2SAUSA300	Uncharacterized oxi	25.70	0.00
TRINITY_sp|Q54VDDDB_G028	Probable serine/thr	25.70	0.00
TRINITY_sp|Q28F3tmem147	Transmembrane prote	25.60	0.00
TRINITY_sp|Q86JEDDB_G027	Recoverin family pr	25.60	0.00
TRINITY_sp|Q9NZMGLTSCR2	Glioma tumor suppre	25.60	0.00
TRINITY_sp|Q54PIDDB_G028	Probable myosin lig	25.60	0.00
TRINITY_sp|Q5S0(Spag17	Sperm-associated an	25.60	0.00
TRINITY_sp|Q9PU3smurf1	E3 ubiquitin-protei	25.60	0.00
TRINITY_sp|A5DS1FMP52	Protein FMP52, mito	25.60	0.00
TRINITY_sp|P9708cobD	Threonine-phosphate	25.60	0.00
TRINITY_sp|P1269alkH	Aldehyde dehydrogen	25.60	0.00
TRINITY_sp|Q94A7EX2	Protein EXECUTER 2,	25.60	0.00
TRINITY_sp|Q75WVwa5a	von Willebrand fact	25.60	0.00
TRINITY_sp|Q9FF2PPH	Pheophytinase, chlo	25.60	0.00
TRINITY_sp|Q5PP3ATXR2	Histone-lysine N-me	25.60	0.00
TRINITY_sp|Q8LD3TAP46	PP2A regulatory sub	25.60	0.00
TRINITY_sp|P2093RASA1	Ras GTPase-activati	25.60	0.00
TRINITY_sp|Q75VITPC1B	Two pore calcium ch	25.60	0.00
TRINITY_sp|Q9FGIRKD3	Protein RKD3 OS=Ara	25.60	0.00
TRINITY_sp|Q5RJI5mg7	Protein SMG7 OS=Mus	25.60	0.00
TRINITY_sp|Q8NH3CFAP61	Cilia- and flagella	25.60	0.00
TRINITY_sp|Q96E4KIF1BP	KIF1-binding protei	25.60	0.00

TRINITY_sp|Q6DDV	kiaa1324UPF0577 protein KIA	25.60	0.00
TRINITY_sp|Q2545	- Muscle calcium chan	25.60	0.00
TRINITY_sp|Q29D	Klp68D Kinesin-like protei	25.60	0.00
TRINITY_sp|Q8ND	RCC1 and BTB domain	25.50	0.00
TRINITY_sp|P080	(Pdia4 Protein disulfide-i	25.50	0.00
TRINITY_sp|Q5RF	CHFR E3 ubiquitin-protei	25.50	0.00
TRINITY_sp|Q8WZ	DNASE2B Deoxyribonuclease-2	25.50	0.00
TRINITY_sp|Q6PG	stmem56-k Transmembrane prote	25.50	0.00
TRINITY_sp|Q9BV	(RNF126 E3 ubiquitin-protei	25.50	0.00
TRINITY_sp|P146	(KSS1 Mitogen-activated p	25.50	0.00
TRINITY_sp|Q68Y	grid2 Glutamate receptor	25.50	0.00
TRINITY_sp|P232	gp63 Leishmanolysin OS=L	25.50	0.00
TRINITY_sp|Q54Q	Uwdr89 WD repeat-containin	25.50	0.00
TRINITY_sp|Q9VK	(Cand1 Cullin-associated N	25.50	0.00
TRINITY_sp|Q9CR	(Klh128 Kelch-like protein	25.50	0.00
TRINITY_sp|Q004	(Ptbp1 Polypyrimidine trac	25.50	0.00
TRINITY_sp|Q098	1ppk5 Serine/threonine-pr	25.50	0.00
TRINITY_sp|F1MB	(KLHL3 Kelch-like protein	25.50	0.00
TRINITY_sp|Q9UL	(PALD1 Paladin OS=Homo sap	25.50	0.00
TRINITY_sp|A2VD	(PLK4 Serine/threonine-pr	25.50	0.00
TRINITY_sp|P169	1elav Protein elav OS=Dro	25.50	0.00
TRINITY_sp|Q8RW	ISTY17 Serine/threonine-pr	25.50	0.00
TRINITY_sp|P546	(tagB Serine protease/ABC	25.50	0.00
TRINITY_sp|Q869	(DDB_G02 COBW domain-contain	25.50	0.00
TRINITY_sp|Q8R7	(adk Adenylate kinase OS	25.40	0.00
TRINITY_sp|Q6ZJ	(URH1 Probable uridine nu	25.40	0.00
TRINITY_sp|Q275	(Cyp4d2 Cytochrome P450 4d2	25.40	0.00
TRINITY_sp|Q9NY	(SLC39A1 Zinc transporter ZI	25.40	0.00
TRINITY_sp|Q9VK	(CG6488 Conserved oligomeri	25.40	0.00
TRINITY_sp|B2AC	(Pa_2_141 Extracellular metal	25.40	0.00
TRINITY_sp|Q997	(ABCA3 ATP-binding cassett	25.40	0.00
TRINITY_sp|Q7Z3	(PIWIL4 Piwi-like protein 4	25.40	0.00
TRINITY_sp|Q9C5	(PAP6 Purple acid phospho	25.40	0.00
TRINITY_sp|P831	(Tak11 Putative mitogen-ac	25.40	0.00
TRINITY_sp|Q9C5	(At3g162 VHS domain-containi	25.40	0.00
TRINITY_sp|Q906	(PLA2G7 Platelet-activating	25.40	0.00
TRINITY_sp|O460	(msta Protein msta, isofo	25.40	0.00
TRINITY_sp|Q9V3	(Eheix UbiA prenyltransfer	25.40	0.00
TRINITY_sp|Q004	(Ptbp1 Polypyrimidine trac	25.40	0.00
TRINITY_sp|F4JT	(ISTY46 Serine/threonine-pr	25.40	0.00
TRINITY_sp|O444	(F37C4.5 Protein F37C4.5 OS=	25.40	0.00
TRINITY_sp|O944	(SPAC168 UPF0616 protein C16	25.40	0.00
TRINITY_sp|Q5U3	(klhl12 Kelch-like protein	25.40	0.00
TRINITY_sp|Q5R4	(SNX4 Sorting nexin-4 OS=	25.40	0.00
TRINITY_sp|P086	(ras1 Ras-like protein 1	25.40	0.00
TRINITY_sp|Q6NZ	(Ddx31 Probable ATP-depend	25.40	0.00
TRINITY_sp|Q7SC	(sym-1 Protein sym-1 OS=Ne	25.30	0.00
TRINITY_sp|P908	(F26E4.3 Uncharacterized pep	25.30	0.00
TRINITY_sp|Q9R1	1Sqrcl Sulfide:quinone oxi	25.30	0.00
TRINITY_sp|P516	1HCFC1 Host cell factor 1	25.30	0.00
TRINITY_sp|A7S4	1serinc Probable serine inc	25.30	0.00
TRINITY_sp|Q9DG	1star Steroidogenic acute	25.30	0.00
TRINITY_sp|Q6NR	(emc1 ER membrane protein	25.30	0.00
TRINITY_sp|Q2IB	(MET Hepatocyte growth f	25.30	0.00
TRINITY_sp|A3LQ	(SDS23 Protein SDS23 OS=Sc	25.30	0.00
TRINITY_sp|Q8TE	(TRPC4AP Short transient rec	25.30	0.00

TRINITY_sp|Q3887CPK7	Calcium-dependent p	25.30	0.00
TRINITY_sp|Q9HBJCYP4F11	Phylloquinone omega	25.30	0.00
TRINITY_sp|Q0UQVBST1	GPI inositol-deacyl	25.30	0.00
TRINITY_sp|Q9UT2pvg1	Pyruvyl transferase	25.30	0.00
TRINITY_sp|P0CD6frmC	FERM domain-contain	25.30	0.00
TRINITY_sp|F4JMJPGSIP7	Putative glucuronos	25.30	0.00
TRINITY_sp|Q0166Pxd	Peroxidase OS=Droso	25.30	0.00
TRINITY_sp|Q9CTRrhobtb3	Rho-related BTB dom	25.30	0.00
TRINITY_sp|Q9UBIASH2L	Set1/Ash2 histone m	25.30	0.00
TRINITY_sp|P2849CAPZA2	F-actin-capping pro	25.30	0.00
TRINITY_sp|Q54E1gr1E	Metabotropic glutam	25.30	0.00
TRINITY_sp|Q2UL6utp10	U3 small nucleolar	25.20	0.00
TRINITY_sp|Q6IMFdnajc27	DnaJ homolog subfam	25.20	0.00
TRINITY_sp|Q5RCNCYP4V2	Cytochrome P450 4V2	25.20	0.00
TRINITY_sp|Q28FImfsd7-A	Major facilitator s	25.20	0.00
TRINITY_sp|O1477TPP1	Tripeptidyl-peptida	25.20	0.00
TRINITY_sp|Q0CR6atg5	Autophagy protein 5	25.20	0.00
TRINITY_sp|Q9SF2SYP71	Syntaxin-71 OS=Arab	25.20	0.00
TRINITY_sp|Q8LP6LACS6	Long chain acyl-CoA	25.20	0.00
TRINITY_sp|Q9SW6SYP42	Syntaxin-42 OS=Arab	25.20	0.00
TRINITY_sp|Q9406SRK2E	Serine/threonine-pr	25.20	0.00
TRINITY_sp|Q9YG6RPE65	Retinoid isomerohyd	25.20	0.00
TRINITY_sp|Q86A6mcfX	Mitochondrial subst	25.20	0.00
TRINITY_sp|Q9XT6tbh-1	Tyramine beta-hydro	25.20	0.00
TRINITY_sp|P4326npr	Bacillolysins OS=Bre	25.20	0.00
TRINITY_sp|Q0236GLG1	Golgi apparatus pro	25.20	0.00
TRINITY_sp|O4346EIF4G3	Eukaryotic translat	25.20	0.00
TRINITY_sp|Q5XG6Utp20	Small subunit proce	25.20	0.00
TRINITY_sp|P4636iols	Protein Iols OS=Bac	25.10	0.00
TRINITY_sp|Q8DF6nutA	5'-nucleotidase OS=	25.10	0.00
TRINITY_sp|P5156BRCA2	Breast cancer type	25.10	0.00
TRINITY_sp|Q8CD6Ccdc38	Coiled-coil domain-	25.10	0.00
TRINITY_sp|Q8GU6HYP1	CSC1-like protein H	25.10	0.00
TRINITY_sp|Q9FI6ARC6	Protein ACCUMULATIO	25.10	0.00
TRINITY_sp|Q5586s110103	Uncharacterized pro	25.10	0.00
TRINITY_sp|Q9NU6AGPAT5	1-acyl-sn-glycerol-	25.10	0.00
TRINITY_sp|Q8BI6Ccdc40	Coiled-coil domain-	25.10	0.00
TRINITY_sp|P5116GZMM	Granzyme M OS=Homo	25.10	0.00
TRINITY_sp|P8916CTR9	RNA polymerase-asso	25.10	0.00
TRINITY_sp|O2856AF_1724	Uncharacterized pro	25.10	0.00
TRINITY_sp|F4JT6STY46	Serine/threonine-pr	25.10	0.00
TRINITY_sp|Q5ZL6NSUN2	tRNA (cytosine(34)-	25.10	0.00
TRINITY_sp|P5006KEL2	Kelch repeat-contai	25.10	0.00
TRINITY_sp|Q9WU6Stxbp5	Syntaxin-binding pr	25.10	0.00
TRINITY_sp|Q86I6psca	Penicillin-sensitiv	25.10	0.00
TRINITY_sp|C0Z96mutS2	Endonuclease Muts2	25.10	0.00
TRINITY_sp|Q29K6GA19813	Ribosome biogenesis	25.10	0.00
TRINITY_sp|Q6GL6elav11	ELAV-like protein 1	25.10	0.00
TRINITY_sp|O3456sppA	Putative signal pep	25.10	0.00
TRINITY_sp|Q9V36Tak1	Mitogen-activated p	25.10	0.00
TRINITY_sp|P3836PHO89	Phosphate permease	25.10	0.00
TRINITY_sp|P1756SRV2	Adenylyl cyclase-as	25.10	0.00
TRINITY_sp|Q8N86UBR7	Putative E3 ubiquit	25.00	0.00
TRINITY_sp|Q8BK6Smg1	Serine/threonine-pr	25.00	0.00
TRINITY_sp|O3166yjcL	Uncharacterized mem	25.00	0.00
TRINITY_sp|Q8IZ6CACNA2D6	Voltage-dependent c	25.00	0.00

TRINITY_sp|Q9LKVNHX7	Sodium/hydrogen exc	25.00	0.00
TRINITY_sp|O6017SPBC23E6	Uncharacterized ATP	25.00	0.00
TRINITY_sp|Q4I32BFR2	Protein BFR2 OS=Gib	25.00	0.00
TRINITY_sp|Q99JTKlh122	Kelch-like protein	25.00	0.00
TRINITY_sp|Q0WVRRP6L1	Protein RRP6-like 1	25.00	0.00
TRINITY_sp|Q94A6Atlg0669	Uncharacterized oxi	25.00	0.00
TRINITY_sp|Q9932zip	Myosin heavy chain,	24.90	0.00
TRINITY_sp|P4099ceg1	mRNA-capping enzyme	24.90	0.00
TRINITY_sp|Q9Z1MACOX1	Peroxisomal acyl-co	24.90	0.00
TRINITY_sp|Q9FECOM1	Tobamovirus multipl	24.90	0.00
TRINITY_sp|Q23TCTLL3A	Tubulin glycyclase 3	24.90	0.00
TRINITY_sp|Q6CS\PAB1	Polyadenylate-bindi	24.90	0.00
TRINITY_sp|P366(ncs-1	Neuronal calcium se	24.90	0.00
TRINITY_sp|Q7M39rngB	RING finger protein	24.90	0.00
TRINITY_sp|Q6IC6Atlg4319	Polypyrimidine trac	24.90	0.00
TRINITY_sp|B1AUCArhgap36	Rho GTPase-activati	24.90	0.00
TRINITY_sp|Q54U7crlA	Cyclic AMP receptor	24.90	0.00
TRINITY_sp|A8JF7ODA1	Outer dynein arm pr	24.90	0.00
TRINITY_sp|Q9VRIMembrin	Probable Golgi SNAP	24.90	0.00
TRINITY_sp|Q9LZ9BIG2	Brefeldin A-inhibit	24.90	0.00
TRINITY_sp|Q58DITRABD	TraB domain-contain	24.90	0.00
TRINITY_sp|Q7ZUCptges2	Prostaglandin E syn	24.90	0.00
TRINITY_sp|A2YFFHK1	Probable histidine	24.90	0.00
TRINITY_sp|Q802Fsmc6	Structural maintena	24.90	0.00
TRINITY_sp|Q0726ADH1	Alcohol dehydrogena	24.80	0.00
TRINITY_sp|Q8027abhd2a	Monoacylglycerol li	24.80	0.00
TRINITY_sp|P0A37bp26	26 kDa periplasmic	24.80	0.00
TRINITY_sp|Q5U79mx	Interferon-induced	24.80	0.00
TRINITY_sp|Q4P99CCR4	Glucose-repressible	24.80	0.00
TRINITY_sp|A2X87OsI_0846	SPX domain-containi	24.80	0.00
TRINITY_sp|Q8RWICLT3	Protein CLT3, chlor	24.80	0.00
TRINITY_sp|Q6DF6ccdc77	Coiled-coil domain-	24.80	0.00
TRINITY_sp|Q6F67hpx0	FAD-dependent urate	24.80	0.00
TRINITY_sp|Q68AInfda	N-substituted forma	24.80	0.00
TRINITY_sp|F4I11Atlg0957	Calcium uniporter p	24.80	0.00
TRINITY_sp|A8FW9rlmL	Ribosomal RNA large	24.80	0.00
TRINITY_sp|Q6DF6poc5	Centrosomal protein	24.80	0.00
TRINITY_sp|F4IA7THO2	THO complex subunit	24.80	0.00
TRINITY_sp|Q4R87CFAP100	Cilia- and flagella	24.80	0.00
TRINITY_sp|A0JP6cnot1	CCR4-NOT transcript	24.80	0.00
TRINITY_sp|Q1KP7FZL	Probable transmembr	24.80	0.00
TRINITY_sp|A1XD9TFIP11	Tuftelin-interactin	24.80	0.00
TRINITY_sp|P1438-	Transposon TX1 unch	24.80	0.00
TRINITY_sp|Q54L9gr1D	Metabotropic glutam	24.80	0.00
TRINITY_sp|Q8RXIMIRO1	Mitochondrial Rho G	24.80	0.00
TRINITY_sp|Q9LV6At5g6497	Probable mitochondr	24.80	0.00
TRINITY_sp|Q54J7sibE	Integrin beta-like	24.80	0.00
TRINITY_sp|Q9SI1SFH10	Phosphatidylinosito	24.70	0.00
TRINITY_sp|Q6374Dlc1	Rho GTPase-activati	24.70	0.00
TRINITY_sp|Q6P27TMEM53	Transmembrane prote	24.70	0.00
TRINITY_sp|Q7XB(CNMT	(S)-coclaurine N-me	24.70	0.00
TRINITY_sp|O9499FBX021	F-box only protein	24.70	0.00
TRINITY_sp|P9816CYP4F8	Cytochrome P450 4F8	24.70	0.00
TRINITY_sp|Q3SZILPCAT3	Lysophospholipid ac	24.70	0.00
TRINITY_sp|Q8CHE7t115	Tubulin polyglutamy	24.70	0.00
TRINITY_sp|O1384rsd1	RNA-binding protein	24.70	0.00

TRINITY_sp|Q8BV7	Trank1	TPR and ankyrin rep	24.70	0.00
TRINITY_sp|Q098(SPAC2G11		Calcium permeable s	24.70	0.00
TRINITY_sp|Q8W02	CCR4-1	Carbon catabolite r	24.60	0.00
TRINITY_sp|Q3UR3	Armc2	Armadillo repeat-co	24.60	0.00
TRINITY_sp|A8JF7	ODA1	Outer dynein arm pr	24.60	0.00
TRINITY_sp|Q1XD1	ycf37	Uncharacterized pro	24.60	0.00
TRINITY_sp|P5161	HCFC1	Host cell factor 1	24.60	0.00
TRINITY_sp|O0041	IPO5	Importin-5 OS=Homo	24.60	0.00
TRINITY_sp|Q9JH2	Slc38a3	Sodium-coupled neut	24.60	0.00
TRINITY_sp|Q6PF1	wdr48	WD repeat-containin	24.60	0.00
TRINITY_sp|Q6NZ1	Dnajc8	DnaJ homolog subfam	24.60	0.00
TRINITY_sp|Q5517	DDB_G027	Protein DDB_G027668	24.60	0.00
TRINITY_sp|P3373	SRP72	Signal recognition	24.60	0.00
TRINITY_sp|A2AS5	Ankrd16	Ankyrin repeat doma	24.60	0.00
TRINITY_sp|B1H11	facp2	Lysosomal acid phos	24.60	0.00
TRINITY_sp|O1543	ABCC4	Multidrug resistanc	24.60	0.00
TRINITY_sp|P9WI1	MT1821	L-gulono-1,4-lacton	24.50	0.00
TRINITY_sp|Q9ST1	ABCA5	ABC transporter A f	24.50	0.00
TRINITY_sp|Q9AV8	PRP19	Pre-mRNA-processing	24.50	0.00
TRINITY_sp|Q8BS1	Ccdc151	Coiled-coil domain-	24.50	0.00
TRINITY_sp|Q8L75	ORP1C	Oxysterol-binding p	24.50	0.00
TRINITY_sp|Q7RR1	PY00695	T-cell immunomodula	24.50	0.00
TRINITY_sp|P5473	pkcA	Serine/threonine-pr	24.50	0.00
TRINITY_sp|Q54M1	lrlA	Latrophilin recepto	24.50	0.00
TRINITY_sp|Q8BG1	Zadh2	Prostaglandin reduc	24.50	0.00
TRINITY_sp|Q9LU1	CYP72A13	Cytochrome P450 72A	24.50	0.00
TRINITY_sp|Q88N1	quiP	Acyl-homoserine lac	24.50	0.00
TRINITY_sp|Q5TH1	VPS13D	Vacuolar protein so	24.50	0.00
TRINITY_sp|Q54F1	ceif2b3	Translation initiat	24.50	0.00
TRINITY_sp|Q9Z01	Itsn2	Intersectin-2 OS=Mu	24.50	0.00
TRINITY_sp|P3438	crn-7	Cell-death-related	24.50	0.00
TRINITY_sp|Q9PT8	KCNH6	Potassium voltage-g	24.50	0.00
TRINITY_sp|Q5XI5	Tt1110	Protein polyglycyla	24.50	0.00
TRINITY_sp|O1411	pop2	WD repeat-containin	24.50	0.00
TRINITY_sp|A0R41	fkshA	3-ketosteroid-9-alp	24.50	0.00
TRINITY_sp|Q54B1	DDB_G029	LIMR family protein	24.40	0.00
TRINITY_sp|B4P51	eIF3-S9	Eukaryotic translat	24.40	0.00
TRINITY_sp|B3WC1	cinA	Putative competence	24.40	0.00
TRINITY_sp|A2YW1	PLP2	Patatin-like protei	24.40	0.00
TRINITY_sp|Q9NWR1	RNF216	E3 ubiquitin-protei	24.40	0.00
TRINITY_sp|Q9H71	NRDE2	Protein NRDE2 homol	24.40	0.00
TRINITY_sp|Q9FF1	PPH	Pheophytinase, chlo	24.40	0.00
TRINITY_sp|Q9HF1	tra1	Transcription-assoc	24.40	0.00
TRINITY_sp|Q08D1	AP2B1	AP-1 complex subuni	24.40	0.00
TRINITY_sp|P7791	secY	Protein translocase	24.40	0.00
TRINITY_sp|O7491	ria1	Ribosome assembly p	24.40	0.00
TRINITY_sp|K7TQ1	EHIP	HSP-interacting pro	24.40	0.00
TRINITY_sp|P7361	sppA	Protease 4 OS=Synec	24.40	0.00
TRINITY_sp|Q17Q1	TFDP1	Transcription facto	24.40	0.00
TRINITY_sp|Q9V71	Cyp6a23	Probable cytochrome	24.40	0.00
TRINITY_sp|Q9SF1	DTX43	Protein DETOXIFICAT	24.40	0.00
TRINITY_sp|Q6PD1	AAGAB	Alpha- and gamma-ad	24.30	0.00
TRINITY_sp|Q8C11	Vps9d1	VPS9 domain-contain	24.30	0.00
TRINITY_sp|O1851	Cyp4d10	Cytochrome P450 4d1	24.30	0.00
TRINITY_sp|Q9QX1	Nufip1	Nuclear fragile X m	24.30	0.00
TRINITY_sp|Q6BZ1	SNX4	Sorting nexin-4 OS=	24.30	0.00

TRINITY_sp|D3Z6|Pdia2	Protein disulfide-i	24.30	0.00
TRINITY_sp|Q8CH|Tt115	Tubulin polyglutamy	24.30	0.00
TRINITY_sp|P532|MDR1	GTPase-activating p	24.30	0.00
TRINITY_sp|Q5XIV|Sart1	U4/U6.U5 tri-snRNP-	24.30	0.00
TRINITY_sp|Q9SK|PAO2	Probable polyamine	24.20	0.00
TRINITY_sp|P516|HCFC1	Host cell factor 1	24.20	0.00
TRINITY_sp|Q8K3|Fanci	Fanconi anemia grou	24.20	0.00
TRINITY_sp|Q6CU|SDS23	Protein SDS23 OS=K1	24.20	0.00
TRINITY_sp|Q8BS|Ccdc151	Coiled-coil domain-	24.20	0.00
TRINITY_sp|Q078|amdA	Acetamidase OS=Myco	24.20	0.00
TRINITY_sp|Q52K|rcc2	Protein RCC2 homolo	24.20	0.00
TRINITY_sp|Q9UB|SRNF14	E3 ubiquitin-protei	24.20	0.00
TRINITY_sp|F4HX|PLA1	Phospholipase A I O	24.20	0.00
TRINITY_sp|Q9Z1|Cdc45	Cell division contr	24.20	0.00
TRINITY_sp|Q9SE|SURF1	Surfeit locus prote	24.20	0.00
TRINITY_sp|P0CB|med14	Putative mediator o	24.20	0.00
TRINITY_sp|Q54S|vgr1F	Metabotropic glutam	24.20	0.00
TRINITY_sp|Q80W|Slc29a3	Equilibrative nucle	24.20	0.00
TRINITY_sp|Q9SV|At4g3825	Amino acid transpor	24.20	0.00
TRINITY_sp|Q802|Ixp04	Exportin-4 OS=Danio	24.20	0.00
TRINITY_sp|A6VY|cddl	D-alanine--D-alanin	24.10	0.00
TRINITY_sp|Q085|ALE1	Lysophospholipid ac	24.10	0.00
TRINITY_sp|Q9C7|ATE2	Arginyl-tRNA--prote	24.10	0.00
TRINITY_sp|P908|F56F10.1	Putative serine pro	24.10	0.00
TRINITY_sp|B4F6|Iaifm2	Apoptosis-inducing	24.10	0.00
TRINITY_sp|F4HP|DTX20	Protein DETOXIFICAT	24.10	0.00
TRINITY_sp|Q9LI|CHUP1	Protein CHUP1, chlo	24.10	0.00
TRINITY_sp|Q9LE|DTX54	Protein DETOXIFICAT	24.10	0.00
TRINITY_sp|Q9P3|fcp1	RNA polymerase II s	24.10	0.00
TRINITY_sp|Q672|Nox3	NADPH oxidase 3 OS=	24.10	0.00
TRINITY_sp|Q54I|slc44a2	Choline transporter	24.10	0.00
TRINITY_sp|Q7Z3|PIWIL3	Piwi-like protein 3	24.10	0.00
TRINITY_sp|P515|tetA	Tetracycline resist	24.00	0.00
TRINITY_sp|O349|yobE	Putative SOS respon	24.00	0.00
TRINITY_sp|Q8T2|prkag	5'-AMP-activated pr	24.00	0.00
TRINITY_sp|Q8IW|WDR63	WD repeat-containin	24.00	0.00
TRINITY_sp|Q5D1|TFAM	Transcription facto	24.00	0.00
TRINITY_sp|Q8S3|SEC5A	Exocyst complex com	24.00	0.00
TRINITY_sp|Q5RF|ZW10	Centromere/kinetoch	24.00	0.00
TRINITY_sp|Q5NC|Ttf2	Transcription termi	24.00	0.00
TRINITY_sp|Q9P8|tcsA	Two-component syste	24.00	0.00
TRINITY_sp|Q55F|dlpA	Dynammin-like protei	24.00	0.00
TRINITY_sp|Q556|DDB_G027	Probable rhodanese	24.00	0.00
TRINITY_sp|Q7MY|rsmB	Ribosomal RNA small	24.00	0.00
TRINITY_sp|Q6QB|Plscr3	Phospholipid scramb	24.00	0.00
TRINITY_sp|B0G1|ucpB	Mitochondrial subst	24.00	0.00
TRINITY_sp|Q275|cyp-13A3	Putative cytochrome	24.00	0.00
TRINITY_sp|Q54W|egcn1	eIF-2-alpha kinase	23.90	0.00
TRINITY_sp|F4JT|VPS54	Vacuolar protein so	23.90	0.00
TRINITY_sp|P146|KSS1	Mitogen-activated p	23.90	0.00
TRINITY_sp|P400|AVT6	Vacuolar amino acid	23.90	0.00
TRINITY_sp|Q80V|Cfap100	Cilia- and flagella	23.90	0.00
TRINITY_sp|P395|ywbF	Uncharacterized tra	23.90	0.00
TRINITY_sp|P599|Sirt6	NAD-dependent prote	23.90	0.00
TRINITY_sp|Q29R|MAT2B	Methionine adenosyl	23.90	0.00
TRINITY_sp|Q103|SPBC582	Uncharacterized ATP	23.90	0.00

TRINITY_sp|Q0912	Cyp24a1	1,25-dihydroxyvitam	23.90	0.00
TRINITY_sp|Q9V99	RhoGAP1	(Rho GTPase-activati	23.90	0.00
TRINITY_sp|Q54E7	abpF	Actin-binding prote	23.90	0.00
TRINITY_sp|Q0234	CACNA1E	Voltage-dependent R	23.90	0.00
TRINITY_sp|Q3KQ	acpt	Testicular acid pho	23.80	0.00
TRINITY_sp|Q54I4	slc44a2	Choline transporter	23.80	0.00
TRINITY_sp|P278	(PEP3	Vacuolar membrane p	23.80	0.00
TRINITY_sp|Q8BI	Ranbp6	Ran-binding protein	23.80	0.00
TRINITY_sp|Q54M	DDB_G02	{von Willebrand fact	23.80	0.00
TRINITY_sp|Q3SZ	AAMP	Angio-associated mi	23.80	0.00
TRINITY_sp|Q2UK	clu1	Clustered mitochond	23.80	0.00
TRINITY_sp|O353	{Phyh	Phytanoyl-CoA dioxy	23.70	0.00
TRINITY_sp|Q9LD	LAG1	LAG1 longevity assu	23.70	0.00
TRINITY_sp|Q5ZK	SETD6	N-lysine methyltran	23.70	0.00
TRINITY_sp|Q29L	mon2	Protein MON2 homolo	23.70	0.00
TRINITY_sp|Q017	{EXOSC10	Exosome component 1	23.70	0.00
TRINITY_sp|Q103	{SPBC582	.Uncharacterized ATP	23.70	0.00
TRINITY_sp|Q7Z4	{NPHP3	Nephrocystin-3 OS=H	23.70	0.00
TRINITY_sp|Q17Q	{SLC37A3	Sugar phosphate exc	23.70	0.00
TRINITY_sp|Q190	pho-1	Intestinal acid pho	23.70	0.00
TRINITY_sp|Q8LB	KING1	SNF1-related protei	23.70	0.00
TRINITY_sp|O152	{ACOX3	Peroxisomal acyl-co	23.70	0.00
TRINITY_sp|Q55E	vps13E	Putative vacuolar p	23.70	0.00
TRINITY_sp|O042	{IMPA3	Importin subunit al	23.60	0.00
TRINITY_sp|Q6EM	TLL5	Tubulin polyglutamy	23.60	0.00
TRINITY_sp|Q9VR	{HERC2	Probable E3 ubiquit	23.60	0.00
TRINITY_sp|Q54T	{tbc1d5B	TBC1 domain family	23.60	0.00
TRINITY_sp|Q6FT	{SFH1	Chromatin structure	23.60	0.00
TRINITY_sp|D3Z8	{Slc38a11	Putative sodium-cou	23.60	0.00
TRINITY_sp|Q535	{nahG	Salicylate hydroxyl	23.60	0.00
TRINITY_sp|Q9WZ	{corA	Cobalt/magnesium tr	23.60	0.00
TRINITY_sp|P250	{CML12	Calmodulin-like pro	23.60	0.00
TRINITY_sp|A7S4	{serinc	Probable serine inc	23.60	0.00
TRINITY_sp|Q58D	{DCAF4	DDB1- and CUL4-asso	23.50	0.00
TRINITY_sp|Q8UU	{eed-a	Polycomb protein ee	23.50	0.00
TRINITY_sp|O805	{ITPK4	Inositol 1,3,4-tris	23.50	0.00
TRINITY_sp|A6QP	{TBC1D2	TBC1 domain family	23.50	0.00
TRINITY_sp|F2Z4	{Herc6	E3 ISG15--protein 1	23.50	0.00
TRINITY_sp|P400	{FTR1	Plasma membrane iro	23.50	0.00
TRINITY_sp|Q4PII	UMAG_001	Acyl-protein thioes	23.50	0.00
TRINITY_sp|Q9LF	{PIN8	Auxin efflux carrie	23.40	0.00
TRINITY_sp|Q8R3	{Tcf25	Transcription facto	23.40	0.00
TRINITY_sp|Q6LL	{pckA	Phosphoenolpyruvate	23.40	0.00
TRINITY_sp|Q6ZP	{Ankib1	Ankyrin repeat and	23.40	0.00
TRINITY_sp|Q8NB	{KDM1B	Lysine-specific his	23.40	0.00
TRINITY_sp|Q9VC	{Cyp6d4	Probable cytochrome	23.40	0.00
TRINITY_sp|Q9LG	{PARN	Poly(A)-specific ri	23.40	0.00
TRINITY_sp|Q9P4	{tcsB	Two-component syste	23.40	0.00
TRINITY_sp|Q092	{nrf-6	Nose resistant to f	23.40	0.00
TRINITY_sp|Q8SR	{ECU08_1	Probable cell divis	23.40	0.00
TRINITY_sp|Q54E	{gacEE	Rho GTPase-activati	23.40	0.00
TRINITY_sp|Q5B4	{btgC	Glucan endo-1,3-bet	23.40	0.00
TRINITY_sp|Q4G0	{CCDC40	Coiled-coil domain-	23.40	0.00
TRINITY_sp|P360	{VPS24	Vacuolar protein-so	23.40	0.00
TRINITY_sp|Q8BV	{Ifi44	Interferon-induced	23.40	0.00
TRINITY_sp|Q6DF	{ccdc77	Coiled-coil domain-	23.30	0.00

TRINITY_sp|P207(uvsW	ATP-dependent DNA h	23.30	0.00
TRINITY_sp|P3451K11H3.3	Putative tricarboxy	23.30	0.00
TRINITY_sp|Q9FKY|PILS7	Protein PIN-LIKES 7	23.30	0.00
TRINITY_sp|Q0JJIMAN2	Mannan endo-1,4-bet	23.30	0.00
TRINITY_sp|Q96Q|HS3ST6	Heparan sulfate glu	23.30	0.00
TRINITY_sp|Q66I|srrt	Serrate RNA effecto	23.30	0.00
TRINITY_sp|Q8CH|Mbtps2	Membrane-bound tran	23.30	0.00
TRINITY_sp|Q5XE|HES01	Protein HES01 OS=Ar	23.30	0.00
TRINITY_sp|P146(cyrl	Adenylate cyclase O	23.30	0.00
TRINITY_sp|Q54K|talB	Talin-B OS=Dictyost	23.20	0.00
TRINITY_sp|Q4WL|lutp10	U3 small nucleolar	23.20	0.00
TRINITY_sp|Q3KQ|acpt	Testicular acid pho	23.20	0.00
TRINITY_sp|Q906|PLA2G7	Platelet-activating	23.20	0.00
TRINITY_sp|P973|Rhod	Rho-related GTP-bin	23.20	0.00
TRINITY_sp|P366|rad8	DNA repair protein	23.20	0.00
TRINITY_sp|P343|ncx-6	Putative sodium/cal	23.20	0.00
TRINITY_sp|Q9SD|GLR3.7	Glutamate receptor	23.20	0.00
TRINITY_sp|P292|pds	Phytoene dehydrogen	23.20	0.00
TRINITY_sp|A2VE|CG4495	Calcium uptake prot	23.20	0.00
TRINITY_sp|P196|LTA4H	Leukotriene A-4 hyd	23.20	0.00
TRINITY_sp|Q6PE|Cfap206	Cilia- and flagella	23.20	0.00
TRINITY_sp|Q4GZ|ABCG2	ATP-binding cassett	23.10	0.00
TRINITY_sp|Q425|GN	ARF guanine-nucleot	23.10	0.00
TRINITY_sp|Q556|ctpA	Carboxyl-terminal-p	23.10	0.00
TRINITY_sp|Q9P7|SPAC1142	Uncharacterized NOC	23.10	0.00
TRINITY_sp|P509|AVT4	Vacuolar amino acid	23.10	0.00
TRINITY_sp|P355|CSNK1B	Casein kinase I iso	23.10	0.00
TRINITY_sp|F4K3|KIN7L	Kinesin-like protei	23.10	0.00
TRINITY_sp|Q8VX|XEG113	Arabinosyltransfera	23.10	0.00
TRINITY_sp|Q75C|MVP1	Sorting nexin MVP1	23.10	0.00
TRINITY_sp|Q9Y7|SPCC1450	PX domain-containin	23.10	0.00
TRINITY_sp|Q4PH|BRO1	Vacuolar protein-so	23.10	0.00
TRINITY_sp|P323|PSE1	Importin subunit be	23.10	0.00
TRINITY_sp|Q100|C28F5.4	Putative zinc prote	23.10	0.00
TRINITY_sp|Q425|GN	ARF guanine-nucleot	23.00	0.00
TRINITY_sp|A7S4|serinc	Probable serine inc	23.00	0.00
TRINITY_sp|O429|las1	Pre-rRNA-processing	23.00	0.00
TRINITY_sp|Q86K|phyA	Prolyl 4-hydroxylas	23.00	0.00
TRINITY_sp|Q8N8|TLL6	Tubulin polyglutamy	23.00	0.00
TRINITY_sp|A0A0|M3KE1	MAP3K epsilon prote	23.00	0.00
TRINITY_sp|O758|GABBR2	Gamma-aminobutyric	23.00	0.00
TRINITY_sp|Q9LF|VAMP713	Vesicle-associated	23.00	0.00
TRINITY_sp|Q6P7|hzc3hc1	NIPA-like protein O	22.90	0.00
TRINITY_sp|Q49A|FAM135B	Protein FAM135B OS=	22.90	0.00
TRINITY_sp|Q23M|Tt116a	Probable beta-tubul	22.90	0.00
TRINITY_sp|Q7TS|Ppp6r1	Serine/threonine-pr	22.90	0.00
TRINITY_sp|Q93V|EATG18A	Autophagy-related p	22.90	0.00
TRINITY_sp|P400|AVT6	Vacuolar amino acid	22.90	0.00
TRINITY_sp|Q042|PDS5	Sister chromatid co	22.90	0.00
TRINITY_sp|Q5RD|KBTBD2	Kelch repeat and BT	22.90	0.00
TRINITY_sp|P343|ncx-6	Putative sodium/cal	22.90	0.00
TRINITY_sp|Q8R3|Dyx1c1	Dyslexia susceptibi	22.90	0.00
TRINITY_sp|Q6F4|MAP25	Aspartyl protease 2	22.90	0.00
TRINITY_sp|Q54J|sibD	Integrin beta-like	22.80	0.00
TRINITY_sp|Q5F4|PPP6R3	Serine/threonine-pr	22.80	0.00
TRINITY_sp|Q9LE|DTX54	Protein DETOXIFICAT	22.80	0.00

TRINITY_sp|Q555(vps13B	Putative vacuolar p	22.80	0.00
TRINITY_sp|P342(EDE1	EH domain-containin	22.80	0.00
TRINITY_sp|Q96M(CFAP44	Cilia- and flagella	22.80	0.00
TRINITY_sp|Q023(GLG1	Golgi apparatus pro	22.80	0.00
TRINITY_sp|Q9FL(ABCA10	ABC transporter A f	22.80	0.00
TRINITY_sp|Q9P2(CANKIB1	Ankyrin repeat and	22.70	0.00
TRINITY_sp|P128(PEP5	E3 ubiquitin-protei	22.70	0.00
TRINITY_sp|Q222(ugt-50	Putative UDP-glucur	22.70	0.00
TRINITY_sp|Q58C(KLHDC3	Kelch domain-contai	22.70	0.00
TRINITY_sp|P029(tetA	Tetracycline resist	22.70	0.00
TRINITY_sp|Q9SY(PIP5P13	Type I inositol pol	22.70	0.00
TRINITY_sp|Q6EM(TTLL5	Tubulin polyglutamy	22.70	0.00
TRINITY_sp|Q5EA(TMEM164	Transmembrane prote	22.70	0.00
TRINITY_sp|P189(IRA1	Inhibitory regulato	22.70	0.00
TRINITY_sp|Q6P6(ak8	Adenylate kinase 8	22.60	0.00
TRINITY_sp|Q8ND(BBOF1	Basal body-orientat	22.60	0.00
TRINITY_sp|O046(GLR2.1	Glutamate receptor	22.60	0.00
TRINITY_sp|P870(pop1	WD repeat-containin	22.60	0.00
TRINITY_sp|Q8CG(Elac2	Zinc phosphodiester	22.60	0.00
TRINITY_sp|Q7T6(MIMI_R8	Putative serine/thr	22.60	0.00
TRINITY_sp|Q9LII(LDL2	Lysine-specific his	22.50	0.00
TRINITY_sp|Q5QN(Os01g021	Potassium channel K	22.50	0.00
TRINITY_sp|Q088(FAR2	Fatty acyl-CoA redu	22.50	0.00
TRINITY_sp|P741(sll1374	Uncharacterized sym	22.50	0.00
TRINITY_sp|Q5RD(CTC1	CST complex subunit	22.50	0.00
TRINITY_sp|O598(SPCC550	Probable importin c	22.50	0.00
TRINITY_sp|Q146(PDCD11	Protein RRP5 homolo	22.50	0.00
TRINITY_sp|B1H1(acp2	Lysosomal acid phos	22.50	0.00
TRINITY_sp|Q8CQ(drp35	Lactonase drp35 OS=	22.40	0.00
TRINITY_sp|Q67V(Os06g04	G patch domain-cont	22.40	0.00
TRINITY_sp|Q54P(DDB_G02	Probable acid phosp	22.40	0.00
TRINITY_sp|P871(SPAC57A	Uncharacterized pro	22.30	0.00
TRINITY_sp|Q6NX(Rcctb1	RCC1 and BTB domain	22.30	0.00
TRINITY_sp|Q54L(vps13A	Putative vacuolar p	22.30	0.00
TRINITY_sp|Q1ZX(Gr1K	Metabotropic glutam	22.30	0.00
TRINITY_sp|Q9P8(SNF4	Nuclear protein SNF	22.30	0.00
TRINITY_sp|Q1KK(lnpa	Protein lunapark-A	22.30	0.00
TRINITY_sp|Q0EE(Ptchd3	Patched domain-cont	22.30	0.00
TRINITY_sp|Q556(slr0021	Putative protease s	22.30	0.00
TRINITY_sp|P593(barA	Signal transduction	22.20	0.00
TRINITY_sp|P182(AAC3	ADP,ATP carrier pro	22.20	0.00
TRINITY_sp|P266(Sos	Protein son of seve	22.20	0.00
TRINITY_sp|P064(RB1	Retinoblastoma-asso	22.20	0.00
TRINITY_sp|Q54H(cswp1	Dolichyl-diphosphoo	22.20	0.00
TRINITY_sp|Q7Z1(CYP51	Sterol 14-alpha dem	22.20	0.00
TRINITY_sp|Q3LX(RBR3	Retinoblastoma-rela	22.20	0.00
TRINITY_sp|O889(Slc22a8	Solute carrier fami	22.20	0.00
TRINITY_sp|A8JF(ODA1	Outer dynein arm pr	22.20	0.00
TRINITY_sp|Q54F(igtgf2b	Transcription initi	22.10	0.00
TRINITY_sp|O008(-	Uncharacterized 80	22.10	0.00
TRINITY_sp|Q4R5(ACP2	Lysosomal acid phos	22.10	0.00
TRINITY_sp|A6QL(TRAPPC11	Trafficking protein	22.10	0.00
TRINITY_sp|Q8LB(KING1	SNF1-related protei	22.10	0.00
TRINITY_sp|O315(YesF	Uncharacterized oxi	22.10	0.00
TRINITY_sp|B2S1(mnmA	tRNA-specific 2-thi	22.10	0.00
TRINITY_sp|Q54U(sec24	Protein transport p	22.00	0.00

TRINITY_sp|Q9HFHtra1	Transcription-assoc	22.00	0.00
TRINITY_sp|B3M12eIF3-S5	Eukaryotic translat	22.00	0.00
TRINITY_sp|Q9M88SKOR	Potassium channel S	22.00	0.00
TRINITY_sp|Q54J7sibC	Integrin beta-like	22.00	0.00
TRINITY_sp|Q10S8NLP1	Protein NLP1 OS=Ory	22.00	0.00
TRINITY_sp|Q8RW8CNGC5	Probable cyclic nuc	21.90	0.00
TRINITY_sp|Q54TmdrkD	Probable serine/thr	21.90	0.00
TRINITY_sp|Q9M97APCB1	Aspartyl protease A	21.90	0.00
TRINITY_sp|O0762yhfW	Putative Rieske 2Fe	21.90	0.00
TRINITY_sp|Q54E7gr1E	Metabotropic glutam	21.90	0.00
TRINITY_sp|Q6DFEipoc5	Centrosomal protein	21.80	0.00
TRINITY_sp|Q0787VPS13	Vacuolar protein so	21.80	0.00
TRINITY_sp|Q66K8fam161a	Protein FAM161A OS=	21.80	0.00
TRINITY_sp|Q9BY1SCAPER	S phase cyclin A-as	21.80	0.00
TRINITY_sp|P2565CDC39	General negative re	21.80	0.00
TRINITY_sp|Q8WN1KCNH2	Potassium voltage-g	21.80	0.00
TRINITY_sp|P3660rad8	DNA repair protein	21.70	0.00
TRINITY_sp|A6ZUCSDS23	Protein SDS23 OS=Sa	21.70	0.00
TRINITY_sp|Q5F36ABCC1	Multidrug resistanc	21.70	0.00
TRINITY_sp|Q9VF7ldlCp	Conserved oligomeri	21.70	0.00
TRINITY_sp|Q5W25pigC	Prodigiosin synthes	21.70	0.00
TRINITY_sp|A9UY9serinc	Probable serine inc	21.60	0.00
TRINITY_sp|Q6I51CPK16	Calcium-dependent p	21.60	0.00
TRINITY_sp|Q54J8sibB	Integrin beta-like	21.60	0.00
TRINITY_sp|P5407KTR6	Mannosyltransferase	21.50	0.00
TRINITY_sp|P5568NGR_a010	Uncharacterized zin	21.50	0.00
TRINITY_sp|F4JK8SUD1	Probable E3 ubiquit	21.50	0.00
TRINITY_sp|Q5F31UTP15	U3 small nucleolar	21.40	0.00
TRINITY_sp|Q1034cbs2	5'-AMP-activated pr	21.40	0.00
TRINITY_sp|Q9SZ8PEP	RNA-binding KH doma	21.30	0.00
TRINITY_sp|Q4PS7MAP65-9	65-kDa microtubule-	21.30	0.00
TRINITY_sp|O0084-	Uncharacterized 80	21.30	0.00
TRINITY_sp|P5496TLN1	Talin-1 OS=Gallus g	21.20	0.00
TRINITY_sp|Q9SD9GLR3.7	Glutamate receptor	21.20	0.00
TRINITY_sp|Q6400wdr82-a	WD repeat-containin	21.10	0.00
TRINITY_sp|Q56A4ccdc40	Coiled-coil domain-	21.10	0.00
TRINITY_sp|Q54G0crlf	Cyclic AMP receptor	21.10	0.00
TRINITY_sp|B7ZU8setd3	Histone-lysine N-me	21.10	0.00
TRINITY_sp|Q5QJ7TBCEL	Tubulin-specific ch	21.00	0.00
TRINITY_sp|Q74E0ubiE	Ubiquinone/menaquin	21.00	0.00
TRINITY_sp|P1111ACP2	Lysosomal acid phos	21.00	0.00
TRINITY_sp|P4656ckb-3	Putative choline ki	20.90	0.00
TRINITY_sp|Q0J70TPR2	Protein TPR2 OS=Ory	20.80	0.00
TRINITY_sp|Q8AY8CENPI	Centromere protein	20.80	0.00
TRINITY_sp|Q7SC9sym-1	Protein sym-1 OS=Ne	20.70	0.00
TRINITY_sp|Q5FB0tmcb	Tiny macrocysts pro	20.60	0.00
TRINITY_sp|Q9VS4Rint1	RINT1-like protein	20.50	0.00
TRINITY_sp|Q5NV8ACP2	Lysosomal acid phos	20.50	0.00
TRINITY_sp|O0084-	Uncharacterized 80	20.40	0.00
TRINITY_sp|Q1828sec-15	Exocyst complex com	20.40	0.00
TRINITY_sp|Q8NDMCFAP43	Cilia- and flagella	20.20	0.00
TRINITY_sp|P3453rfp-1	E3 ubiquitin-protei	20.20	0.00
TRINITY_sp|Q8IV8LOXHD1	Lipoxygenase homolo	19.90	0.00
TRINITY_sp|Q50E8CYP716B2	Cytochrome P450 716	19.60	0.00
TRINITY_sp|P4006KAP123	Importin subunit be	19.50	0.00
TRINITY_sp|A8JF8ODA1	Outer dynein arm pr	19.50	0.00

TRINITY_sp|Q922IFpp6r3 Serine/threonine-pr 19.30 0.00