

Protein IDs	Gene Name	Fasta headers	Number of proteins	Peptide size	Razor + unique peptides	Uniqueness	Sequence coverage	Mol. weight [kDa]	LFQ intensity N1	LFQ intensity N2	LFQ intensity N3	LFQ intensity O1	LFQ intensity O2	LFQ intensity O3
sp A0A024	NUDT4B	sp A0A024	2	4	4	3	32	20.434	1271400000	0	0	0	1464500000	1533600000
sp Q9Y53	PPIAL4A	sp Q9Y53	5	3	1	1	29	18.182	0	0	0	0	0	88828000
sp P0DPI2	GATD3A	sp P0DPI2	2	5	5	5	30	28.17	504530000	384590000	394500000	472040000	644230000	495730000
sp A0A0C	IGKV1-12	sp A0A0C	1	1	1	1	17	12.645	0	0	0	0	313010000	0
sp A0AVT	UBA6	sp A0AVT	1	21	21	21	26	117.97	997210000	1282600000	899440000	1137700000	1186800000	1016400000
sp A0FGR	ESYT2	sp A0FGR	1	9	9	9	14	102.36	211090000	255030000	264560000	311370000	234600000	233320000
sp A0JLT2	MED19	sp A0JLT2	1	2	2	2	21	26.273	0	0	0	0	0	32156000
sp A0MZ6	SHTN1	sp A0MZ6	1	6	6	6	13	71.639	225060000	191510000	0	226570000	223480000	0
sp A1L0T0	ILVBL	sp A1L0T0	1	7	7	7	19	67.867	271700000	248670000	326650000	345190000	265560000	187680000
sp A1L157	TSPAN11	sp A1L157	1	1	1	1	3.2	28.245	0	0	0	0	0	325900000
sp A1X283	SH3PXD2	sp A1X283	1	3	3	2	3.2	101.58	57145000	64497000	0	0	70814000	79743000
sp A2A3N	PIPSL	sp A2A3N	2	3	2	2	4.8	95.047	0	0	0	0	79478000	0
sp A3KMH	VWA8	sp A3KMH	1	3	3	3	2.9	214.82	0	0	0	0	0	41823000
sp A3KN8	SBNO1	sp A3KN8	1	4	4	4	4.4	154.31	0	0	79631000	0	0	57983000
sp A4D1E	GTPBP10	sp A4D1E	1	3	3	3	15	42.932	132030000	0	82881000	84058000	115240000	69105000
sp A5YKK	CNOT1	sp A5YKK	1	24	24	24	13	266.94	792400000	961250000	876170000	782180000	690360000	766000000
sp Q9GZC	MAP1LC3	sp Q9GZC	3	2	2	2	17	14.688	265450000	348940000	273230000	512850000	376930000	262640000
sp A6NDG	PGP	sp A6NDG	1	8	8	8	37	34.006	598380000	370420000	463860000	382890000	441490000	309330000
sp A6NDR	MEIS3P1	sp A6NDR	4	1	1	1	4	30.204	0	0	0	0	0	50886000
sp A6NDU	C5orf51	sp A6NDU	1	3	3	3	18	33.62	187660000	274420000	0	137500000	0	0
sp A6NHL	TUBAL3	sp A6NHL	1	5	1	1	11	49.908	0	0	0	0	23857000	0
sp A6NHC	FBLL1	sp A6NHC	1	2	1	1	6.6	34.803	0	0	0	0	0	740750000
sp A6NHF	SMCHD1	sp A6NHF	1	8	8	8	6.1	226.37	320920000	272290000	0	299240000	309340000	337490000
sp A6NKD	CCDC85C	sp A6NKD	1	1	1	1	4.3	45.209	0	0	0	0	0	90920000
sp A6NKT	RGPD3	sp A6NKT	4	18	1	1	13	197.48	0	0	0	0	0	134930000
sp A8CG3	POM121C	sp A8CG3	2	3	3	3	4.1	125.09	0	88746000	33293000	77209000	0	0
sp A8K8P	SFI1	sp A8K8P	1	1	1	1	0.6	147.66	0	170180000	0	0	0	0
sp A8MQ0	CYSRT1	sp A8MQ0	1	2	2	2	25	15.313	83168000	0	0	0	0	76193000
sp P62308	SNRPG	sp P62308	2	2	2	2	25	8.496	2115600000	1934200000	1930900000	1633900000	2234500000	1609100000
sp A8MXV	NUDT19	sp A8MXV	1	1	1	1	8	42.233	0	0	0	0	0	17372000
sp B7ZAP	RABGAP	sp B7ZAP	1	2	1	1	10	29.038	0	0	0	0	0	372870000
sp P0CG0	GPR89B	sp P0CG0	2	1	1	1	2.6	52.916	0	0	0	0	74044000	0
sp Q13764	NACA	sp Q13764	2	5	5	4	33	23.384	7295000000	8535600000	6227800000	5949300000	6370500000	5699000000
sp E9PRG	C11orf98	sp E9PRG	1	1	1	1	11	13.798	0	0	0	152130000	0	0
sp L0R6Q	SLC35A4	sp L0R6Q	1	4	4	4	48	11.133	368050000	252330000	381750000	443910000	411600000	442300000

sp L0R819	ASDURF	sp L0R819	1	1	1	1	10	11.25	0	0	0	0	43716000	0
sp O00116	AGPS	sp O00116	1	18	18	18	41	72.911	3498100000	3475400000	3431200000	4632800000	4307800000	5328400000
sp O00124	UBXN8	sp O00124	1	1	1	1	6.3	30.541	0	0	0	15520000	0	0
sp O00139	KIF2A	sp O00139	1	10	10	9	17	79.954	349060000	425880000	319850000	425210000	351760000	331270000
sp O00148	DDX39A	sp O00148	1	18	7	7	49	49.129	1384400000	1321000000	1601500000	1871200000	1938300000	1959700000
sp O00157	PDLIM1	sp O00157	1	14	14	14	71	36.071	1612600000	1443100000	1127700000	1507400000	1508600000	1437700000
sp O00158	ACOT7	sp O00158	2	9	9	9	30	41.796	2409200000	2516500000	2643400000	2607200000	2622000000	2867700000
sp O00159	MYO1C	sp O00159	1	24	24	24	29	121.68	2085900000	2382500000	2324800000	2095500000	2224700000	2775600000
sp O00167	SNAP23	sp O00167	1	6	6	6	36	23.354	440450000	363770000	527800000	504700000	534240000	429870000
sp O00168	HAX1	sp O00168	1	3	3	3	18	31.62	102250000	0	95599000	115930000	115990000	106470000
sp O00170	AIP	sp O00170	1	9	9	9	42	37.636	1306200000	1163300000	1124800000	1119700000	1065100000	835570000
sp O00178	GTPBP1	sp O00178	1	3	3	3	7	72.453	0	0	77957000	0	0	0
sp O00180	KCNK1	sp O00180	1	1	1	1	5.7	38.143	0	0	86876000	98339000	0	0
sp O00186	STXBP3	sp O00186	1	5	5	5	9.8	67.764	76407000	60548000	87726000	72651000	85268000	81877000
sp O00193	SMAP	sp O00193	1	4	4	4	26	20.332	954130000	724730000	782880000	841830000	616460000	773200000
sp O00194	RAB27B	sp O00194	1	1	1	1	5	24.608	0	0	0	0	13376000	0
sp O00203	AP3B1	sp O00203	2	9	9	9	11	121.32	478770000	599930000	514690000	670640000	446270000	431830000
sp O00214	LGALS8	sp O00214	1	3	3	3	11	35.808	0	0	0	0	0	109140000
sp O00217	NDUFS8	sp O00217	1	3	3	3	18	23.705	202490000	236730000	243090000	170710000	237210000	235760000
sp O00233	PSMD11	sp O00233	1	15	15	15	42	47.463	2479300000	2834800000	2872700000	2799500000	3027200000	3277300000
sp O00233	PSMD12	sp O00233	1	18	18	18	46	52.904	2956000000	2554300000	2741300000	2711400000	2599600000	3150000000
sp O00233	PSMD9	sp O00233	1	8	8	8	41	24.682	679250000	566240000	502280000	630660000	687780000	586430000
sp O00244	ATOX1	sp O00244	1	3	3	3	50	7.4016	1136300000	1334800000	1267400000	1203400000	1762200000	1031000000
sp O00257	CBX4	sp O00257	1	3	3	3	10	61.367	0	0	36702000	0	0	0
sp O00264	PGRMC1	sp O00264	1	9	8	8	58	21.671	2168200000	2320900000	2616400000	2791600000	2637900000	2175000000
sp O00267	SUPT5H	sp O00267	1	11	11	11	16	121	558960000	474360000	589040000	418730000	478690000	641380000
sp O00273	DFFA	sp O00273	1	8	8	8	30	36.521	848230000	1057300000	745800000	817030000	809740000	930100000
sp O00293	CLIC1	sp O00293	1	13	13	13	70	26.922	1.2853E+10	1.451E+10	1.2087E+10	12687000000	13919000000	1.117E+10
sp O00303	EIF3F	sp O00303	1	13	13	13	43	37.563	2860500000	3162100000	2793100000	2618700000	2717900000	3253300000
sp O00308	WWP2	sp O00308	1	1	1	1	2	98.911	0	0	0	0	0	28899000
sp O00330	PDHX	sp O00330	1	5	5	5	16	54.122	292570000	184810000	273220000	178610000	233560000	271100000
sp O00401	WASL	sp O00401	1	3	3	3	6.9	54.826	0	0	0	0	164840000	0
sp O00410	IPO5	sp O00410	1	36	36	34	54	123.63	1.0424E+10	1.0603E+10	1.1435E+10	10919000000	9729800000	1.0188E+10
sp O00411	POLRMT	sp O00411	1	3	3	3	4.5	138.62	0	0	0	0	164780000	0
sp O00422	SAP18	sp O00422	1	6	6	6	33	17.561	601250000	697450000	389500000	529110000	753000000	958410000
sp O00423	IGF2BP3	sp O00423	1	18	18	16	38	63.704	2717300000	2896100000	2779800000	2646800000	2830900000	2634000000
sp O00429	DNM1L	sp O00429	1	24	24	24	53	81.876	1767800000	2019600000	2145100000	1741300000	1658100000	1877400000
sp O00442	RTCA	sp O00442	1	3	3	3	14	39.336	123670000	89422000	76924000	0	107770000	142070000
sp O00456	IFRD1	sp O00456	1	3	3	3	12	50.268	0	0	0	0	0	154970000

sp O0046 GOLIM4	sp O0046	1	8	8	8	14	81.879	342190000	409790000	476160000	480060000	557640000	498740000
sp O0046 AGRN	sp O0046	1	3	3	3	2.3	217.23	0	0	0	26884000	0	0
sp O0046 PLOD2	sp O0046	1	14	14	14	26	84.685	1564800000	2112900000	1716400000	1505500000	1721600000	1665300000
sp O0048 NDUFA4	sp O0048	1	4	4	4	47	9.3697	735290000	695230000	838160000	599670000	608200000	699660000
sp O0048 PSMD14	sp O0048	1	7	7	7	41	34.577	1491600000	1923600000	1333300000	1515900000	1607300000	1838700000
sp O0048 ZNF593	sp O0048	1	1	1	1	10	15.199	0	0	0	0	0	34222000
sp O0049 BIN1	sp O0049	1	9	9	9	25	64.699	329730000	611070000	615400000	398650000	427490000	351320000
sp O0050 KPNA3	sp O0050	1	9	7	7	30	57.81	581730000	522730000	644440000	473920000	396030000	577920000
sp O0050 USP9Y	sp O0050	1	11	1	1	5.4	291.07	0	0	0	0	48870000	0
sp O0054 PES1	sp O0054	1	12	12	12	21	68.002	1086000000	1160200000	1150600000	1081700000	1115800000	1310300000
sp O0056 SDCBP	sp O0056	1	9	9	9	51	32.444	674690000	787260000	549830000	637010000	667860000	716830000
sp O0056 MPHOSP	sp O0056	1	7	7	7	19	78.863	451850000	383970000	478440000	391370000	372460000	467350000
sp O0056 NOP56	sp O0056	1	22	22	22	48	66.049	3771700000	4120300000	3941500000	4499600000	4616700000	4417600000
sp O0057 DDX3X	sp O0057	3	30	29	29	53	73.243	9735600000	1.0143E+10	1.1098E+10	9228500000	9493100000	1.0568E+10
sp O0059 PODXL	sp O0059	1	7	7	7	12	58.635	1548200000	1699100000	1187700000	1903100000	1700600000	1856800000
sp O0062 PIR	sp O0062	1	8	8	8	43	32.113	1177000000	1674600000	1433800000	1197200000	996030000	1400400000
sp O0062 KPNA4	sp O0062	1	11	11	9	39	57.886	1498800000	1432800000	1414000000	1236400000	1337200000	1205900000
sp O0074 PPP6C	sp O0074	1	9	9	9	40	35.144	810990000	861790000	742380000	763730000	762100000	651690000
sp O0076 UBE2C	sp O0076	1	4	4	4	39	19.652	540370000	340730000	505190000	295420000	0	281300000
sp O0076 PDXK	sp O0076	1	11	11	11	44	35.102	2084000000	2325900000	2035400000	2224900000	2317400000	2274800000
sp O0076 SCD	sp O0076	1	2	2	2	11	41.522	116060000	499020000	479250000	16272000	20105000	12995000
sp O1449 CLDN4	sp O1449	4	1	1	1	7.7	22.077	0	0	0	0	0	60188000
sp O1449 ARID1A	sp O1449	1	5	5	4	4	242.04	115670000	104560000	0	0	0	109420000
sp O1451 NCKAP5	sp O1451	1	3	3	3	1.8	208.53	0	259680000	0	0	0	0
sp O1452 SDHD	sp O1452	1	2	2	2	11	17.043	81334000	116770000	0	143700000	0	0
sp O1453 TXNDC9	sp O1453	1	7	7	7	37	26.534	329100000	362990000	372450000	312120000	437020000	369590000
sp O1454 COX7A2L	sp O1454	1	2	2	2	40	12.615	0	209280000	302690000	187880000	0	0
sp O1456 NDUFAB1	sp O1456	1	4	4	4	21	17.417	926040000	1249900000	1094500000	1024800000	1172400000	727810000
sp O1456 UBFD1	sp O1456	1	1	1	1	5.8	33.382	0	0	0	0	0	27404000
sp O1456 CYB561D	sp O1456	1	1	1	1	5.4	23.973	0	0	0	0	0	18161000
sp O1457 COPE	sp O1457	1	10	10	10	50	34.482	1687400000	1677500000	1494800000	1955500000	1415600000	1235300000
sp O1461 AP3D1	sp O1461	1	15	15	15	21	130.16	635370000	693950000	799070000	686800000	918310000	773160000
sp O1461 CCS	sp O1461	1	2	2	2	7.7	29.04	0	0	0	80991000	0	0
sp O1463 ABLM1	sp O1463	1	5	5	5	9.8	87.687	130360000	185790000	179790000	0	0	196790000
sp Q9299 DVL3	sp Q9299	2	1	1	1	1.7	78.054	0	0	0	0	0	44223000
sp O1464 CHD1	sp O1464	1	5	5	5	3.7	196.69	0	85877000	0	0	0	0
sp O1465 TOR1A	sp O1465	1	1	1	1	3	37.808	0	0	0	0	0	58361000
sp O1465 TOR1B	sp O1465	1	3	3	3	8.6	37.978	82800000	75055000	100360000	85964000	93084000	0
sp O1467 ADAM10	sp O1467	1	1	1	1	4	84.141	0	0	0	0	0	44282000

sp O1468 PTGES	sp O1468	1	2	2	2	13	17.102	684160000	504420000	1273900000	1559700000	1309700000	1992100000
sp O1473 IMPA2	sp O1473	1	2	2	2	7.6	31.321	0	0	0	0	0	58130000
sp O1473 ACOT8	sp O1473	1	2	2	2	8.5	35.914	0	0	0	0	89968000	0
sp O1473 CDIPT	sp O1473	1	2	2	2	10	23.539	163510000	144590000	188790000	158380000	140840000	212140000
sp O1473 PDCD5	sp O1473	1	6	6	6	46	14.285	1956800000	1666700000	2275400000	1740100000	2175500000	2111600000
sp O1474 PRMT5	sp O1474	1	18	18	18	39	72.683	2388100000	2235100000	2250500000	2401900000	2228200000	2360700000
sp O1474 SLC9A3R	sp O1474	1	12	12	12	39	38.868	2248200000	1989900000	1721000000	2041100000	2305500000	2220000000
sp O1477 TPP1	sp O1477	1	2	2	2	5.7	61.247	83196000	0	0	0	0	217810000
sp O1477 TCERG1	sp O1477	1	24	24	24	24	123.9	1429900000	1531700000	1489900000	1374400000	1300000000	1521700000
sp O1477 NDC80	sp O1477	1	5	5	5	8.6	73.912	146910000	0	196220000	0	126440000	0
sp O1478 TNPO2	sp O1478	1	4	1	1	5.4	101.39	0	0	0	0	9895200	0
sp O1481 PSMA7	sp O1481	2	12	12	12	53	27.887	4805400000	4927000000	4570800000	4838100000	5554100000	5564900000
sp O1482 SCAMP3	sp O1482	1	7	7	7	31	38.287	755550000	1031300000	733200000	670350000	611320000	1057500000
sp O1487 IFIT3	sp O1487	1	8	8	8	24	55.984	199430000	212150000	167840000	260840000	209680000	201180000
sp O1488 MGST3	sp O1488	1	3	3	3	25	16.516	690110000	477770000	678340000	748700000	393860000	435040000
sp O1490 TAX1BP3	sp O1490	1	2	2	2	25	13.735	503360000	330960000	454750000	403540000	502640000	517220000
sp O1490 GIPC1	sp O1490	2	7	7	7	33	36.049	475260000	392070000	497810000	303340000	412730000	370660000
sp O1492 TIMM23	sp O1492	2	3	3	3	23	21.943	390100000	519660000	340120000	331830000	424700000	326170000
sp O1492 HAT1	sp O1492	1	10	10	10	35	49.512	2357700000	2127700000	2486200000	1784400000	1948500000	2033600000
sp O1493 CASK	sp O1493	1	5	5	5	7.5	105.12	97844000	178410000	137540000	114210000	125020000	136130000
sp O1494 UQCQRQ	sp O1494	1	3	3	3	33	9.9062	399150000	394540000	434530000	417250000	521160000	427500000
sp P19105 MYL12A	sp P19105	2	8	8	3	63	19.794	7570200000	7087600000	6974800000	7474300000	8589500000	8415800000
sp O1496 HGS	sp O1496	1	8	8	8	11	86.191	693160000	441780000	566470000	573600000	597650000	625630000
sp O1496 AURKA	sp O1496	1	11	11	11	38	45.809	305790000	326930000	379340000	355290000	389540000	409550000
sp O1497 DSCR3	sp O1497	1	5	5	5	21	33.01	123310000	113790000	127540000	96542000	105740000	71293000
sp O1497 PPP1R12	sp O1497	1	15	15	15	21	115.28	1228900000	1106600000	989780000	1039200000	1081600000	1157700000
sp O1497 SLC27A2	sp O1497	1	4	4	4	12	70.311	71866000	86429000	89325000	116330000	132680000	85705000
sp O1497 GAK	sp O1497	1	6	6	6	6.6	143.19	138750000	196040000	157570000	160330000	159380000	120420000
sp O1497 HNRNPDL	sp O1497	1	11	10	10	21	46.437	4476900000	3526000000	3853000000	3836900000	4132600000	3950500000
sp O1498 XPO1	sp O1498	1	35	35	35	45	123.38	6086400000	6653800000	6257700000	5733500000	5319900000	6071900000
sp O1498 BTAF1	sp O1498	1	2	2	2	1.5	206.89	0	0	0	0	0	62518000
sp O1501 ARHGEF1	sp O1501	1	4	4	4	4.3	151.61	33742000	52530000	54864000	31305000	32839000	31360000
sp O1502 SPTBN2	sp O1502	1	18	12	12	11	271.32	467990000	417560000	388780000	355690000	372840000	434350000
sp O1502 SEC16A	sp O1502	1	29	29	29	25	233.51	1698700000	1618500000	1629800000	1690700000	1401700000	1594300000
sp O1503 PLXNB2	sp O1503	1	11	11	11	8.1	205.12	530330000	533430000	690030000	419010000	605220000	548520000
sp O1504 U2SURP	sp O1504	1	8	8	8	13	118.29	816770000	644520000	826590000	569360000	526220000	698140000
sp O1505 SYNJ2	sp O1505	1	2	2	2	1.7	165.54	0	75116000	0	0	0	0
sp O1506 SYNM	sp O1506	1	4	4	4	4.7	172.77	0	61466000	82772000	0	81380000	78354000
sp O1506 PFAS	sp O1506	1	34	34	34	39	144.73	4310000000	5048800000	5188300000	4980000000	3747700000	3983600000

sp O15076 CEP290	sp O15076	1	2	2	2	0.7	290.38	0	0	0	0	0	661910000
sp O15084 ANKRD28	sp O15084	2	2	2	2	2.8	112.96	0	88324000	0	0	0	0
sp O15091 KIAA0391	sp O15091	1	2	2	2	7.2	67.315	0	0	0	160900000	0	0
sp O15116 LSM1	sp O15116	1	2	2	2	26	15.179	0	0	0	0	26857000	0
sp O15118 NPC1	sp O15118	1	2	2	2	1.5	142.17	0	0	0	0	0	51096000
sp O15121 DEGS1	sp O15121	1	3	3	3	15	37.866	293890000	237880000	233170000	155970000	179280000	170130000
sp O15126 SCAMP1	sp O15126	1	5	5	5	30	37.92	2501400000	1602500000	1467900000	1190500000	1314800000	2065600000
sp O15127 SCAMP2	sp O15127	1	1	1	1	6.1	36.648	0	66741000	139630000	0	0	110370000
sp O15143 ARPC1B	sp O15143	1	15	15	14	50	40.949	4928900000	3864300000	4754400000	5111300000	4716000000	4180100000
sp O15144 ARPC2	sp O15144	1	15	15	15	54	34.333	4193200000	5296400000	3764300000	4055600000	3794700000	3822400000
sp O15144 ARPC3	sp O15144	1	9	9	9	53	20.546	2303300000	2816200000	2670400000	2601600000	2442300000	2094400000
sp O15160 POLR1C	sp O15160	1	7	7	7	30	39.249	523380000	563940000	495970000	547470000	592260000	576900000
sp O15162 PLSCR1	sp O15162	1	1	1	1	6.3	35.049	0	0	0	0	0	31457000
sp O15164 TRIM24	sp O15164	1	1	1	1	1	116.83	0	0	27101000	0	0	0
sp O15173 PGRMC2	sp O15173	1	10	10	9	40	23.818	2078600000	1781000000	2175900000	2045500000	2696800000	2316000000
sp O15212 PFDN6	sp O15212	1	5	5	5	34	14.582	860910000	936190000	1135200000	821790000	1020400000	888840000
sp O15213 WDR46	sp O15213	1	3	3	3	7.7	68.07	126720000	150740000	141970000	138280000	120940000	140790000
sp O15226 NKRF	sp O15226	1	8	8	8	17	77.672	324100000	234770000	246960000	224740000	405350000	389970000
sp O15228 GNPAT	sp O15228	1	1	1	1	2.4	77.187	0	0	0	0	86124000	0
sp O15231 ZNF185	sp O15231	1	4	4	4	12	73.525	0	0	0	164680000	0	0
sp O15243 LEPROT	sp O15243	1	1	1	1	9.9	14.254	0	0	0	0	0	44346000
sp O15243 CLIC2	sp O15243	1	4	4	4	30	28.356	0	93168000	90404000	109960000	100570000	0
sp O15254 ACOX3	sp O15254	1	3	3	3	7.4	77.628	0	1407700000	1073700000	1365300000	1246600000	1907600000
sp O15258 RER1	sp O15258	1	3	3	3	19	22.958	420380000	463480000	354860000	525110000	489600000	503970000
sp O15260 SURF4	sp O15260	1	3	3	3	15	30.394	627250000	708420000	1318400000	972130000	936050000	1675300000
sp O15263 SPTLC1	sp O15263	1	6	6	6	17	52.743	0	0	0	0	0	498670000
sp O15270 SPTLC2	sp O15270	1	4	4	4	8	62.924	0	31929000	0	0	69187000	41648000
sp O15294 OGT	sp O15294	1	15	15	15	22	116.92	894830000	759160000	875320000	714110000	747720000	759460000
sp O15303 PMM2	sp O15303	2	9	9	9	42	28.082	537840000	659700000	770320000	935780000	721250000	610890000
sp O15321 TM9SF1	sp O15321	1	3	3	3	7.6	68.86	0	0	0	118900000	0	0
sp O15321 INPP4B	sp O15321	1	1	1	1	2.3	104.74	0	0	0	0	0	18189000
sp O15344 MID1	sp O15344	1	5	5	5	9.1	75.25	222480000	315600000	376200000	329090000	0	283570000
sp O15347 HMGB3	sp O15347	1	5	5	5	21	22.98	955410000	1072200000	1131500000	826150000	1075300000	1526600000
sp O15353 PPM1G	sp O15353	1	17	17	17	44	59.271	1976100000	1896000000	1815300000	1563500000	1802300000	1608100000
sp O15355 INPPL1	sp O15355	3	17	17	17	18	138.6	712340000	836240000	879290000	851660000	724280000	750620000
sp O15371 EIF3D	sp O15371	1	16	16	16	47	63.972	3457800000	3824200000	3617000000	3626200000	3339900000	3452500000
sp O15372 EIF3H	sp O15372	1	10	10	10	28	39.93	1295600000	1640300000	1303700000	1162800000	1088400000	1221600000
sp O15373 HDAC3	sp O15373	1	3	3	3	11	48.847	0	89515000	57395000	0	0	0
sp O15381 NVL	sp O15381	1	3	3	3	5.5	95.05	0	0	0	0	42836000	0

sp O1538 BCAT2	sp O1538	1	5	5	5	21	44.287	185390000	187690000	236950000	176160000	214080000	203930000
sp O1539 IPO8	sp O1539	1	7	7	7	9.8	119.94	257350000	227570000	153630000	240940000	286060000	158730000
sp O1540 STX7	sp O1540	1	4	4	4	22	29.815	0	125170000	0	0	103620000	202650000
sp O1542 SLC16A3	sp O1542	1	6	6	6	14	49.469	1731000000	2259100000	2076200000	2515800000	2046200000	2497200000
sp O1543 ABCC4	sp O1543	1	3	3	3	3.4	149.52	0	0	66432000	58566000	73612000	60129000
sp O1544 CD3EAP	sp O1544	1	7	7	7	30	54.985	664220000	656910000	542850000	512190000	646260000	539150000
sp O1546 P4HA2	sp O1546	1	14	14	14	34	60.901	1658300000	954970000	1331700000	987250000	989110000	1028900000
sp O1549 YKT6	sp O1549	1	6	6	6	33	22.417	527340000	537850000	495450000	504480000	493570000	561820000
sp O1551 ARPC5	sp O1551	1	5	5	4	58	16.32	1510900000	1150700000	1749800000	1545200000	1742100000	1285800000
sp O1551 POLR2D	sp O1551	1	3	3	3	38	16.311	0	0	158280000	116090000	154220000	0
sp O1553 TAPBP	sp O1553	1	2	2	2	9.6	47.625	0	119270000	139700000	120280000	0	0
sp O1554 RNF113A	sp O1554	2	2	2	2	6.4	38.787	0	78869000	0	0	81602000	0
sp O1555 KCNN4	sp O1555	1	1	1	1	3.5	47.695	0	0	0	0	892700	0
sp O4314 DHX15	sp O4314	1	27	27	26	38	90.932	5793700000	6063600000	6039700000	5833600000	5581100000	5731100000
sp O4314 RNMT	sp O4314	1	5	5	5	13	54.843	114600000	333020000	0	191070000	173110000	200520000
sp O4315 TTI1	sp O4315	1	1	1	1	1.7	122.07	0	0	0	0	0	43537000
sp O4315 RRP8	sp O4315	1	4	4	4	13	50.714	180530000	181030000	185220000	251270000	211240000	194090000
sp O4316 SIPA1L1	sp O4316	1	2	2	2	2.4	200.03	33934000	0	0	0	0	0
sp O4316 CYB5B	sp O4316	1	3	3	3	45	16.332	1210400000	1055800000	1096400000	1615100000	1357200000	1446900000
sp O4317 PRPF4	sp O4317	1	13	13	13	36	58.449	961690000	884670000	980780000	712250000	1094900000	1365400000
sp O4317 PHGDH	sp O4317	1	21	21	21	44	56.65	1.0137E+10	1.1781E+10	1.0754E+10	12772000000	13523000000	1.4685E+10
sp O4318 NDUFS4	sp O4318	1	1	1	1	8.6	20.108	155740000	155790000	178590000	139080000	165260000	131660000
sp O4323 SEPT4	sp O4323	1	1	1	1	2.3	55.098	0	0	0	0	0	916560000
sp O4323 DYNC1L1	sp O4323	1	9	8	8	31	54.099	447080000	459250000	370280000	361160000	404660000	416470000
sp O4324 PSMD3	sp O4324	1	23	23	23	46	60.977	3639100000	3410700000	3727100000	3784200000	3845500000	3548100000
sp O4325 PAPSS1	sp O4325	1	11	11	11	23	70.832	879740000	916720000	1192100000	1177900000	988490000	1118600000
sp O4326 ZW10	sp O4326	1	7	7	7	15	88.828	159190000	175420000	214260000	219650000	141630000	191860000
sp O4328 B4GALT5	sp O4328	1	1	1	1	2.1	45.118	0	0	0	0	0	78764000
sp O4329 SART1	sp O4329	1	10	10	10	20	90.254	602520000	480450000	479940000	519920000	613620000	474660000
sp O4329 GPAA1	sp O4329	1	2	2	2	3.1	67.622	0	842250000	0	0	216630000	0
sp O4329 TGFB1I1	sp O4329	1	3	3	3	11	49.814	60491000	89282000	79148000	105050000	90005000	42721000
sp O4331 PPIP5K2	sp O4331	1	2	2	2	1.8	140.41	49955000	0	68551000	57405000	0	0
sp O4332 EEF1E1	sp O4332	1	6	6	6	34	19.81	227830000	296050000	276730000	285050000	286510000	273100000
sp O4337 WDR62	sp O4337	1	1	1	1	0.8	165.95	0	0	0	0	0	29946000
sp O4339 HNRNPR	sp O4339	1	27	27	21	47	70.942	1.2544E+10	1.3613E+10	1.3498E+10	11743000000	12452000000	1.4613E+10
sp O4339 PRPF3	sp O4339	1	7	7	7	16	77.528	373040000	513350000	526090000	374710000	522980000	422180000
sp O4339 TXNL1	sp O4339	1	11	11	11	57	32.251	1575100000	1447500000	1551400000	1538000000	1611300000	1484300000
sp O4339 TPD52L2	sp O4339	1	12	12	12	70	22.237	4867700000	4394000000	4807600000	3714100000	4744100000	4138800000
sp O4340 EMC8	sp O4340	1	3	3	3	17	23.773	109390000	0	117310000	147020000	132700000	157090000

sp O43414	ERI3	sp O43414	1	3	3	3	8	37.238	0	0	0	0	0	52391000
sp O43424	GRID2	sp O43424	1	1	1	1	1.1	113.35	0	0	0	0	0	140590000
sp O43427	FIBP	sp O43427	1	2	2	2	6.9	41.878	0	0	0	15192000	0	0
sp O43433	EIF4G3	sp O43433	1	11	6	6	9.5	176.65	151380000	192730000	206130000	125750000	0	109550000
sp O43444	PPIH	sp O43444	1	6	6	6	44	19.208	1001100000	1002100000	799360000	874730000	1081400000	912260000
sp O43488	AKR7A2	sp O43488	2	4	4	4	19	39.589	330940000	284670000	315420000	224910000	304340000	252630000
sp O43491	EPB41L2	sp O43491	2	19	19	19	29	112.59	1228600000	1262600000	1128100000	1174300000	1285600000	1150700000
sp O43504	LAMTOR5	sp O43504	1	4	4	4	86	9.6138	655860000	524330000	438560000	562090000	773160000	640170000
sp O43516	WIPF1	sp O43516	1	1	1	1	3.2	51.258	0	0	0	0	36766000	0
sp O43561	RNF13	sp O43561	1	1	1	1	6.3	42.813	0	0	0	0	23885000	0
sp O43583	DENR	sp O43583	1	6	6	6	39	22.092	318750000	457780000	415140000	407360000	400130000	444480000
sp O43592	XPOT	sp O43592	1	21	21	21	31	109.96	1358600000	1387200000	1485400000	1379600000	1219100000	1355500000
sp O43598	DNPH1	sp O43598	1	3	3	3	25	19.108	0	177140000	0	0	0	0
sp O43613	TIMM44	sp O43613	1	9	9	9	25	51.355	965320000	808480000	774450000	1293800000	1139200000	1149500000
sp O43617	TRAPPC3	sp O43617	1	3	3	3	14	20.274	84272000	0	137950000	119280000	0	154240000
sp O43633	CHMP2A	sp O43633	1	1	1	1	4.5	25.104	0	0	0	0	0	98787000
sp O43638	FOXS1	sp O43638	3	1	1	1	3.3	35.434	0	0	0	0	0	51012000
sp O43651	TSPAN6	sp O43651	1	3	3	3	14	27.563	253440000	227340000	262400000	216760000	243500000	214260000
sp O43660	PLRG1	sp O43660	1	11	11	11	38	57.193	714070000	595400000	583690000	659540000	732070000	634580000
sp O43663	PRC1	sp O43663	1	7	7	7	21	71.606	81955000	0	0	74725000	66902000	0
sp O43668	RGS10	sp O43668	1	2	2	2	15	20.236	0	0	0	65614000	52398000	0
sp O43670	ZNF207	sp O43670	1	3	3	3	7.9	50.75	1078700000	1350600000	1112600000	1300500000	1470400000	1256900000
sp O43674	NDUFB5	sp O43674	1	3	3	3	17	21.75	85704000	0	82686000	0	0	88406000
sp O43676	NDUFB3	sp O43676	1	2	2	2	21	11.402	215340000	249900000	222800000	0	170880000	153670000
sp O43678	NDUFA2	sp O43678	1	1	1	1	21	10.921	0	0	0	0	196440000	0
sp O43681	ASNA1	sp O43681	1	11	11	11	52	38.792	1097400000	1311500000	1104500000	1687300000	1713200000	1302200000
sp O43684	BUB3	sp O43684	1	12	12	12	49	37.154	5257200000	4057500000	4355300000	5212900000	5493000000	4955600000
sp O43701	ACTN4	sp O43701	1	61	61	43	68	104.85	9.9294E+10	9.4717E+10	9.5216E+10	91569000000	85936000000	8.7421E+10
sp O43709	BUD23	sp O43709	1	4	4	4	24	31.88	268970000	257830000	277710000	243560000	327400000	293960000
sp O43713	TRIAP1	sp O43713	1	2	2	2	36	8.7858	0	0	0	0	51832000	0
sp O43719	HTATSF1	sp O43719	1	10	10	10	18	85.852	579580000	524450000	391150000	454180000	447200000	485250000
sp O43741	AP1G1	sp O43741	1	18	18	18	29	91.35	667530000	551080000	636620000	726100000	695000000	662640000
sp O43752	STX6	sp O43752	1	1	1	1	7.5	29.176	0	0	0	0	36353000	0
sp O43760	SYNGR2	sp O43760	1	2	2	2	8	24.81	0	0	0	198160000	0	0
sp O43763	SGTA	sp O43763	1	7	7	7	27	34.063	897340000	750400000	983870000	928110000	1018800000	1133100000
sp O43768	ENSA	sp O43768	1	5	5	4	48	13.389	1181200000	816100000	1179200000	808900000	1214300000	1143300000
sp O43772	SLC25A2	sp O43772	1	5	5	5	23	32.943	228780000	187620000	218160000	259350000	247660000	264250000
sp O43776	NARS	sp O43776	2	15	15	15	33	62.942	3462200000	4101100000	3271800000	4114200000	4387900000	3773400000
sp O43793	MYO1B	sp O43793	1	15	15	15	16	131.98	670360000	451960000	642640000	555760000	589540000	501540000

sp O4380 SSNA1	sp O4380	1	1	1	1	11	13.596	0	0	0	0	0	60043000
sp O4380 SLC25A1	sp O4380	1	1	1	1	3.9	34.566	0	0	0	0	10740000	0
sp O4380 NUDT21	sp O4380	1	11	11	11	45	26.227	1916600000	2214200000	2285000000	1900800000	1894400000	1723300000
sp O4381 LANCL1	sp O4381	1	9	9	9	32	45.283	1551300000	1398600000	1435600000	1158100000	1455300000	1200200000
sp O4381 STRN	sp O4381	1	4	4	4	9.5	86.131	0	0	0	0	130430000	142410000
sp O4381 RRP9	sp O4381	1	10	10	10	26	51.84	433980000	495390000	454300000	555290000	569160000	594700000
sp O4381 SCO2	sp O4381	1	2	2	2	11	29.81	0	0	0	0	0	162920000
sp O4382 AKAP8	sp O4382	1	5	5	5	14	76.107	147350000	214740000	236150000	148910000	155730000	227250000
sp O4382 GTPBP6	sp O4382	1	2	2	2	7.6	56.897	0	0	0	0	0	48621000
sp O4383 IDH3B	sp O4383	1	12	12	12	46	42.183	781750000	789550000	717260000	856000000	1237300000	1014100000
sp O4384 NRDC	sp O4384	1	17	17	17	18	131.57	1154600000	1083500000	1417800000	1081300000	1089100000	1203000000
sp O4385 CALU	sp O4385	1	19	19	19	69	37.106	9358600000	9285200000	8622900000	9441000000	10168000000	9863700000
sp O4385 EDIL3	sp O4385	1	7	7	7	18	53.764	473540000	518710000	400570000	468190000	409610000	408540000
sp O4386 AHCYL1	sp O4386	1	13	13	6	33	58.951	1614800000	1429300000	1189900000	1389100000	1323100000	1392400000
sp O4389 KIF1C	sp O4389	1	2	2	2	2.8	122.95	0	0	54900000	0	72442000	0
sp O4391 ORC5	sp O4391	1	4	4	4	9	50.282	121450000	109930000	119670000	119960000	139310000	99005000
sp O4392 NDUFS5	sp O4392	1	3	3	3	29	12.517	221000000	176550000	231580000	174350000	168220000	0
sp O4392 ORC4	sp O4392	2	4	4	4	12	50.377	102710000	145790000	102820000	162160000	0	104850000
sp O6021 RAD21	sp O6021	1	9	9	9	26	71.689	302490000	370790000	295330000	282580000	335860000	348150000
sp O6022 TIMM8A	sp O6022	1	4	4	4	68	10.998	547440000	436910000	625600000	498430000	728310000	636110000
sp O6023 DHX16	sp O6023	1	10	9	9	15	119.26	237720000	309850000	332830000	293480000	324530000	304820000
sp O6023 SSSCA1	sp O6023	1	5	5	5	46	21.474	616300000	489420000	711840000	695430000	704660000	737610000
sp O6025 PRPSAP2	sp O6025	1	5	4	4	20	40.925	2021900000	2592900000	2496200000	0	1749000000	1492900000
sp O6026 SMARCA4	sp O6026	1	32	32	22	33	121.9	2403500000	2219300000	2291900000	2162900000	2360600000	2605800000
sp O6027 SPAG9	sp O6027	1	11	11	10	14	146.2	600630000	528060000	533480000	603350000	676480000	524210000
sp O6028 URB1	sp O6028	1	6	6	6	4.3	254.39	0	183190000	145130000	232920000	214200000	171650000
sp O6029 LCMT2	sp O6029	1	1	1	1	1.6	75.601	0	0	0	0	0	42702000
sp O6030 AQR	sp O6030	1	13	13	13	13	171.29	1440100000	987300000	1393200000	1528200000	1331600000	1504400000
sp O6031 OPA1	sp O6031	1	9	9	9	11	111.63	506000000	425790000	406050000	335220000	426820000	409370000
sp O6031 MCM3AP	sp O6031	1	1	1	1	0.9	218.4	0	0	0	0	26521000	0
sp O6034 KDM1A	sp O6034	1	8	8	8	16	92.902	438640000	419910000	316910000	286380000	385310000	416790000
sp O6034 TBC1D4	sp O6034	1	6	6	5	6.1	146.56	0	207980000	115580000	98624000	123520000	127900000
sp O6036 NME2P1	sp O6036	1	9	1	1	66	15.529	0	0	0	0	0	43119000
sp O6042 FADS1	sp O6042	1	4	4	4	16	51.964	158740000	271710000	204590000	133190000	0	128080000
sp O6043 PPL	sp O6043	1	16	16	16	15	204.74	698890000	883020000	619000000	454050000	420450000	398110000
sp O6044 GSDME	sp O6044	1	2	2	2	9.7	54.554	0	0	0	0	17816000	0
sp O6048 ACSL4	sp O6048	1	17	15	15	37	79.187	1453400000	1209200000	1256300000	1716800000	1476800000	1535700000
sp O6049 SNX3	sp O6049	1	9	9	8	66	18.762	1429800000	1406400000	1392000000	1192000000	1271200000	1165600000
sp O6049 STX10	sp O6049	1	3	3	3	19	28.114	0	0	52906000	0	0	0

sp O6050 MGEA5	sp O6050	1	12	12	12	23	102.91	449460000	541890000	419600000	482040000	497920000	603360000
sp O6050 SORBS3	sp O6050	1	2	2	2	4.5	75.34	0	0	0	0	0	56334000
sp O6050 SYNCRIP	sp O6050	1	26	20	20	50	69.602	1.076E+10	9809800000	1.0385E+10	10351000000	10281000000	9542100000
sp O6050 CDC40	sp O6050	1	6	6	6	20	65.521	148880000	163920000	0	168240000	141020000	111450000
sp O6051 RANBP6	sp O6051	1	11	9	9	14	124.71	174220000	302620000	316090000	247090000	207860000	220310000
sp O6052 NEMF	sp O6052	1	1	1	1	1.3	122.95	0	0	0	0	0	0
sp O6054 GMDS	sp O6054	1	3	3	3	9.4	41.949	163420000	142240000	165310000	167260000	138700000	165540000
sp O6056 CCNT1	sp O6056	1	3	3	3	7.6	80.684	0	0	290690000	0	0	0
sp O6056 BUB1B	sp O6056	1	8	8	8	11	119.54	208990000	142910000	157630000	112720000	119800000	181570000
sp O6056 PLOD3	sp O6056	1	15	15	15	25	84.784	1441800000	1482400000	1508000000	1615200000	1642600000	1888100000
sp O6057 EIF4E2	sp O6057	1	1	1	1	6.5	28.362	0	0	0	0	0	33689000
sp O6061 DIAPH1	sp O6061	1	25	25	25	23	141.35	2259700000	2549000000	2420800000	2585900000	2150100000	2359300000
sp O6061 SELENOF	sp O6061	1	2	2	2	18	18.092	0	157750000	0	0	0	0
sp O6064 EXOC3	sp O6064	1	2	2	2	4.4	86.844	111000000	74041000	96934000	100990000	85383000	69222000
sp O6066 PLIN3	sp O6066	1	17	17	17	60	47.074	3812100000	4251900000	3759100000	3508100000	3846600000	4140900000
sp O6066 SLC16A7	sp O6066	1	1	1	1	2.3	52.2	0	0	0	0	49001000	0
sp O6067 RAD1	sp O6067	1	3	3	3	18	31.827	40935000	104490000	60904000	127250000	0	80117000
sp O6067 PRMT3	sp O6067	1	7	7	7	16	59.902	290930000	228470000	0	0	0	383780000
sp O6068 KPNA6	sp O6068	2	9	9	6	19	60.029	1136700000	1245800000	1089100000	1065400000	1132400000	1216500000
sp O6070 UGDH	sp O6070	1	26	26	26	71	55.023	7067900000	7299300000	6838600000	8385000000	8157500000	8728900000
sp O6071 CTNND1	sp O6071	1	23	23	23	36	108.17	1955500000	1784000000	1677100000	1572200000	1830300000	1855400000
sp O6073 EIF1B	sp O6073	1	5	1	1	65	12.823	0	0	0	0	95568000	0
sp O6074 SNX2	sp O6074	1	10	10	8	21	58.47	814140000	672020000	929280000	723700000	722590000	778840000
sp O6076 DPM1	sp O6076	1	6	6	6	25	29.634	502020000	520820000	417710000	550130000	719640000	628840000
sp O6076 USO1	sp O6076	1	20	20	20	29	107.89	1596400000	1421800000	1789600000	1650000000	1832600000	1615900000
sp O6078 MRPS14	sp O6078	1	2	2	2	22	15.139	127170000	0	68084000	100830000	162580000	0
sp O6078 TOM1	sp O6078	1	5	5	5	21	53.818	158180000	0	194450000	151910000	180700000	0
sp Q9988 HIST1H2B	sp Q9988	10	6	2	2	41	13.952	2.2808E+10	2.4119E+10	2.3629E+10	24370000000	30931000000	3.2391E+10
sp O6082 CCDC22	sp O6082	1	8	8	8	23	70.755	365040000	427880000	313800000	299280000	316840000	296710000
sp O6082 PQBP1	sp O6082	1	6	6	6	41	30.472	319940000	311990000	410400000	359810000	316510000	299490000
sp O6083 TIMM17B	sp O6083	1	1	1	1	8.7	18.273	0	0	0	0	50857000	0
sp O6083 PRAF2	sp O6083	1	3	3	3	20	19.258	168190000	361980000	276320000	428270000	219460000	276000000
sp O6083 DKC1	sp O6083	1	19	19	19	43	57.673	2046800000	2095800000	2020800000	1889800000	2033800000	2138600000
sp O6084 EIF5B	sp O6084	1	25	25	25	27	138.83	3978000000	3672700000	4040800000	3693700000	3623900000	3717200000
sp O6086 EDF1	sp O6086	1	7	7	7	49	16.368	3103600000	3768200000	3657700000	3461500000	3794600000	3065400000
sp O6088 DNAJA2	sp O6088	1	11	11	11	40	45.745	1281600000	1416900000	1349600000	1442500000	1249100000	1279800000
sp O6088 BRD4	sp O6088	1	3	3	3	3	152.22	0	0	0	0	116810000	0
sp O6088 CUTA	sp O6088	1	3	3	3	33	19.116	385820000	477950000	513960000	720780000	549090000	0
sp O6092 HUS1	sp O6092	1	1	1	1	7.1	31.691	0	0	0	0	0	37492000

sp O6092 PFDN1	sp O6092	1	7	7	7	62	14.21	826050000	743170000	594880000	707500000	659280000	719000000
sp O6093 NBN	sp O6093	1	3	3	3	6.1	84.958	0	0	0	0	95769000	0
sp O6093 NOL3	sp O6093	1	4	4	4	36	22.629	318310000	371860000	281030000	354110000	316160000	250790000
sp O6094 RNGTT	sp O6094	1	2	2	2	4.4	68.556	0	0	0	0	56502000	0
sp O7502 ABCB7	sp O7502	1	6	6	6	9.8	82.64	342160000	440020000	436490000	427100000	375750000	489420000
sp O7508 WDR1	sp O7508	1	31	31	31	65	66.193	1.4511E+10	1.4237E+10	1.4634E+10	13875000000	14240000000	1.4432E+10
sp O7511 ROCK2	sp O7511	1	21	21	17	20	160.9	1245300000	909400000	1133600000	1079400000	915010000	994740000
sp O7512 CLASP2	sp O7512	1	11	11	9	12	141.13	847540000	721610000	767840000	714820000	810630000	754550000
sp O7513 CPNE3	sp O7513	5	10	10	9	27	60.13	1248500000	1451400000	1163400000	1480200000	1570300000	1310400000
sp O7514 HIP1R	sp O7514	1	1	1	1	1	119.39	0	0	0	0	0	26301000
sp O7515 RNF40	sp O7515	1	7	5	5	8.5	113.65	204070000	165340000	0	0	0	0
sp O7515 ZC3H11A	sp O7515	2	5	5	5	11	89.13	235720000	333510000	281920000	239090000	165490000	312620000
sp O7515 CLUH	sp O7515	1	21	21	21	26	146.67	1263400000	1265000000	1276600000	1224100000	1350900000	1272600000
sp O7516 DNAJC13	sp O7516	1	9	9	9	7	254.41	237660000	222750000	269860000	175830000	224660000	261080000
sp O7517 CNOT3	sp O7517	1	3	3	3	9	81.871	86005000	90089000	72442000	91121000	87962000	79347000
sp O7517 ANKRD17	sp O7517	1	10	6	6	6.7	274.25	0	84994000	129830000	69487000	144090000	0
sp O7519 DNAJB6	sp O7519	2	2	2	2	7.4	36.087	0	0	0	0	0	73895000
sp O7520 COQ9	sp O7520	1	3	3	3	13	35.509	0	0	0	0	0	179510000
sp O7522 GGCT	sp O7522	1	6	6	6	37	21.007	1064300000	564550000	790030000	895290000	1108800000	934190000
sp O7530 NDUFS2	sp O7530	1	10	10	10	32	52.545	568280000	644860000	530730000	475510000	505800000	486690000
sp O7531 ZPR1	sp O7531	1	4	4	4	15	50.925	157920000	201750000	175140000	153430000	174460000	0
sp O7533 HMMR	sp O7533	1	4	4	4	8.1	84.099	153400000	122700000	0	198840000	105410000	145670000
sp O7534 PDCD6	sp O7534	1	7	7	7	56	21.868	1604300000	1369000000	1814100000	1921600000	1787600000	1695400000
sp O7534 TBCA	sp O7534	1	8	8	8	58	12.855	4275800000	4813400000	4029600000	3332900000	3625500000	4203400000
sp O7534 ATP6V1G	sp O7534	2	3	3	3	34	13.757	404100000	385390000	387500000	470370000	505920000	303460000
sp O7535 VPS4B	sp O7535	2	8	8	7	28	49.301	354530000	418740000	460750000	364070000	432410000	360040000
sp O7535 MPDU1	sp O7535	1	1	1	1	4	26.638	0	0	0	0	0	244170000
sp O7536 H2AFY	sp O7536	2	15	15	15	47	39.617	6625500000	7914600000	5783400000	7643800000	7294000000	8029700000
sp O7536 SH3BGR1	sp O7536	1	8	8	8	79	12.774	1473200000	1784200000	1430200000	1215500000	1412000000	1222900000
sp O7536 FLNB	sp O7536	1	##	144	##	76	278.16	9.9145E+10	9.6166E+10	9.5536E+10	94756000000	92449000000	1.0528E+11
sp O7537 NCOR1	sp O7537	1	4	4	4	2.7	270.21	25315000	56189000	0	26622000	77675000	0
sp O7538 PEX14	sp O7538	1	2	2	2	5.6	41.236	153030000	128870000	141730000	124590000	0	0
sp O7539 CS	sp O7539	1	12	12	12	29	51.712	5950600000	4801800000	4563000000	5943800000	6447500000	5281000000
sp O7539 SPAG7	sp O7539	1	6	6	6	41	26.034	401040000	508880000	461530000	302600000	326410000	307130000
sp O7539 SEC22B	sp O7539	1	7	7	7	38	24.593	4389000000	3483600000	3757100000	4551400000	4328900000	4518500000
sp O7540 PRPF40A	sp O7540	1	6	6	6	7.5	108.8	431370000	465340000	388950000	462670000	354970000	404830000
sp O7541 TACC1	sp O7541	2	3	3	3	6.2	87.793	0	0	0	0	0	27395000
sp O7541 NME6	sp O7541	1	1	1	1	7.5	21.142	0	0	0	0	0	79443000
sp O7543 MTX2	sp O7543	1	5	5	5	31	29.763	356940000	339210000	392130000	418930000	480960000	466130000

sp O7543 VPS26A	sp O7543	1	7	7	7	31	38.169	1289800000	1127500000	1529500000	1338700000	1405000000	1245700000
sp O7543 NDUFB1	sp O7543	1	1	1	1	19	6.9611	0	0	0	0	0	91808000
sp O7543 PMPCB	sp O7543	1	18	18	17	44	54.366	1714700000	1504100000	1449900000	1522100000	1631900000	1620500000
sp O7544 MED24	sp O7544	1	3	3	3	4.6	110.3	30055000	0	0	0	0	0
sp O7547 PSIP1	sp O7547	1	13	12	12	28	60.103	2297100000	2659500000	2337400000	2520300000	2206800000	2421100000
sp O7547 ERLIN1	sp O7547	1	5	3	3	19	38.925	0	265440000	234220000	424440000	304330000	265790000
sp O7548 NDUFS3	sp O7548	1	7	7	7	31	30.241	744430000	755260000	903630000	722630000	701430000	646930000
sp O7549 SRSF10	sp O7549	1	4	4	4	13	31.3	601150000	506500000	617500000	608440000	488550000	637870000
sp O7550 HSBP1	sp O7550	1	3	3	3	42	8.5435	535310000	540420000	475730000	482670000	0	421260000
sp O7552 ECI2	sp O7552	1	11	11	11	43	43.585	682880000	764490000	771240000	821860000	861600000	671960000
sp O7553 EED	sp O7553	1	3	3	3	8.6	50.197	0	0	115450000	0	0	0
sp O7553 BANF1	sp O7553	1	6	6	6	53	10.058	5219800000	5912900000	4745600000	5439300000	7658500000	6221600000
sp O7553 SF3B1	sp O7553	1	40	40	40	42	145.83	6661000000	7548200000	7104700000	6543800000	6730400000	7160400000
sp O7553 CSDE1	sp O7553	1	24	24	24	33	88.884	2434300000	2387400000	2239500000	2183900000	2118900000	2365800000
sp O7556 PRKRA	sp O7556	1	4	4	4	20	34.404	149040000	202850000	150820000	244390000	208950000	244570000
sp O7560 NPM3	sp O7560	1	5	5	5	54	19.343	497220000	668130000	473740000	697620000	644750000	547220000
sp O7560 LYPLA1	sp O7560	1	2	2	2	16	24.669	0	192850000	105310000	253980000	0	0
sp O7561 ERAL1	sp O7561	1	4	4	4	15	48.349	225840000	0	211490000	255650000	0	0
sp O7564 SNRNP20	sp O7564	1	68	68	68	39	244.5	8356700000	8145000000	8602800000	7749400000	8142700000	8209600000
sp O7566 TIPRL	sp O7566	1	7	7	7	38	31.444	440070000	409720000	453070000	456920000	585710000	349230000
sp O7568 SURF6	sp O7568	1	2	2	2	12	41.45	0	0	0	0	0	183260000
sp O7568 PPM1B	sp O7568	2	2	2	2	5.8	52.642	65041000	0	0	52917000	0	0
sp O7569 UTP20	sp O7569	1	18	18	18	7.6	318.38	543140000	790600000	622170000	652770000	559440000	536920000
sp O7569 NUP155	sp O7569	1	31	31	31	32	155.2	4571900000	5189300000	4382900000	5101400000	5172000000	5066700000
sp O7569 RP2	sp O7569	1	2	2	2	5.4	39.641	0	0	0	0	0	61006000
sp O7571 WDHD1	sp O7571	1	9	9	9	11	125.97	227730000	267260000	269030000	258610000	217110000	218030000
sp O7571 CRTAP	sp O7571	1	13	13	13	34	46.561	957560000	972630000	1050800000	1096200000	1282600000	1037400000
sp O7574 SLC25A1	sp O7574	1	13	10	10	22	74.761	388360000	329940000	302210000	353310000	278620000	252190000
sp O7578 ATP6AP2	sp O7578	1	3	3	3	10	39.008	0	55944000	0	0	60302000	0
sp O7579 RNASEH2	sp O7579	1	3	3	3	13	33.395	0	0	0	0	77953000	0
sp O7579 CDC123	sp O7579	1	9	9	9	30	39.134	552370000	351470000	551780000	342690000	567130000	474750000
sp O7581 BCAR3	sp O7581	1	2	2	2	4.6	92.565	0	0	55427000	52130000	0	0
sp O7581 RPP40	sp O7581	1	6	6	6	26	41.833	260910000	284840000	282090000	312690000	224220000	313720000
sp O7582 EIF3G	sp O7582	1	13	13	13	41	35.611	2946600000	3600800000	3097100000	3438300000	3271300000	2596900000
sp O7582 EIF3J	sp O7582	1	12	12	12	52	29.062	3476600000	3357700000	2795100000	3763900000	3573700000	3079000000
sp O7582 CBR3	sp O7582	1	5	3	3	24	30.85	257710000	213000000	242040000	239670000	298320000	310650000
sp O7583 PSMD10	sp O7583	1	3	3	3	15	24.428	663530000	548180000	668920000	506690000	609560000	553130000
sp O7584 ZMPSTE2	sp O7584	1	8	8	8	21	54.812	760700000	774550000	829890000	810880000	746730000	843460000
sp O7587 IDH1	sp O7587	1	18	18	18	48	46.659	3824100000	4284700000	4949300000	4318300000	3567000000	3302500000

sp O7588 STAM2	sp O7588	1	1	1	1	2.7	58.164	0	0	0	0	89061000	0
sp O7590 DGAT1	sp O7590	1	1	1	1	3.3	55.278	0	0	0	0	0	38241000
sp O7590 CCNK	sp O7590	1	3	3	3	5.3	64.239	0	0	0	0	73204000	0
sp O7591 ARL6IP5	sp O7591	1	5	5	5	25	21.614	1130000000	1523500000	1436900000	1540900000	1281100000	1608400000
sp O7593 BCAS2	sp O7593	1	11	11	11	69	26.131	923520000	1309100000	953180000	979210000	1132200000	958130000
sp O7593 DCTN3	sp O7593	1	6	6	6	23	21.119	684800000	844730000	537670000	607880000	633430000	613380000
sp O7593 DNAJC8	sp O7593	1	8	8	8	36	29.841	1824700000	2166100000	1591500000	1270900000	1159600000	1260500000
sp O7594 SMNDC1	sp O7594	1	5	5	5	38	26.711	434020000	420150000	404280000	485300000	438510000	449920000
sp O7594 ATP5H	sp O7594	1	11	11	11	73	18.491	2454300000	3073600000	3048300000	3359500000	3813800000	4948900000
sp O7595 FLOT1	sp O7595	1	10	10	10	33	47.355	803280000	895710000	1087500000	812230000	1053900000	1116500000
sp O7596 TRIO	sp O7596	2	22	22	22	10	346.9	480260000	472310000	491730000	449780000	517580000	472210000
sp O7596 ATP5L	sp O7596	1	4	4	4	38	11.428	1991900000	1217300000	1144400000	1242500000	1745200000	1031300000
sp O7600 GLRX3	sp O7600	1	11	11	11	46	37.432	2769100000	2169000000	3196300000	2211400000	2676200000	2732600000
sp O7602 RSL1D1	sp O7602	1	16	16	16	32	54.972	3799700000	4112100000	4468400000	4337500000	4072700000	4623700000
sp O7603 CLPX	sp O7603	1	11	11	11	23	69.223	614840000	453080000	437800000	798340000	386560000	653980000
sp O7607 SNCG	sp O7607	1	8	8	8	72	13.331	922140000	762880000	907650000	721590000	1005500000	887910000
sp O7607 CIAO1	sp O7607	1	6	6	6	27	37.84	288510000	274080000	331680000	277800000	307130000	313010000
sp O7609 SRP72	sp O7609	1	20	20	20	41	74.605	2260600000	2185000000	1968900000	1989300000	2475900000	1795400000
sp O9476 DDAH1	sp O9476	1	8	8	8	39	31.121	398940000	381450000	428270000	403000000	407880000	382690000
sp O9477 MTA2	sp O9477	1	17	17	15	34	75.022	1779600000	2063400000	1920400000	1923000000	2010000000	2020200000
sp O9478 ALDH1A2	sp O9478	1	3	2	2	7.3	56.723	0	142900000	88696000	142510000	148030000	153960000
sp O9480 STK10	sp O9480	1	3	3	3	3.6	112.13	0	0	0	0	21789000	0
sp O9480 GFPT2	sp O9480	1	9	6	6	14	76.93	1597700000	730750000	1371800000	1472600000	1463000000	1827700000
sp O9482 LTN1	sp O9482	1	3	3	3	2.8	200.55	89197000	75110000	48758000	75340000	0	64509000
sp O9482 TOMM70	sp O9482	1	19	19	19	49	67.454	2074600000	1953100000	2063900000	2484500000	2324800000	2478500000
sp O9484 TOX4	sp O9484	3	2	2	2	4.3	66.194	37300000	0	0	0	0	0
sp O9485 SEC24D	sp O9485	1	10	10	10	16	113.01	539770000	606100000	586410000	530360000	600630000	577440000
sp O9487 UFL1	sp O9487	1	9	9	9	15	89.594	127170000	146260000	171250000	266790000	225130000	196290000
sp O9488 FARP2	sp O9488	1	2	2	2	2.7	119.89	0	213890000	160110000	0	0	0
sp O9488 UBXN7	sp O9488	1	5	5	5	12	54.862	117100000	135380000	107120000	129220000	121420000	98874000
sp O9490 SUN1	sp O9490	1	7	7	7	11	90.063	0	184660000	191970000	328200000	0	137500000
sp O9490 PLPBP	sp O9490	1	1	1	1	6.2	30.344	0	0	0	0	0	32230000
sp O9490 ERLIN2	sp O9490	1	7	7	5	27	37.839	669160000	759260000	0	683650000	692500000	741030000
sp O9490 PRPF6	sp O9490	1	26	26	26	34	106.92	2717000000	2221700000	2174900000	2252400000	2514900000	3017100000
sp O9491 FRYL	sp O9491	1	3	3	3	1.6	339.59	438490000	0	0	70806000	0	0
sp O9491 ENDOD1	sp O9491	1	1	1	1	2.6	55.016	0	0	0	0	0	0
sp O9492 GLS	sp O9492	1	19	19	19	38	73.46	5859900000	4821200000	6267100000	5649500000	5691100000	6147100000
sp O9496 USP19	sp O9496	1	3	3	3	4.2	145.65	0	0	0	0	0	182870000
sp O9497 AP2A2	sp O9497	1	13	6	6	20	103.96	152230000	105520000	159390000	126670000	117310000	117930000

sp O94979 SEC31A	sp O94979	1	25	25	25	25	133.01	2586300000	2897900000	2446500000	2472400000	2413500000	2574000000
sp O94999 HEXIM1	sp O94999	1	7	7	7	37	40.623	448280000	591030000	443460000	426380000	600680000	438620000
sp O95059 RPP14	sp O95059	1	3	3	3	38	13.693	0	0	0	152520000	0	0
sp O95069 CCNB2	sp O95069	1	3	3	3	10	45.281	0	0	0	0	45630000	0
sp O95079 YIF1A	sp O95079	1	3	3	3	13	32.011	405110000	500720000	372820000	494500000	416970000	462280000
sp O95079 UBR5	sp O95079	1	8	8	8	4.7	309.35	85228000	139670000	101290000	162240000	126530000	119030000
sp O95139 NDUFB6	sp O95139	1	3	3	3	30	15.489	575820000	518130000	510770000	271960000	473710000	495530000
sp O95149 MFN2	sp O95149	1	8	8	8	14	86.401	238210000	123640000	292850000	260500000	153050000	192570000
sp O95149 DUSP14	sp O95149	1	1	1	1	11	22.255	0	0	0	0	0	16567000
sp O95149 SNUPN	sp O95149	1	2	2	2	10	41.142	0	0	0	0	79421000	0
sp O95159 UBE4B	sp O95159	1	15	15	15	19	146.18	681380000	532900000	723270000	560670000	499420000	682860000
sp O95159 ZFPL1	sp O95159	1	3	3	3	14	34.114	59029000	0	65046000	0	159840000	0
sp O95169 ELP1	sp O95169	1	14	14	14	15	150.25	1178200000	823350000	1284900000	915990000	1003100000	1013400000
sp O95169 GABARA	sp O95169	1	2	2	1	15	13.918	0	0	0	0	0	234760000
sp O95169 NDUFB4	sp O95169	1	3	3	3	31	15.208	171680000	157020000	211990000	160090000	261010000	0
sp O95169 NDUFB8	sp O95169	1	2	2	2	11	21.766	0	0	0	0	0	69943000
sp O95199 RTN3	sp O95199	1	2	2	2	4.8	112.61	363400000	603200000	432990000	428280000	435960000	438490000
sp O95209 LETM1	sp O95209	1	19	19	19	33	83.353	1652700000	1499200000	2015000000	1994000000	1853400000	1887300000
sp O95219 ZRANB2	sp O95219	1	11	11	11	31	37.404	1016200000	1271800000	870810000	959520000	1083000000	1075800000
sp O95219 SNX4	sp O95219	1	2	2	2	5.1	51.908	0	0	0	66230000	0	0
sp O95239 LUC7L3	sp O95239	1	12	12	12	30	51.466	1246100000	1413500000	1354400000	967940000	1135600000	1458000000
sp O95239 KIF20A	sp O95239	1	12	12	12	21	100.28	315360000	246330000	209810000	322040000	220440000	253940000
sp O95239 KIF4A	sp O95239	3	11	11	5	11	139.88	616310000	390720000	494250000	670820000	631540000	356090000
sp O95249 SBF1	sp O95249	1	2	2	2	0.9	208.44	0	0	0	0	0	118090000
sp O95259 KAT7	sp O95259	3	4	4	4	10	70.642	176960000	0	0	223540000	191760000	0
sp O95269 ATE1	sp O95269	1	2	2	2	8.3	59.09	0	0	0	131510000	0	141000000
sp O95279 CCNDBP	sp O95279	1	1	1	1	3.6	40.262	0	0	29156000	0	0	0
sp O95299 VAPB	sp O95299	1	10	9	9	43	27.228	1254100000	1379200000	1070300000	1302800000	1435500000	1237700000
sp O95299 SNAPIN	sp O95299	1	2	2	2	18	14.874	115890000	0	139270000	98012000	118820000	104340000
sp O95299 MPZL1	sp O95299	1	3	3	3	20	29.082	271950000	222650000	0	202010000	245880000	270100000
sp O95299 NDUFA10	sp O95299	1	3	3	3	14	40.75	0	0	294610000	0	0	248980000
sp O95309 FKBP9	sp O95309	2	9	9	9	18	63.083	2649800000	3219000000	2960900000	3011700000	2384500000	3002700000
sp O95339 PGLS	sp O95339	1	9	9	9	52	27.547	913280000	777450000	797780000	892680000	931530000	462020000
sp O95349 PAPSS2	sp O95349	1	9	9	9	17	69.5	766000000	675420000	541060000	709520000	717920000	721040000
sp O95349 SMC2	sp O95349	1	27	27	27	28	135.65	2528300000	2698900000	2723600000	2554600000	2530500000	2448500000
sp O95359 ATG7	sp O95359	1	5	5	5	12	77.959	83663000	0	182290000	139770000	0	86671000
sp O95369 TRIM16	sp O95369	2	18	18	18	42	63.954	1750700000	1705300000	1609900000	1948900000	1978500000	1796000000
sp O95369 ZBTB7A	sp O95369	1	2	2	2	7.5	61.438	44500000	0	0	0	0	0
sp O95379 LYPLA2	sp O95379	1	6	6	6	33	24.737	359170000	808900000	599900000	467450000	467260000	499170000

sp O9537 IPO7	sp O9537	1	24	24	24	28	119.52	5609200000	7162100000	6413600000	6949400000	6321600000	5801500000
sp O9537 ARIH2	sp O9537	1	5	5	5	15	57.818	0	163820000	247360000	206700000	202340000	199490000
sp O9537 TNFAIP8	sp O9537	1	2	2	2	14	23.003	99055000	466400000	42065000	795720000	189910000	260760000
sp O9539 SLU7	sp O9539	1	1	1	1	4.6	68.386	0	0	0	0	0	26198000
sp O9539 PGM3	sp O9539	1	3	3	3	6.6	59.851	106350000	111970000	53469000	80373000	169750000	200270000
sp O9539 MOCS3	sp O9539	1	2	2	2	6.7	49.669	0	0	0	0	0	80633000
sp O9539 UTS2	sp O9539	1	1	1	1	6.5	14.295	0	0	0	0	0	2114100000
sp O9540 CD2BP2	sp O9540	1	4	4	4	14	37.646	0	228190000	0	217610000	250230000	231880000
sp O9540 CNIH1	sp O9540	1	2	2	2	20	16.699	459010000	244220000	369180000	547200000	475430000	440750000
sp O9541 BRI3	sp O9541	1	1	1	1	13	13.645	0	0	0	32334000	0	0
sp O9542 SVIL	sp O9542	1	6	6	6	4.8	247.74	187910000	248050000	192200000	0	214390000	209180000
sp O9542 BAG4	sp O9542	1	1	1	1	3.1	49.593	0	0	0	0	70269000	0
sp O9543 AHSA1	sp O9543	1	14	14	14	53	38.274	6350400000	6184800000	4685300000	6305900000	6249900000	5782000000
sp O9545 PARN	sp O9545	1	2	2	2	3.8	73.45	0	0	0	0	0	51308000
sp O9545 PSMG1	sp O9545	1	9	9	9	42	32.854	620420000	670530000	706200000	568590000	673120000	634480000
sp O9546 FMNL1	sp O9546	1	3	3	3	3.9	121.85	92301000	63721000	0	59681000	70243000	74231000
sp O9547 SGPL1	sp O9547	1	4	4	4	7.6	63.523	0	80861000	89549000	182870000	0	0
sp O9547 NSA2	sp O9547	1	4	4	4	16	30.065	356950000	301490000	0	240210000	307420000	184420000
sp O9548 SEC24A	sp O9548	1	3	3	3	3.3	119.75	52121000	57862000	0	57253000	0	48417000
sp O9548 SEC24B	sp O9548	1	2	2	2	2.3	137.42	115610000	0	0	0	87135000	0
sp O9554 NADK	sp O9554	1	1	1	1	3.8	49.228	0	0	0	0	0	0
sp O9556 MPC2	sp O9556	1	2	2	2	17	14.279	85382000	0	93165000	89274000	0	100200000
sp O9557 ETHE1	sp O9557	1	2	2	2	17	27.873	0	0	0	0	0	137130000
sp O9557 ACSL3	sp O9557	1	21	21	19	43	80.419	3250600000	2864200000	3057600000	3377700000	3174200000	3722500000
sp O9560 POLR1A	sp O9560	1	4	4	4	4	194.81	113260000	82121000	90894000	82843000	133240000	97690000
sp O9563 CPSF4	sp O9563	1	3	3	3	13	30.255	97226000	0	0	0	0	0
sp O9567 CDS2	sp O9567	1	1	1	1	4.3	51.417	0	0	0	0	38571000	0
sp O9567 EYA4	sp O9567	1	2	2	2	4.7	69.504	0	0	0	0	0	45973000
sp O9568 FGFR1OF	sp O9568	1	2	2	2	7.8	43.064	0	64633000	87025000	69670000	0	78865000
sp O9574 OXSR1	sp O9574	1	14	14	12	34	58.022	1649100000	1803100000	1556800000	1275500000	1661100000	1878600000
sp O9575 HSPA4L	sp O9575	1	29	25	25	49	94.511	2246400000	2717300000	2947100000	2651500000	2850000000	2787200000
sp O9575 PTBP3	sp O9575	1	7	5	5	19	59.689	287510000	269850000	275590000	336170000	328600000	276330000
sp O9577 LSM8	sp O9577	1	3	3	3	38	10.403	350200000	427110000	359930000	357090000	421840000	357800000
sp O9578 AP2A1	sp O9578	1	25	25	18	35	107.54	1876200000	1930800000	2059400000	1720400000	1682800000	1802800000
sp O9578 DDX58	sp O9578	1	5	5	5	5.2	106.6	850930000	476790000	0	480240000	640960000	0
sp O9580 TTC4	sp O9580	1	2	2	2	13	44.678	0	1040400000	0	0	0	0
sp O9580 TMEM50A	sp O9580	1	1	1	1	5.1	17.4	74624000	69792000	0	0	94075000	71751000
sp O9581 BAG2	sp O9581	1	12	12	12	63	23.772	3793600000	3965300000	3564000000	4174200000	4343800000	3847700000
sp O9581 BAG3	sp O9581	1	18	18	18	56	61.594	2054700000	2485100000	1749200000	2621100000	1917300000	2601600000

sp O95814 MAP4K4	sp O95814	2	3	3	2	3.3	142.1	0	0	0	0	78210000	0
sp O95824 CRYZL1	sp O95824	1	1	1	1	8	38.696	0	0	0	0	0	11832000
sp O95834 AIFM1	sp O95834	1	12	12	12	25	66.9	3003700000	2954500000	2597400000	2594300000	2599000000	2732200000
sp O95834 CLDN1	sp O95834	1	1	1	1	7.1	22.744	0	0	0	0	0	78376000
sp O95834 CLIC3	sp O95834	1	8	8	8	52	26.648	657460000	897430000	537450000	663210000	706280000	827270000
sp O95864 BPNT1	sp O95864	1	9	9	9	47	33.392	474250000	516770000	559630000	467240000	513220000	713420000
sp O95864 DDAH2	sp O95864	1	3	3	3	16	29.644	111190000	0	0	0	75574000	0
sp O95884 TXNDC12	sp O95884	1	7	7	7	44	19.206	484810000	573590000	552100000	545210000	666540000	538330000
sp O95904 ECD	sp O95904	1	3	3	3	9	72.757	76611000	77666000	84294000	57355000	64864000	65359000
sp O95924 SYF2	sp O95924	1	1	1	1	12	28.722	0	0	0	0	0	60901000
sp O95984 MBD3	sp O95984	1	5	5	5	24	32.844	0	0	254660000	0	0	0
sp O95994 BCL10	sp O95994	1	2	2	2	20	26.251	0	0	0	0	72650000	0
sp O96004 NDUFB10	sp O96004	1	4	4	4	28	20.776	457190000	425630000	481090000	443070000	323920000	534740000
sp O96004 CLPTM1	sp O96004	1	11	11	11	28	76.096	623860000	669680000	691960000	730830000	647710000	713290000
sp O96004 MOCS2	sp O96004	1	2	2	2	13	20.944	0	0	0	64249000	0	0
sp O96004 TOMM40	sp O96004	1	8	8	8	39	37.893	2230400000	2298700000	2083300000	2555900000	2505900000	2421500000
sp O96014 ACTL6A	sp O96014	2	12	12	12	45	47.46	2366400000	2403100000	2070600000	2550600000	2254500000	2674700000
sp P00167 CYB5A	sp P00167	1	5	5	5	49	15.33	306760000	440520000	383120000	372740000	384340000	380570000
sp P00338 LDHA	sp P00338	3	24	24	23	68	36.688	8.7011E+10	9.4285E+10	8.8105E+10	79974000000	80066000000	8.4824E+10
sp P00367 GLUD1	sp P00367	2	19	19	19	41	61.397	4101400000	3463700000	3735000000	4229000000	3945200000	4029600000
sp P00374 DHFR	sp P00374	2	7	7	7	48	21.452	1296900000	1380600000	1141100000	1062800000	1380300000	1029500000
sp P00387 CYB5R3	sp P00387	1	13	13	13	64	34.234	4511400000	4355900000	4624400000	5353600000	5326000000	4845400000
sp P00390 GSR	sp P00390	1	15	15	15	46	56.256	3151200000	3130200000	2760000000	3202700000	3679000000	3018800000
sp P00395 MT-CO1	sp P00395	1	1	1	1	6	57.041	0	0	0	0	22734000	0
sp P00403 MT-CO2	sp P00403	1	6	6	6	31	25.565	1516400000	1676100000	1432100000	1387900000	1237300000	1169200000
sp P00441 SOD1	sp P00441	1	6	6	6	60	15.936	8449700000	9093100000	9566800000	6682500000	6157200000	7979600000
sp P00491 PNP	sp P00491	1	16	16	16	74	32.118	4875800000	6149500000	5497700000	4189100000	4389700000	4346300000
sp P00492 HPRT1	sp P00492	2	12	12	12	73	24.579	4299800000	3497400000	4410100000	4482600000	3734200000	4070000000
sp P00505 GOT2	sp P00505	1	19	19	19	51	47.517	6937800000	7442400000	6770100000	8330400000	8854800000	8281500000
sp P00533 EGFR	sp P00533	3	18	18	18	26	134.28	981590000	1066500000	784180000	970120000	1360200000	1031400000
sp P00558 PGK1	sp P00558	2	27	27	27	63	44.614	7.5839E+10	7.3002E+10	7.1501E+10	67051000000	70987000000	6.7909E+10
sp P00568 AK1	sp P00568	2	10	10	10	61	21.635	2355500000	2019400000	3181200000	2203500000	2171100000	2679100000
sp P00846 MT-ATP6	sp P00846	1	1	1	1	4.4	24.817	0	0	0	0	0	315420000
sp P00918 CA2	sp P00918	1	1	1	1	3.5	29.246	0	0	0	0	33383000	0
sp P00966 ASS1	sp P00966	1	5	5	5	13	46.53	191280000	172850000	190990000	279370000	348960000	290630000
sp P01033 TIMP1	sp P01033	1	1	1	1	5.8	23.171	0	0	0	0	0	0
sp P01034 CST3	sp P01034	1	2	2	2	19	15.799	31908000	0	0	0	0	0
sp P01111 NRAS	sp P01111	3	7	7	7	58	21.229	378280000	672630000	772660000	629350000	529230000	644670000
sp P01130 LDLR	sp P01130	1	2	2	2	3.6	95.375	0	74756000	0	157640000	0	0

sp P01891	HLA-A	sp P01891	6	17	17	3	49	40.908	6083900000	4956200000	4696500000	5577700000	6126700000	5445600000
sp P02462	COL4A1	sp P02462	2	2	2	2	1.7	160.61	201690000	137970000	106420000	170750000	202540000	131220000
sp P02545	LMNA	sp P02545	2	46	46	44	70	74.139	6.6415E+10	6.2948E+10	6.0403E+10	64075000000	67751000000	7.1118E+10
sp P02656	APOC3	sp P02656	1	1	1	1	16	10.852	0	0	233480000	0	0	0
sp P02751	FN1	sp P02751	1	14	14	14	9.3	262.62	149700000	122640000	121420000	1028200000	616750000	1273600000
sp P02786	TFRC	sp P02786	2	28	28	28	41	84.87	8666200000	8874300000	8654300000	8176600000	7942400000	9217400000
sp P02792	FTL	sp P02792	1	3	3	3	23	20.019	196160000	154390000	0	176400000	0	0
sp P02794	FTH1	sp P02794	1	11	11	11	72	21.225	4430700000	4531100000	4347000000	3819400000	4038600000	3352900000
sp P03897	MT-ND3	sp P03897	1	1	1	1	13	13.186	0	0	0	0	0	79692000
sp P03905	MT-ND4	sp P03905	1	1	1	1	2.2	51.58	0	0	0	0	0	21608000
sp P03915	MT-ND5	sp P03915	1	2	2	2	6	67.026	97303000	85123000	123000000	0	0	98452000
sp P03928	MT-ATP8	sp P03928	1	3	3	3	49	7.9916	472750000	462290000	413410000	470320000	993160000	494510000
sp P04040	CAT	sp P04040	1	13	13	13	35	59.755	1557100000	1273900000	1318400000	1341800000	1239300000	1416800000
sp P04062	GBA	sp P04062	1	7	7	7	17	59.716	311760000	394420000	409590000	458700000	453000000	388500000
sp P04075	ALDOA	sp P04075	2	28	28	23	84	39.42	8.2045E+10	8.3422E+10	6.796E+10	74423000000	74216000000	7.2752E+10
sp P04080	CSTB	sp P04080	1	5	5	5	78	11.139	4344900000	2866600000	3934700000	3780600000	5838700000	4680000000
sp P04083	ANXA1	sp P04083	1	24	24	24	71	38.714	3.5307E+10	3.712E+10	3.2867E+10	36753000000	32976000000	3.6082E+10
sp P04150	NR3C1	sp P04150	2	11	11	11	21	85.658	482600000	406240000	275760000	439000000	531480000	445350000
sp P04156	PRNP	sp P04156	1	2	2	2	9.5	27.661	0	0	0	0	0	92096000
sp P04179	SOD2	sp P04179	1	8	8	8	46	24.75	1777200000	1907600000	2086600000	2555200000	2102700000	2291500000
sp P04181	OAT	sp P04181	1	10	10	10	38	48.534	883790000	806150000	1053900000	972850000	974120000	700420000
sp P04183	TK1	sp P04183	1	4	4	4	20	25.468	346860000	380620000	325050000	427670000	543190000	464510000
sp P04406	GAPDH	sp P04406	2	17	17	17	68	36.053	1.4562E+11	1.4331E+11	1.3625E+11	1.3327E+11	1.3604E+11	1.3816E+11
sp P04632	CAPNS1	sp P04632	2	10	10	10	59	28.315	2034500000	2670200000	2230300000	2309900000	2151000000	2219700000
sp P04792	HSPB1	sp P04792	1	17	17	17	85	22.782	3.9908E+10	3.7397E+10	3.7673E+10	37348000000	37821000000	3.6436E+10
sp P04818	TYMS	sp P04818	1	6	6	6	27	35.716	712830000	788210000	745250000	397640000	390870000	404970000
sp P04843	RPN1	sp P04843	1	31	31	31	60	68.569	8583200000	9181400000	9200200000	10345000000	9544400000	1.031E+10
sp P04844	RPN2	sp P04844	1	20	20	20	45	69.283	6994300000	6746900000	7709200000	7110100000	7015000000	8168800000
sp P04899	GNAI2	sp P04899	1	14	14	9	54	40.45	3435200000	3618900000	3420100000	3121300000	4014100000	3597400000
sp Q99878	HIST1H2A	sp Q99878	12	3	1	1	27	13.936	1.1255E+10	1.1729E+10	1.14E+10	10297000000	13292000000	8935500000
sp P05023	ATP1A1	sp P05023	5	38	38	25	44	112.89	9798700000	8839600000	1.0414E+10	8827100000	9017400000	1.0418E+10
sp P05026	ATP1B1	sp P05026	1	7	7	7	32	35.061	768660000	901530000	935280000	841810000	865270000	917390000
sp P05067	APP	sp P05067	1	4	4	4	6.5	86.942	0	202210000	0	156070000	181760000	0
sp P05091	ALDH2	sp P05091	1	14	13	13	41	56.381	830370000	917430000	838560000	940700000	992930000	1045300000
sp P05114	HMGN1	sp P05114	1	4	4	4	34	10.659	641420000	459960000	606420000	521620000	518230000	502280000
sp P05141	SLC25A5	sp P05141	2	15	6	6	43	32.852	7620300000	6472000000	6020900000	8422400000	8274100000	7595500000
sp P05161	ISG15	sp P05161	1	10	10	10	64	17.887	6811100000	6967200000	5148400000	7061800000	9150900000	8526500000
sp P05166	PCCB	sp P05166	1	1	1	1	3	58.215	0	0	0	0	0	29453000
sp P05198	EIF2S1	sp P05198	1	21	21	21	67	36.112	6708600000	5762800000	6699700000	6020900000	6135600000	6381600000

sp P05204 HMG2	sp P05204	2	1	1	1	10	9.3926	0	0	0	0	0	4422800
sp P05362 ICAM1	sp P05362	1	4	4	4	9.2	57.825	0	0	0	167550000	0	0
sp P05386 RPLP1	sp P05386	1	4	3	3	90	11.514	3022900000	2767300000	2875000000	2406000000	2083000000	2292500000
sp P05387 RPLP2	sp P05387	1	9	9	8	92	11.665	1.823E+10	2.3252E+10	2.056E+10	24302000000	30008000000	2.0953E+10
sp P05388 RPLP0	sp P05388	2	13	13	13	58	34.273	2.3603E+10	2.0347E+10	1.8852E+10	22612000000	24363000000	1.8606E+10
sp P05423 POLR3D	sp P05423	1	1	1	1	2.3	44.395	0	0	0	0	16530000	0
sp P05455 SSB	sp P05455	1	24	24	24	57	46.836	4474800000	5095300000	3870700000	4700500000	4056100000	4738300000
sp P05556 ITGB1	sp P05556	1	23	23	23	33	88.414	9028300000	1.0868E+10	9825100000	10953000000	11857000000	1.0751E+10
sp P05783 KRT18	sp P05783	5	29	28	19	69	48.057	4.4078E+10	4.8988E+10	4.5817E+10	49210000000	52913000000	4.4978E+10
sp P05976 MYL1	sp P05976	2	2	2	2	8.2	21.145	0	222750000	0	0	599420000	841810000
sp P06132 UROD	sp P06132	1	9	9	9	38	40.786	1321100000	986730000	1083100000	1025600000	1215200000	964730000
sp P06280 GLA	sp P06280	1	3	3	3	11	48.766	0	0	0	0	121730000	0
sp P06396 GSN	sp P06396	1	14	14	5	27	85.696	1410500000	1694800000	1765500000	1789700000	1761700000	1772200000
sp P06454 PTMA	sp P06454	1	7	7	7	36	12.203	9956400000	9599700000	1.0074E+10	6798100000	8953600000	7731500000
sp P06493 CDK1	sp P06493	1	10	10	9	39	34.095	3808500000	3307500000	3502700000	3240700000	3773600000	3972600000
sp P06576 ATP5F1B	sp P06576	1	25	25	25	71	56.559	3.2886E+10	2.9643E+10	3.1949E+10	41715000000	35224000000	3.8526E+10
sp P06703 S100A6	sp P06703	1	3	3	3	24	10.18	2.8156E+10	6023500000	3.4875E+10	23889000000	28768000000	4.0191E+10
sp P06730 EIF4E	sp P06730	1	5	5	5	36	25.097	1465600000	1389200000	916530000	1017800000	1067500000	1239200000
sp P06733 ENO1	sp P06733	1	24	24	21	71	47.168	1.3938E+11	1.5757E+11	1.5238E+11	1.2747E+11	1.312E+11	1.2922E+11
sp P06737 PYGL	sp P06737	1	27	27	22	38	97.147	2561600000	2313500000	2316800000	2290700000	1986900000	2055600000
sp P06744 GPI	sp P06744	2	22	22	17	51	63.146	2.1387E+10	2.1577E+10	2.3517E+10	19515000000	22063000000	2.1673E+10
sp P06748 NPM1	sp P06748	1	11	11	11	44	32.575	4.0671E+10	5.1833E+10	5.2599E+10	47591000000	49605000000	5.5484E+10
sp P06753 TPM3	sp P06753	1	15	5	5	40	32.95	5047300000	7393100000	5664300000	5762400000	7396600000	6406900000
sp P06756 ITGAV	sp P06756	1	20	20	20	24	116.04	1578900000	1700300000	1530500000	1183600000	1238000000	1261100000
sp P06858 LPL	sp P06858	1	3	3	3	10	53.162	145620000	157170000	164630000	148260000	159600000	104340000
sp P06865 HEXA	sp P06865	1	4	4	4	8.9	60.702	0	221540000	174380000	210490000	0	211980000
sp Q16776 HIST2H2E	sp Q16776	6	6	6	0	41	13.92	8.6605E+10	1.0164E+11	1.0324E+11	1.0924E+11	1.0507E+11	1.0175E+11
sp P07093 SERPINE	sp P07093	1	1	1	1	4.5	44.002	0	13182000	0	52246000	23929000	17919000
sp P07099 EPHX1	sp P07099	1	17	17	17	54	52.948	4347700000	5006900000	4348900000	4783900000	4609200000	5386600000
sp P07108 DBI	sp P07108	1	6	6	6	61	10.044	3840500000	4120800000	2999900000	3781600000	3778200000	3015100000
sp P07195 LDHB	sp P07195	1	20	19	19	56	36.638	5.6804E+10	6.4408E+10	6.1062E+10	60772000000	57477000000	5.008E+10
sp P07203 GPX1	sp P07203	1	10	10	10	59	22.088	727480000	749340000	932960000	1127200000	1069900000	1009000000
sp P07237 P4HB	sp P07237	1	32	32	32	67	57.116	2.822E+10	2.637E+10	2.4862E+10	30628000000	29025000000	2.9233E+10
sp P07305 H1FO	sp P07305	1	3	3	3	16	20.863	118080000	95233000	147280000	286610000	291250000	0
sp P07317 ACYP1	sp P07317	1	2	2	2	23	11.261	170940000	177000000	132930000	107840000	117290000	0
sp P07339 CTSD	sp P07339	1	14	14	14	45	44.552	1796200000	2378100000	2265100000	2419200000	2673200000	2264200000
sp P07355 ANXA2	sp P07355	2	28	28	28	68	38.604	1.138E+11	1.2734E+11	1.1257E+11	1.2608E+11	1.2891E+11	1.2547E+11
sp P07384 CAPN1	sp P07384	1	20	20	20	34	81.889	1047900000	1463200000	1315100000	1202900000	1140100000	987920000
sp P07437 TUBB	sp P07437	2	22	5	4	70	49.67	2.8015E+10	3.3499E+10	2.1109E+10	25943000000	26098000000	2.4492E+10

sp P07602 PSAP	sp P07602	1	13	13	13	28	58.112	3209700000	2769700000	3091000000	3855000000	3574200000	3246300000
sp P07686 HEXB	sp P07686	1	7	7	7	19	63.111	599420000	714790000	655740000	687270000	637360000	698770000
sp P07711 CTSL	sp P07711	1	2	2	2	7.8	37.564	0	0	0	0	0	215900000
sp P07737 PFN1	sp P07737	2	11	11	11	90	15.054	5.5468E+10	6.112E+10	4.37E+10	50837000000	56515000000	5.7448E+10
sp P07741 APRT	sp P07741	1	9	9	9	55	19.608	1537800000	1760200000	1450000000	1792200000	1834100000	1505500000
sp P07814 EPRS	sp P07814	1	56	56	55	50	170.59	1.7579E+10	1.8016E+10	1.6648E+10	18660000000	16909000000	1.9043E+10
sp P07858 CTSB	sp P07858	1	2	2	2	6.2	37.821	0	0	0	159410000	0	0
sp P07900 HSP90AA	sp P07900	4	44	28	28	59	84.659	4.9572E+10	5.0568E+10	5.1136E+10	51274000000	44352000000	4.7651E+10
sp P07910 HNRNPC	sp P07910	5	13	13	13	41	33.67	1.5786E+10	1.4492E+10	1.7599E+10	16187000000	18020000000	1.9596E+10
sp P07919 UQCRH	sp P07919	2	5	5	5	67	10.739	1964400000	2108900000	1939100000	1975900000	2040500000	2767900000
sp P07942 LAMB1	sp P07942	1	9	9	9	8.3	198.04	176280000	226280000	227470000	260680000	260950000	160990000
sp P07954 FH	sp P07954	1	17	17	17	50	54.636	3680500000	4347700000	4046000000	4214400000	4072500000	4127200000
sp P08047 SP1	sp P08047	1	2	2	2	5.5	80.692	0	0	0	0	0	75212000
sp P08133 ANXA6	sp P08133	1	31	31	31	56	75.872	4770000000	4834100000	5057600000	4588300000	4842000000	4846400000
sp P08134 RHOC	sp P08134	1	7	2	2	45	22.006	346240000	327340000	310300000	196960000	392050000	280090000
sp P08174 CD55	sp P08174	1	15	15	15	42	41.4	3495100000	3668500000	3289400000	5195600000	5717700000	5508100000
sp P08195 SLC3A2	sp P08195	1	25	25	25	42	67.993	2.829E+10	2.5481E+10	2.8328E+10	32979000000	39107000000	3.6048E+10
sp P08237 PFKM	sp P08237	1	20	18	17	35	85.182	2663900000	2453300000	2601700000	2195800000	2301500000	2383100000
sp P08238 HSP90AB	sp P08238	2	51	51	27	64	83.263	1.511E+11	1.6378E+11	1.5149E+11	1.4991E+11	1.551E+11	1.7473E+11
sp P08240 SRPRA	sp P08240	1	10	10	10	20	69.81	406520000	556930000	287320000	395120000	522250000	0
sp P08243 ASNS	sp P08243	1	16	16	16	36	64.369	1169100000	1164500000	1429400000	2218800000	1827200000	1645900000
sp P08397 HMBS	sp P08397	1	5	5	5	18	39.33	0	121760000	0	0	0	0
sp P08559 PDHA1	sp P08559	2	17	17	17	57	43.295	3230300000	3428100000	3247500000	2902300000	3034600000	3879300000
sp P08572 COL4A2	sp P08572	1	5	5	5	3.9	167.55	0	0	0	201510000	220110000	176720000
sp P08574 CYC1	sp P08574	1	7	7	7	35	35.422	1994400000	1899900000	2232000000	1849400000	1288300000	1931200000
sp P08579 SNRPB2	sp P08579	1	7	5	5	35	25.486	1083700000	1092400000	1012400000	1003800000	965030000	1083400000
sp P08581 MET	sp P08581	1	7	7	7	8.7	155.54	155870000	167860000	196730000	187280000	175830000	188970000
sp P08621 SNRNP70	sp P08621	1	15	15	15	29	51.556	3704200000	3913500000	3559000000	2947500000	3630000000	4646600000
sp P08648 ITGA5	sp P08648	1	16	16	16	22	114.54	1481000000	1626800000	1540400000	1707400000	1564100000	1573700000
sp P08651 NFIC	sp P08651	1	2	2	2	8.9	55.674	168930000	154410000	164450000	135930000	154200000	0
sp P08670 VIM	sp P08670	8	42	42	39	83	53.651	2.1934E+11	2.2951E+11	1.9611E+11	2.1612E+11	2.5771E+11	2.2382E+11
sp P08708 RPS17	sp P08708	1	8	8	8	57	15.55	8691500000	6592100000	6769200000	6948400000	8443500000	6948000000
sp P08754 GNAI3	sp P08754	1	12	7	7	48	40.532	1268300000	794420000	1084600000	948750000	803370000	1265100000
sp P08758 ANXA5	sp P08758	1	20	20	20	70	35.936	2.0088E+10	1.9815E+10	2.0061E+10	20784000000	21438000000	1.6621E+10
sp P08865 RPSA	sp P08865	1	15	15	15	59	32.854	1.9165E+10	2.3768E+10	2.1059E+10	21010000000	21912000000	1.907E+10
sp P08962 CD63	sp P08962	1	2	2	2	7.6	25.636	1896900000	1504100000	1360000000	1455100000	1688400000	1505200000
sp P09001 MRPL3	sp P09001	1	6	6	6	28	38.632	173680000	159600000	206770000	173160000	232730000	0
sp P09012 SNRPA	sp P09012	1	8	8	6	30	31.279	1812300000	990880000	1603200000	1216000000	1713600000	1378000000
sp P09038 FGF2	sp P09038	1	5	5	5	16	30.77	334800000	244930000	268300000	380310000	317770000	417230000

sp P09104 ENO2	sp P09104	1	8	5	5	33	47.268	666350000	564250000	658280000	564400000	517930000	479700000
sp P09110 ACAA1	sp P09110	1	10	10	10	44	44.292	803980000	662910000	741250000	916770000	841810000	1037000000
sp P09132 SRP19	sp P09132	1	4	4	4	46	16.156	367690000	333840000	305540000	458020000	147740000	388500000
sp P09211 GSTP1	sp P09211	1	12	12	12	70	23.356	2.1247E+10	1.9626E+10	1.8902E+10	21784000000	20444000000	1.8711E+10
sp P09234 SNRPC	sp P09234	1	3	3	3	25	17.394	0	1058700000	1063800000	0	0	1248800000
sp P09382 LGALS1	sp P09382	1	10	10	10	91	14.716	2.3237E+10	2.857E+10	2.2801E+10	25052000000	25270000000	2.3983E+10
sp P09417 QDPR	sp P09417	1	8	8	8	46	25.789	430780000	374220000	454920000	407950000	434110000	330380000
sp P09429 HMGB1	sp P09429	2	12	12	9	47	24.893	1.7674E+10	1.4571E+10	1.684E+10	15295000000	16123000000	1.6439E+10
sp P09488 GSTM1	sp P09488	1	9	9	1	53	25.712	923150000	1044700000	1210500000	899110000	761270000	982860000
sp P09493 TPM1	sp P09493	1	16	12	5	46	32.708	6920600000	6461800000	6428400000	5248500000	6018000000	4990500000
sp P09496 CLTA	sp P09496	1	6	6	6	19	27.076	3100400000	2489900000	2010500000	2755400000	2994100000	2961800000
sp P09497 CLTB	sp P09497	1	6	6	6	22	25.19	356480000	292420000	342440000	0	442320000	374000000
sp P09525 ANXA4	sp P09525	1	12	12	12	46	35.882	1410600000	1046800000	1263000000	979900000	1154500000	1164500000
sp P09543 CNP	sp P09543	1	11	11	11	31	47.578	1079700000	1187400000	1137800000	1018800000	1300900000	1118900000
sp P09601 HMOX1	sp P09601	1	8	8	8	42	32.818	655640000	663010000	677190000	570450000	601200000	569340000
sp P09622 DLD	sp P09622	1	10	10	10	25	54.177	2553900000	2123400000	3392300000	2219400000	1867400000	2430200000
sp P09651 HNRNPA	sp P09651	2	16	16	16	48	38.746	2.5174E+10	2.23E+10	2.4563E+10	22385000000	21266000000	2.287E+10
sp P09661 SNRPA1	sp P09661	1	8	8	8	43	28.415	1227500000	1637400000	1155900000	1061200000	991700000	986620000
sp P09669 COX6C	sp P09669	1	2	2	2	25	8.7813	457930000	358980000	433830000	295120000	401810000	320990000
sp P09758 TACSTD2	sp P09758	1	1	1	1	5	35.709	0	0	0	0	0	32365000
sp P09874 PARP1	sp P09874	1	42	42	42	49	113.08	8403400000	1.0045E+10	8965600000	9072200000	9068700000	9606000000
sp P09884 POLA1	sp P09884	1	12	12	12	12	165.91	424590000	491940000	484280000	408230000	357440000	403510000
sp P09913 IFIT2	sp P09913	1	1	1	1	2.3	54.632	0	0	0	0	0	48348000
sp P09914 IFIT1	sp P09914	2	5	5	5	16	55.36	123170000	138030000	134450000	112990000	178480000	162600000
sp P09960 LTA4H	sp P09960	1	17	17	17	39	69.284	3677100000	3406600000	3466000000	2757400000	3120200000	2832300000
sp P09972 ALDOC	sp P09972	1	7	2	2	24	39.455	5545600000	5893100000	4663100000	6653600000	4625900000	4854800000
sp Q71UI9 H2AFV	sp Q71UI9	2	4	4	2	31	13.509	4.408E+10	3.8475E+10	4.5845E+10	44031000000	42718000000	4.3037E+10
sp P0CG3 POTEJ	sp P0CG3	1	7	1	1	9.6	117.39	0	0	0	0	0	315650000
sp P0DMN SULT1A4	sp P0DMN	3	2	2	2	11	34.196	74729000	54853000	86782000	48017000	78297000	65782000
sp P0DMN HSPA1B	sp P0DMN	2	31	29	16	60	70.051	4.9914E+10	6.1458E+10	5.2616E+10	60482000000	62009000000	6.2277E+10
sp Q0108 U2AF1	sp Q0108	3	7	7	7	29	27.872	2327500000	2244800000	2193400000	2828300000	2492900000	2341000000
sp P35520 CBS	sp P35520	2	11	11	11	33	60.586	693790000	949860000	871000000	1053800000	819750000	933080000
sp P0DP2 CALM3	sp P0DP2	5	11	11	11	60	16.837	1.4585E+10	1.6098E+10	1.3786E+10	14301000000	16601000000	1.4165E+10
sp P0DP9 CSB-PGB	sp P0DP9	2	1	1	1	1.2	119.49	0	0	0	0	47589000	0
sp P0DPB POLR1D	sp P0DPB	1	1	1	1	14	15.237	0	0	0	0	185390000	0
sp P10109 FDX1	sp P10109	1	1	1	1	11	19.393	14682000	23052000	25523000	15230000	22619000	31846000
sp P10155 TROVE2	sp P10155	1	13	13	13	28	60.67	1016000000	877830000	1097400000	1079900000	1085600000	815550000
sp P10301 RRAS	sp P10301	1	3	2	2	19	23.48	0	0	0	0	0	49844000
sp P10316 HLA-A	sp P10316	2	16	2	0	46	40.976	0	0	0	0	270900000	239080000

sp P10321 HLA-C	sp P10321	1	9	1	1	31	40.648	358100000	0	434320000	562890000	0	576650000
sp P10398 ARAF	sp P10398	2	4	4	3	7.4	67.585	196680000	167570000	197180000	206380000	224610000	220430000
sp P10412 HIST1H1E	sp P10412	1	7	1	1	23	21.865	0	0	0	0	0	271300000
sp P10515 DLAT	sp P10515	1	10	10	10	21	68.996	738000000	953120000	751510000	844360000	1036100000	846820000
sp P10599 TXN	sp P10599	1	7	7	7	74	11.737	1.9567E+10	1.8328E+10	2.1981E+10	15061000000	16732000000	2.1493E+10
sp P10606 COX5B	sp P10606	1	5	5	5	40	13.696	1081800000	878100000	973980000	1078900000	1444400000	1152300000
sp P10619 CTSA	sp P10619	1	3	3	3	7.7	54.465	422080000	482930000	0	433360000	0	338690000
sp P10620 MGST1	sp P10620	1	4	4	4	27	17.598	2936100000	2641200000	2594800000	3364200000	2681500000	3302800000
sp P10644 PRKAR1A	sp P10644	1	8	8	7	21	42.981	623280000	531400000	811940000	722110000	690810000	554730000
sp P10646 TFPI	sp P10646	1	1	1	1	6.9	35.015	0	0	0	0	0	51984000
sp P10768 ESD	sp P10768	1	11	11	11	53	31.462	2066500000	2152000000	1885400000	1670400000	1783500000	1551300000
sp P10809 HSPD1	sp P10809	1	45	45	45	80	61.054	8.7005E+10	9.5645E+10	9.0117E+10	1.0383E+11	97518000000	1.0364E+11
sp P10909 CLU	sp P10909	1	9	9	9	26	52.494	1544000000	1257700000	1465200000	1415000000	1930700000	1002600000
sp P11021 HSPA5	sp P11021	1	32	31	31	49	72.332	5.4704E+10	6.0383E+10	5.1164E+10	79702000000	76743000000	7.6505E+10
sp P11047 LAMC1	sp P11047	1	16	16	16	16	177.6	482940000	534900000	508220000	495670000	481500000	528730000
sp P11055 MYH3	sp P11055	1	2	1	1	1.2	223.9	0	0	0	0	0	70752000
sp P11117 ACP2	sp P11117	1	6	6	6	17	48.344	155100000	114650000	190420000	177260000	143340000	167500000
sp P11137 MAP2	sp P11137	1	1	1	1	0.5	199.52	0	0	0	0	34879000	0
sp P11142 HSPA8	sp P11142	2	33	32	28	58	70.897	1.1675E+11	1.1398E+11	1.1736E+11	1.1297E+11	1.2562E+11	1.3109E+11
sp P11166 SLC2A1	sp P11166	1	6	6	6	12	54.083	1335800000	1503000000	1252700000	1146300000	1220000000	1162100000
sp P11171 EPB41	sp P11171	1	3	2	2	5.3	97.016	87707000	0	0	0	0	0
sp P11172 UMPS	sp P11172	1	13	13	13	34	52.221	1307300000	991910000	1739300000	1512000000	1389000000	1486000000
sp P11177 PDHB	sp P11177	1	11	11	11	44	39.233	3512600000	4064000000	2864800000	3788100000	4287400000	4304500000
sp P11182 DBT	sp P11182	1	2	2	2	4.8	53.486	0	0	0	0	0	70616000
sp P11216 PYGB	sp P11216	1	17	13	11	25	96.695	509050000	434890000	410910000	565530000	658220000	318830000
sp P11233 RALA	sp P11233	1	5	5	4	26	23.567	1089100000	1198700000	1153800000	1061100000	1106800000	1037500000
sp P11234 RALB	sp P11234	1	2	1	1	11	23.408	0	0	0	22096000	0	0
sp P11274 BCR	sp P11274	1	3	3	3	3.9	142.82	0	50101000	0	0	71102000	0
sp P11279 LAMP1	sp P11279	1	4	4	4	9.8	44.882	1753100000	840660000	1099100000	1260200000	1831600000	1875700000
sp P11310 ACADM	sp P11310	1	9	9	9	31	46.588	788780000	806770000	881380000	896970000	1099700000	979600000
sp P11387 TOP1	sp P11387	2	23	23	23	31	90.725	3216300000	2615000000	2607800000	3011900000	3159000000	3533700000
sp P11388 TOP2A	sp P11388	1	41	41	31	32	174.38	4516400000	4149800000	4323800000	4119400000	3720800000	4238900000
sp P11413 G6PD	sp P11413	1	32	32	32	62	59.256	1.7767E+10	1.7457E+10	1.7086E+10	17024000000	15734000000	1.6423E+10
sp P11441 UBL4A	sp P11441	1	5	5	5	36	17.776	154010000	168730000	0	165850000	176560000	158190000
sp P11498 PC	sp P11498	1	23	23	23	28	129.63	1846200000	1526600000	1920800000	1730500000	1553500000	1715700000
sp P11586 MTHFD1	sp P11586	1	37	37	36	50	101.56	1.1119E+10	9883100000	1.1038E+10	10970000000	10518000000	1.1773E+10
sp P11717 IGF2R	sp P11717	1	38	38	38	23	274.37	2503700000	2460000000	2432500000	2727600000	2702600000	2533600000
sp P11766 ADH5	sp P11766	1	14	14	14	50	39.724	3918300000	4635700000	4060500000	3944000000	3795200000	3849200000
sp P11802 CDK4	sp P11802	1	7	7	7	31	33.729	308990000	241120000	329470000	282810000	253950000	236360000

sp P11908 PRPS2	sp P11908	1	13	5	4	49	34.769	432720000	254750000	245920000	394870000	347940000	255170000
sp P11940 PABPC1	sp P11940	4	28	28	20	56	70.67	1.4221E+10	1.4897E+10	1.3601E+10	13103000000	13508000000	1.6339E+10
sp P12004 PCNA	sp P12004	1	11	11	11	54	28.768	5561700000	5694200000	5237500000	5653200000	6608500000	6032200000
sp P12081 HARS	sp P12081	1	21	21	16	49	57.41	3616100000	3329500000	3715000000	3304200000	3506900000	3099800000
sp P12235 SLC25A4	sp P12235	1	11	1	1	39	33.064	0	0	0	0	0	42218000
sp P12236 SLC25A6	sp P12236	1	16	16	3	52	32.866	1.3823E+10	1.8036E+10	1.7134E+10	19739000000	17131000000	2.117E+10
sp P12268 IMPDH2	sp P12268	1	24	24	23	62	55.804	8516100000	9147100000	8606200000	9318000000	10381000000	1.0354E+10
sp P12270 TPR	sp P12270	1	63	63	63	33	267.29	5775100000	5337200000	5853700000	5416400000	5530700000	6309000000
sp P12277 CKB	sp P12277	2	18	18	18	71	42.644	7149900000	9396500000	7153600000	7043500000	6842600000	6456700000
sp P12429 ANXA3	sp P12429	1	18	18	18	61	36.375	5997600000	7583300000	6150200000	5196400000	5679000000	5681300000
sp P12694 BCKDHA	sp P12694	1	3	3	3	10	50.47	0	0	0	0	52452000	44012000
sp P12814 ACTN1	sp P12814	1	52	36	31	66	103.06	1.4724E+10	1.5537E+10	1.444E+10	14833000000	13660000000	1.2475E+10
sp P12955 PEPD	sp P12955	1	5	5	5	16	54.548	183350000	246150000	274640000	201300000	230170000	178400000
sp P12956 XRCC6	sp P12956	1	34	34	34	61	69.842	2.0305E+10	2.1016E+10	2.0712E+10	22450000000	19278000000	2.0232E+10
sp P13010 XRCC5	sp P13010	1	33	33	33	57	82.704	1.5982E+10	1.5771E+10	1.6972E+10	15825000000	13582000000	1.7124E+10
sp P13073 COX4I1	sp P13073	1	6	6	6	39	19.576	3057800000	3119600000	2917800000	2579800000	3125300000	2289100000
sp P13473 LAMP2	sp P13473	1	3	3	3	7.1	44.96	146060000	1056700000	0	1260200000	908400000	1165500000
sp P13489 RNH1	sp P13489	1	18	18	18	59	49.973	2807800000	3209100000	3480500000	3188300000	2855700000	2926900000
sp P13639 EEF2	sp P13639	1	49	49	48	61	95.337	8.7703E+10	8.7795E+10	7.9036E+10	81272000000	75057000000	7.0376E+10
sp P13667 PDIA4	sp P13667	1	31	31	31	51	72.932	7846200000	6918600000	6240100000	7944600000	9194500000	9210400000
sp P13674 P4HA1	sp P13674	1	14	14	14	34	61.049	863020000	1003400000	1047000000	1179700000	1066900000	1136500000
sp P13693 TPT1	sp P13693	2	5	5	5	31	19.595	2944100000	3586500000	3168100000	3150800000	3308900000	2719500000
sp P13797 PLS3	sp P13797	2	36	36	33	59	70.81	1.987E+10	2.2041E+10	2.0289E+10	20180000000	18728000000	1.675E+10
sp P13798 APEH	sp P13798	1	13	13	13	29	81.224	1198100000	1251600000	1238100000	1064700000	1130800000	1133100000
sp P13804 ETFA	sp P13804	1	14	14	14	52	35.079	3475200000	2720300000	3184400000	4011400000	4476400000	4646200000
sp P13807 GYS1	sp P13807	1	10	10	10	21	83.785	332370000	378240000	326970000	351550000	405060000	282970000
sp P13861 PRKAR2A	sp P13861	2	17	17	17	58	45.518	1556100000	1528900000	1727000000	1466900000	1431400000	1489600000
sp P13929 ENO3	sp P13929	1	9	6	6	34	46.986	346000000	600180000	511370000	688750000	867870000	438910000
sp P13984 GTF2F2	sp P13984	1	4	4	4	25	28.38	0	0	244000000	380200000	0	252660000
sp P13987 CD59	sp P13987	1	4	4	4	25	14.177	5983700000	6996600000	5811100000	6349900000	7951400000	6625900000
sp P13995 MTHFD2	sp P13995	1	6	6	6	27	37.895	541780000	285930000	587030000	855930000	682450000	590700000
sp P14174 MIF	sp P14174	1	4	4	4	37	12.476	8238700000	8578600000	8631900000	8646200000	7745200000	7109200000
sp P14209 CD99	sp P14209	1	3	3	3	30	18.848	475400000	362600000	476210000	376670000	432120000	493900000
sp P14314 PRKCSH	sp P14314	1	21	21	21	51	59.425	8574500000	8456100000	1.0539E+10	9565000000	9794200000	1.0223E+10
sp P14324 FDPS	sp P14324	1	8	8	8	22	48.275	4862400000	5236300000	4803700000	4388000000	4015600000	3091800000
sp P14384 CPM	sp P14384	1	2	2	2	10	50.513	0	0	24902000	28460000	0	0
sp P14406 COX7A2	sp P14406	1	2	2	2	28	9.3959	0	241670000	0	716430000	879310000	0
sp P14550 AKR1A1	sp P14550	1	16	16	16	63	36.573	2282700000	2728700000	2265700000	2090600000	2093200000	2040200000
sp P14618 PKM	sp P14618	2	37	37	37	72	57.936	1.5501E+11	1.7151E+11	1.763E+11	1.5721E+11	1.5621E+11	1.7659E+11

sp P14625 HSP90B1	sp P14625	2	38	36	36	51	92.468	2.5594E+10	2.6736E+10	2.9948E+10	30947000000	30942000000	2.8562E+10
sp P14635 CCNB1	sp P14635	1	6	6	6	23	48.337	416300000	508690000	496980000	342960000	291800000	336800000
sp P63162 SNRPN	sp P63162	2	6	6	6	22	24.614	2408700000	2276600000	2649200000	2198700000	2209900000	2230100000
sp P14735 IDE	sp P14735	1	14	14	14	17	117.97	937750000	1128600000	1044100000	978220000	1146900000	1172100000
sp P14854 COX6B1	sp P14854	1	3	3	3	48	10.192	998160000	1092600000	716620000	589920000	540270000	513670000
sp P14859 POU2F1	sp P14859	3	2	2	2	4.2	76.471	99584000	63651000	0	86276000	83468000	0
sp P14866 HNRNPL	sp P14866	1	22	22	21	60	64.132	1.2227E+10	1.6773E+10	1.605E+10	16550000000	15967000000	1.7244E+10
sp P14868 DARS	sp P14868	1	21	21	21	50	57.136	4954300000	5289600000	5414300000	4957400000	4601900000	6118000000
sp P14923 JUP	sp P14923	1	26	26	21	48	81.744	3166100000	2549200000	3012100000	2592000000	2578100000	2636500000
sp P14927 UQCRB	sp P14927	1	3	3	3	34	13.53	611490000	624490000	829710000	819120000	0	704700000
sp P15104 GLUL	sp P15104	1	2	2	2	6.2	42.064	95545000	84034000	87250000	0	55887000	0
sp P15121 AKR1B1	sp P15121	2	12	12	12	44	35.853	1.2198E+10	1.1114E+10	1.3224E+10	11592000000	13382000000	9453000000
sp P15144 ANPEP	sp P15144	1	5	5	5	6.7	109.54	103880000	106780000	0	0	79805000	0
sp P15151 PVR	sp P15151	1	2	2	2	8.4	45.302	277480000	0	0	159760000	0	335370000
sp P15170 GSPT1	sp P15170	1	17	17	10	39	55.755	3569400000	3735800000	3743400000	3883500000	3882400000	4072600000
sp P15291 B4GALT1	sp P15291	1	7	7	7	31	43.92	756220000	910860000	922210000	1109800000	1081200000	917130000
sp P15311 EZR	sp P15311	1	37	24	23	54	69.412	1.8397E+10	1.9292E+10	1.5393E+10	15816000000	17791000000	1.657E+10
sp P15328 FOLR1	sp P15328	1	6	6	6	27	29.819	2133000000	2145100000	2359400000	2546800000	2381800000	2361100000
sp P15374 UCHL3	sp P15374	1	8	8	8	50	26.182	1044800000	1357500000	1242600000	1066500000	1141200000	975720000
sp P15408 FOSL2	sp P15408	1	1	1	1	3.7	35.193	0	0	0	0	0	62781000
sp P15529 CD46	sp P15529	1	3	3	3	8.7	43.747	0	329250000	0	265030000	244670000	0
sp P15531 NME1	sp P15531	1	11	6	6	70	17.149	8905600000	7589600000	9029800000	7208800000	8353600000	9341300000
sp P15559 NQO1	sp P15559	1	11	11	11	39	30.867	7611600000	8639400000	7966600000	6357500000	5979200000	6785100000
sp P15586 GNS	sp P15586	1	4	4	4	8.3	62.081	114710000	0	0	248570000	531670000	0
sp P15880 RPS2	sp P15880	1	15	15	15	56	31.324	1.4748E+10	1.7748E+10	1.5651E+10	14741000000	16021000000	1.4176E+10
sp P15924 DSP	sp P15924	1	22	22	22	10	331.77	487230000	589870000	588090000	559310000	466370000	578840000
sp P15927 RPA2	sp P15927	1	5	5	5	38	29.247	1392600000	450510000	991800000	873580000	893730000	868590000
sp P15941 MUC1	sp P15941	1	2	2	2	1.8	122.1	0	0	0	42194000	90609000	0
sp P15954 COX7C	sp P15954	1	1	1	1	14	7.2454	0	0	0	0	0	202170000
sp P16035 TIMP2	sp P16035	1	1	1	1	6.4	24.399	0	0	0	0	0	0
sp P16070 CD44	sp P16070	1	9	9	9	12	81.537	5323800000	4907700000	4465800000	4622300000	5565100000	5754700000
sp P16083 NQO2	sp P16083	1	3	3	3	20	25.918	355220000	386160000	319100000	418370000	466220000	366530000
sp P16144 ITGB4	sp P16144	1	7	7	7	6.5	202.16	155180000	156220000	183350000	134850000	124960000	142170000
sp P16152 CBR1	sp P16152	1	15	15	13	65	30.375	7114700000	7288100000	7872900000	7913700000	6662300000	5944000000
sp P16220 CREB1	sp P16220	1	3	3	2	15	36.688	0	0	0	0	210120000	0
sp P16278 GLB1	sp P16278	1	2	2	2	4.4	76.074	80289000	105180000	0	113890000	94695000	0
sp P16401 HIST1H1E	sp P16401	1	5	5	5	22	22.58	5879100000	8790900000	8572200000	6867300000	10580000000	1.1919E+10
sp P16402 HIST1H1L	sp P16402	1	7	1	1	23	22.35	0	0	0	0	0	208340000
sp P16403 HIST1H1C	sp P16403	2	7	7	1	24	21.364	1.9977E+10	2.4118E+10	2.2931E+10	25697000000	34939000000	2.7908E+10

sp P16435 POR	sp P16435	1	16	16	16	29	76.689	1234800000	1088100000	1186400000	1437300000	1535000000	1166000000
sp P16455 MGMT	sp P16455	1	3	3	3	22	21.646	0	99754000	94263000	156780000	0	87667000
sp P16520 GNB3	sp P16520	1	3	1	1	7.1	37.221	0	506490000	0	0	0	0
sp P16615 ATP2A2	sp P16615	3	40	40	40	45	114.76	6236400000	6919700000	6904600000	7957500000	7723300000	7998000000
sp P16930 FAH	sp P16930	1	3	3	3	12	46.374	84751000	84856000	154700000	93026000	81005000	123170000
sp P16949 STMN1	sp P16949	1	6	6	5	38	17.302	2919500000	3356300000	3099500000	3525900000	2687400000	2793000000
sp P16989 YBX3	sp P16989	1	12	8	8	58	40.089	1854800000	1802000000	2279800000	1609600000	1887000000	2131100000
sp P17066 HSPA6	sp P17066	2	11	2	2	17	71.027	7146000000	1.1878E+10	9203700000	11591000000	11924000000	1.8096E+10
sp P17096 HMGA1	sp P17096	1	4	4	4	41	11.676	1800200000	1092400000	1809000000	804390000	1230600000	1221200000
sp P17152 TMEM11	sp P17152	1	2	2	2	13	21.541	0	0	0	0	156980000	0
sp P17174 GOT1	sp P17174	1	16	16	16	51	46.247	2724000000	2552900000	2560000000	3014300000	2785700000	2251300000
sp P17252 PRKCA	sp P17252	3	11	11	11	26	76.749	800260000	670610000	705280000	677810000	794530000	786280000
sp P17275 JUNB	sp P17275	1	5	5	5	27	35.879	0	0	0	201920000	240230000	253540000
sp P17301 ITGA2	sp P17301	1	15	15	15	23	129.29	492550000	328070000	460040000	457220000	503890000	612870000
sp P17342 NPR3	sp P17342	1	2	2	2	6.1	59.807	0	0	0	0	85157000	0
sp P17480 UBTF	sp P17480	1	12	12	12	18	89.405	689740000	816350000	539900000	760080000	716910000	583240000
sp P17544 ATF7	sp P17544	1	2	2	2	6.7	52.967	48140000	0	0	0	0	0
sp P17612 PRKACA	sp P17612	1	11	3	3	37	40.589	307220000	258410000	234160000	247170000	305890000	365930000
sp P17655 CAPN2	sp P17655	1	23	23	23	44	79.994	5941900000	5773500000	5400600000	5812900000	6152200000	6162200000
sp P17676 CEBPB	sp P17676	1	4	4	4	17	36.105	381150000	980070000	0	0	513210000	0
sp P17812 CTPS1	sp P17812	1	21	21	20	47	66.69	4831300000	4885200000	4225400000	5492900000	5702100000	6181300000
sp P17813 ENG	sp P17813	1	8	8	8	17	70.577	871830000	815640000	931490000	729850000	842950000	717570000
sp P17844 DDX5	sp P17844	1	34	34	25	54	69.147	1.5712E+10	1.6944E+10	1.4925E+10	17048000000	15705000000	1.6361E+10
sp P17858 PFKL	sp P17858	1	14	10	10	23	85.018	673050000	465360000	664330000	744030000	747710000	774460000
sp P17900 GM2A	sp P17900	1	2	2	2	16	20.838	61554000	54864000	65581000	0	70185000	0
sp P17931 LGALS3	sp P17931	1	6	6	6	29	26.152	2187900000	1904300000	1568200000	1686900000	2257000000	2073500000
sp P17980 PSMC3	sp P17980	1	23	23	23	60	49.203	4957400000	5218700000	4907200000	4994500000	4621400000	4681000000
sp P17987 TCP1	sp P17987	1	28	28	28	67	60.343	1.7282E+10	1.5785E+10	1.6135E+10	18915000000	20543000000	1.6302E+10
sp P18031 PTPN1	sp P18031	1	11	11	11	33	49.966	1134400000	1232300000	1192800000	1039300000	1042000000	1589500000
sp P18077 RPL35A	sp P18077	1	3	3	3	21	12.538	2952100000	3386200000	2557900000	3351300000	4047500000	4062800000
sp P18084 ITGB5	sp P18084	1	3	3	3	5.5	88.053	64656000	0	0	0	0	58353000
sp P18085 ARF4	sp P18085	1	10	10	6	64	20.511	5372000000	5286500000	4939700000	5191600000	4873900000	5482800000
sp P18124 RPL7	sp P18124	1	18	18	18	58	29.225	1.5049E+10	1.5308E+10	1.3948E+10	17460000000	19500000000	1.6683E+10
sp P18206 VCL	sp P18206	1	49	49	49	51	123.8	1.9579E+10	2.0098E+10	2.0625E+10	18953000000	19218000000	2.1061E+10
sp P18564 ITGB6	sp P18564	1	1	1	1	1.1	85.935	0	0	0	0	0	375810000
sp P18583 SON	sp P18583	1	14	14	14	9.4	263.83	904270000	837980000	876560000	580540000	928680000	841930000
sp P18615 NELFE	sp P18615	1	5	5	5	21	43.239	225340000	256700000	249460000	210440000	265490000	204660000
sp P18621 RPL17	sp P18621	1	8	8	8	47	21.397	9821500000	1.0133E+10	9367400000	9246200000	8454200000	1.0179E+10
sp P18669 PGAM1	sp P18669	3	17	17	17	71	28.804	2.6206E+10	2.7411E+10	2.7024E+10	21406000000	25163000000	3.0191E+10

sp P18754	RCC1	sp P18754	1	13	13	13	54	44.969	2398800000	2532300000	2547400000	2631800000	2818100000	2679500000
sp P18846	ATF1	sp P18846	1	2	1	1	13	29.232	0	0	0	0	0	32234000
sp P18858	LIG1	sp P18858	1	5	5	5	8.5	101.73	207810000	223860000	240860000	181950000	169680000	220060000
sp P18859	ATP5J	sp P18859	1	6	6	6	52	12.587	1425700000	1650000000	1281900000	1679500000	1663700000	1635200000
sp P18887	XRCC1	sp P18887	1	4	4	4	8.8	69.476	0	309620000	0	0	220150000	0
sp P19022	CDH2	sp P19022	2	10	10	10	20	99.808	359300000	380510000	381980000	491890000	444730000	452410000
sp P19174	PLCG1	sp P19174	1	4	4	4	3.9	148.53	1247900000	0	0	0	0	0
sp P19256	CD58	sp P19256	1	2	2	2	11	28.147	94678000	0	0	0	0	0
sp P19338	NCL	sp P19338	1	27	27	27	34	76.613	2.8567E+10	2.7698E+10	2.9328E+10	27759000000	26391000000	2.7148E+10
sp P19367	HK1	sp P19367	2	26	26	22	36	102.48	1852300000	1929200000	2211800000	2208700000	2042000000	2310500000
sp P19387	POLR2C	sp P19387	1	5	5	5	27	31.441	281130000	231110000	196160000	190180000	309350000	230820000
sp P19388	POLR2E	sp P19388	1	5	5	5	27	24.551	732890000	713930000	603000000	557080000	586840000	623930000
sp P19404	NDUFV2	sp P19404	1	4	4	4	21	27.391	246830000	328710000	284380000	301470000	219530000	226030000
sp P19525	EIF2AK2	sp P19525	1	11	11	11	27	62.094	788810000	959300000	750420000	809240000	869430000	828040000
sp P19623	SRM	sp P19623	1	14	14	14	71	33.824	2565700000	2717800000	2587800000	2499100000	2925800000	3077500000
sp P19784	CSNK2A2	sp P19784	1	6	6	6	26	41.213	264690000	485340000	330160000	471850000	315820000	306920000
sp P19838	NFKB1	sp P19838	1	4	4	4	7.1	105.35	0	0	0	107990000	0	0
sp P19971	TYMP	sp P19971	1	5	5	5	18	49.955	42667000	43171000	43034000	44799000	68524000	54664000
sp P20020	ATP2B1	sp P20020	3	14	7	7	17	138.75	310140000	157450000	300380000	217970000	251150000	215250000
sp P20042	EIF2S2	sp P20042	1	15	15	15	54	38.388	5223400000	5944700000	4494000000	5498000000	5683900000	6562600000
sp P20073	ANXA7	sp P20073	1	10	10	10	24	52.739	1402800000	1460100000	1422800000	1300400000	1417200000	1625400000
sp P20290	BTF3	sp P20290	1	10	10	10	64	22.168	4221500000	3795600000	3741400000	2591900000	3040600000	2467600000
sp P20336	RAB3A	sp P20336	1	3	2	1	14	24.984	0	0	0	0	82775000	68160000
sp P20338	RAB4A	sp P20338	1	3	3	3	17	24.389	0	0	0	152790000	0	0
sp P20339	RAB5A	sp P20339	1	8	5	5	50	23.658	335840000	253200000	210990000	180790000	275340000	281810000
sp P20340	RAB6A	sp P20340	3	9	9	8	47	23.593	3405700000	3660100000	3479800000	3339000000	4257500000	3239600000
sp P20585	MSH3	sp P20585	1	3	3	3	2.9	127.41	0	0	0	0	48588000	0
sp P20618	PSMB1	sp P20618	1	9	9	9	43	26.489	4721800000	5929800000	5940200000	4698900000	5240200000	5403300000
sp P20645	M6PR	sp P20645	1	5	5	5	21	30.993	752500000	835940000	720150000	687630000	810990000	899610000
sp P20674	COX5A	sp P20674	1	8	8	8	53	16.762	2066800000	2876200000	1747800000	1692000000	1865900000	2101800000
sp P20700	LMNB1	sp P20700	1	34	32	32	61	66.408	1.3928E+10	1.2019E+10	1.364E+10	13197000000	13583000000	1.2633E+10
sp P20810	CAST	sp P20810	1	23	23	23	49	76.572	4534900000	4910300000	4744400000	4298700000	5015400000	4280800000
sp P20839	IMPDH1	sp P20839	1	13	12	12	36	55.405	930750000	1531100000	1233100000	1191000000	1093100000	1134100000
sp P20908	COL5A1	sp P20908	1	10	10	10	9.6	183.56	566940000	522500000	534490000	227900000	317340000	317870000
sp P20936	RASA1	sp P20936	1	1	1	1	1.3	116.4	0	0	0	0	0	0
sp P20962	PTMS	sp P20962	1	5	5	5	27	11.53	3776100000	3023500000	3882600000	2777800000	2644600000	3854500000
sp Q9UQ8	CDK11A	sp Q9UQ8	3	6	6	6	10	91.361	331960000	327370000	408650000	298990000	367210000	317910000
sp P21266	GSTM3	sp P21266	1	14	14	13	64	26.559	4107900000	3795900000	4141300000	4533200000	4250200000	4019600000
sp P21281	ATP6V1B	sp P21281	2	10	10	10	25	56.5	776050000	683850000	771120000	952490000	650630000	947240000

sp P21283 ATP6V1C	sp P21283	1	9	9	9	27	43.941	466510000	484580000	476890000	531220000	444290000	481840000
sp P21297 CSRP1	sp P21297	1	11	11	11	65	20.567	2.2442E+10	1.9896E+10	2.2922E+10	17407000000	19416000000	2.3993E+10
sp P21333 FLNA	sp P21333	1	##	124	##	70	280.74	2.5025E+11	2.7088E+11	2.3951E+11	2.4019E+11	2.4469E+11	2.5235E+11
sp P21399 ACO1	sp P21399	2	23	23	23	36	98.398	2071800000	2165600000	1901200000	2453200000	1949400000	1920600000
sp P21796 VDAC1	sp P21796	1	15	15	15	75	30.772	1.6012E+10	1.6262E+10	2.1321E+10	18756000000	17905000000	1.5202E+10
sp P21912 SDHB	sp P21912	1	4	4	4	18	31.629	0	553650000	539250000	281510000	0	681310000
sp P21926 CD9	sp P21926	1	3	3	3	18	25.416	577800000	642700000	815480000	713640000	905120000	972800000
sp P21964 COMT	sp P21964	1	9	9	9	45	30.037	1197100000	1305900000	1163300000	1377200000	1195200000	1376200000
sp P21980 TGM2	sp P21980	1	12	12	12	23	77.328	634900000	619070000	615440000	727730000	727150000	727680000
sp P22033 MUT	sp P22033	1	3	3	3	6.4	83.134	0	114920000	0	90328000	124580000	178770000
sp P22059 OSBP	sp P22059	2	10	10	10	18	89.42	563090000	512220000	360330000	623460000	514910000	575020000
sp P22067 PCMT1	sp P22067	1	7	7	7	52	24.636	1851800000	2210300000	2383400000	2185200000	1963400000	2429600000
sp P22087 FBL	sp P22087	1	10	10	9	40	33.784	3378100000	2974100000	3364500000	3477000000	4242800000	3114100000
sp P22102 GART	sp P22102	1	29	29	29	46	107.77	6093000000	5801600000	5789400000	5630900000	5202800000	4907400000
sp P22234 PAICS	sp P22234	1	22	22	22	52	47.079	1.209E+10	1.2638E+10	1.4035E+10	12577000000	10858000000	1.2494E+10
sp P22307 SCP2	sp P22307	1	8	8	8	14	58.993	1115200000	1467700000	1239100000	1603700000	1929800000	1257600000
sp P22314 UBA1	sp P22314	1	38	38	38	50	117.85	2.1066E+10	2.1785E+10	2.0205E+10	19907000000	21334000000	1.9963E+10
sp P22392 NME2	sp P22392	1	11	11	1	76	17.298	3.4079E+10	3.4449E+10	3.9687E+10	33183000000	31044000000	3.0786E+10
sp P22570 FDXR	sp P22570	1	2	2	2	5.7	53.836	0	0	0	0	0	36424000
sp P22612 PRKACG	sp P22612	1	3	1	1	15	40.434	0	0	0	0	0	55794000
sp P22626 HNRNPA2	sp P22626	1	20	20	20	65	37.429	5.1008E+10	4.8248E+10	4.3576E+10	44845000000	42984000000	5.2309E+10
sp P22694 PRKACB	sp P22694	1	12	12	4	46	40.622	911760000	1145800000	1113300000	1033200000	1190300000	1022000000
sp P22695 UQCRC2	sp P22695	1	17	17	17	55	48.442	4659700000	3813600000	4657500000	4933500000	5297000000	5785200000
sp P22830 FECH	sp P22830	1	3	3	3	10	47.862	0	336700000	0	0	321230000	389640000
sp P23142 FBLN1	sp P23142	1	1	1	1	2.4	77.213	0	0	0	0	0	0
sp P23193 TCEA1	sp P23193	2	13	13	13	50	33.969	1660600000	1653900000	1553800000	1701400000	1725100000	1794800000
sp P23229 ITGA6	sp P23229	1	16	16	16	18	126.6	886190000	721650000	754890000	706080000	809360000	848940000
sp P23246 SFPQ	sp P23246	1	31	31	30	51	76.149	1.9755E+10	2.2124E+10	2.1805E+10	23641000000	23356000000	2.4604E+10
sp P23258 TUBG1	sp P23258	2	11	11	11	43	51.169	912340000	787280000	637220000	721340000	622970000	801010000
sp P23284 PPIB	sp P23284	1	14	14	14	55	23.742	1.4327E+10	1.5546E+10	1.2542E+10	16475000000	17307000000	1.6499E+10
sp P23368 ME2	sp P23368	1	12	12	12	34	65.443	893100000	1119700000	899580000	1193200000	943650000	994660000
sp P23381 WARS	sp P23381	1	16	16	16	48	53.165	1760100000	1996100000	1831300000	2387400000	2383200000	1948700000
sp P23396 RPS3	sp P23396	1	19	19	19	78	26.688	2.4891E+10	2.4967E+10	2.5093E+10	23858000000	25371000000	2.4262E+10
sp P23434 GCSH	sp P23434	1	4	4	4	56	18.884	0	682840000	501170000	474690000	629100000	639250000
sp P23497 SP100	sp P23497	1	4	2	1	4	100.42	84924000	90444000	100200000	91429000	82549000	0
sp P23526 AHCY	sp P23526	1	20	20	20	45	47.716	1.0735E+10	1.1512E+10	1.0352E+10	9686400000	10166000000	1.0092E+10
sp P23528 CFL1	sp P23528	1	15	15	12	74	18.502	6.1341E+10	6.1346E+10	6.8193E+10	55989000000	52619000000	5.4968E+10
sp P23588 EIF4B	sp P23588	1	16	16	16	35	69.15	4401200000	4773400000	4267700000	3387200000	3456500000	3516000000
sp P23634 ATP2B4	sp P23634	1	16	16	9	18	137.92	830420000	929610000	859660000	804370000	750690000	1016900000

sp P23743 DGKA	sp P23743	1	1	1	1	3	82.629	0	0	0	0	0	27986000
sp P23786 CPT2	sp P23786	1	9	9	9	20	73.776	240180000	197260000	208650000	200960000	232220000	204300000
sp P23919 DTYMK	sp P23919	1	10	10	10	45	23.819	1443900000	1323700000	1411100000	1202000000	1406300000	1534000000
sp P23921 RRM1	sp P23921	1	33	33	33	55	90.069	6612200000	7085900000	6531100000	5633700000	6067200000	5983500000
sp P24386 CHM	sp P24386	1	1	1	1	3.5	73.475	0	0	0	0	0	52228000
sp P24390 KDELRL	sp P24390	2	2	2	2	14	24.542	109720000	0	62656000	0	0	0
sp P24534 EEF1B2	sp P24534	1	10	8	8	64	24.763	1.3285E+10	9859200000	5545200000	10731000000	11102000000	9473600000
sp P24539 ATP5F1	sp P24539	1	9	9	9	35	28.908	5847400000	4157900000	4813200000	6756200000	6116200000	7200200000
sp P24666 ACP1	sp P24666	1	7	7	7	65	18.042	1613300000	1411800000	1217400000	1688700000	1802600000	1569900000
sp P24752 ACAT1	sp P24752	1	12	12	12	43	45.199	1309800000	1480000000	1367100000	1574300000	1586500000	1825600000
sp P24844 MYL9	sp P24844	1	8	3	3	62	19.827	332570000	367600000	544440000	451340000	321680000	344870000
sp P24928 POLR2A	sp P24928	1	8	8	8	8	217.17	351690000	267770000	363070000	230810000	321470000	272370000
sp P24941 CDK2	sp P24941	2	8	7	7	36	33.929	862340000	858690000	849290000	744540000	939360000	815110000
sp P25205 MCM3	sp P25205	1	35	35	35	55	90.98	5884800000	6241200000	5832600000	5774500000	5510400000	5157900000
sp P25325 MPST	sp P25325	1	6	6	6	35	33.178	522410000	368230000	460270000	542140000	357250000	377280000
sp P25398 RPS12	sp P25398	1	8	8	8	71	14.515	1.5958E+10	1.3419E+10	1.8667E+10	15195000000	19356000000	1.578E+10
sp P25440 BRD2	sp P25440	1	6	6	6	14	88.06	241810000	0	311880000	252590000	0	0
sp P25685 DNAJB1	sp P25685	1	14	14	13	49	38.044	2064100000	2059900000	1839700000	2178800000	2362600000	2375200000
sp P25686 DNAJB2	sp P25686	1	1	1	1	3.4	35.58	0	0	0	0	18226000	0
sp P25705 ATP5F1A	sp P25705	1	26	26	26	51	59.75	2.0758E+10	2.1994E+10	2.1588E+10	23453000000	25241000000	2.6528E+10
sp P25786 PSMA1	sp P25786	1	16	16	16	50	29.555	4227700000	4662200000	4968700000	4108400000	4152900000	3790000000
sp P25787 PSMA2	sp P25787	1	9	9	9	47	25.898	2407200000	3532100000	2633600000	2431500000	2131000000	2301000000
sp P25788 PSMA3	sp P25788	1	12	12	12	43	28.433	2790100000	2675400000	3134000000	3142900000	2787200000	2870500000
sp P25789 PSMA4	sp P25789	1	11	11	11	53	29.483	7028000000	6182100000	6007300000	5239200000	6447000000	5026800000
sp P25815 S100P	sp P25815	1	2	2	2	24	10.4	0	134070000	0	0	286350000	263480000
sp P26006 ITGA3	sp P26006	1	5	5	5	5.9	116.61	0	492290000	424130000	243800000	284710000	0
sp P26038 MSN	sp P26038	1	43	43	28	63	67.819	5.9503E+10	6.5256E+10	5.3495E+10	54865000000	54141000000	5.1556E+10
sp P26196 DDX6	sp P26196	1	13	13	13	37	54.416	1754900000	1436000000	1482000000	1393000000	1405600000	1429300000
sp P26232 CTNNA2	sp P26232	1	9	1	1	12	105.31	174130000	0	206130000	154330000	0	146360000
sp P26358 DNMT1	sp P26358	1	23	23	23	21	183.16	926250000	951850000	1088800000	819250000	1048000000	855900000
sp P26368 U2AF2	sp P26368	1	13	13	13	44	53.5	4123600000	4366400000	4161400000	4291700000	5287800000	3797200000
sp P26373 RPL13	sp P26373	1	9	9	9	42	24.261	1.1384E+10	1.0861E+10	9576800000	11312000000	12747000000	9322700000
sp P26374 CHML	sp P26374	1	1	1	1	2.9	74.071	0	0	0	0	0	35687000
sp P26440 IVD	sp P26440	1	2	2	2	5.9	46.319	0	0	0	0	0	153290000
sp P26447 S100A4	sp P26447	1	5	5	5	37	11.728	1.2187E+10	1.2491E+10	1.3265E+10	10807000000	11604000000	1.1301E+10
sp P26583 HMGB2	sp P26583	1	8	7	7	29	24.033	3370500000	2665400000	3760100000	3326500000	3837900000	3561400000
sp P26599 PTBP1	sp P26599	1	16	16	14	50	57.221	1.1161E+10	1.2342E+10	1.1164E+10	11557000000	11710000000	1.2619E+10
sp P26639 TARS	sp P26639	2	36	36	36	55	83.434	2.9403E+10	2.953E+10	2.6604E+10	32932000000	30635000000	2.8372E+10
sp P26640 VARS	sp P26640	1	37	37	37	40	140.47	5057200000	6082900000	4684700000	5063300000	5436400000	5444100000

sp P26641 EEF1G	sp P26641	1	22	22	22	52	50.118	2.4991E+10	2.6193E+10	2.4352E+10	26140000000	25579000000	2.424E+10
sp P26885 FKBP2	sp P26885	1	5	5	5	47	15.649	832580000	501470000	1271900000	1085200000	1436400000	1134500000
sp P27105 STOM	sp P27105	1	10	10	10	49	31.73	2810600000	3047000000	3727700000	2770500000	2972000000	2913400000
sp P27144 AK4	sp P27144	1	6	6	6	40	25.268	243100000	554770000	542620000	424580000	615390000	809080000
sp P27348 YWHAQ	sp P27348	1	14	10	10	54	27.764	2.0774E+10	1.6819E+10	1.9166E+10	17752000000	16400000000	1.6796E+10
sp P27361 MAPK3	sp P27361	1	5	2	2	19	43.135	0	0	0	0	0	73252000
sp P27635 RPL10	sp P27635	2	9	9	9	43	24.604	8724100000	1.0239E+10	9054200000	8456200000	9718000000	9303400000
sp P27694 RPA1	sp P27694	1	19	19	19	39	68.137	2826800000	2693400000	2596800000	2381600000	2580500000	2606800000
sp P27695 APEX1	sp P27695	1	15	15	15	55	35.554	5798000000	5113700000	6707800000	5229200000	5327900000	4589700000
sp P27707 DCK	sp P27707	1	5	5	5	24	30.518	231930000	98193000	273230000	168220000	265660000	185410000
sp P27708 CAD	sp P27708	1	49	46	46	32	242.98	5128900000	4413700000	4741600000	4595900000	4707800000	4797400000
sp P27797 CALR	sp P27797	1	20	20	20	62	48.141	2.5326E+10	3.2581E+10	2.6038E+10	32974000000	32151000000	3.5043E+10
sp P27816 MAP4	sp P27816	1	45	45	45	51	121	1.2051E+10	1.3078E+10	1.1969E+10	11195000000	11388000000	1.0969E+10
sp P27824 CANX	sp P27824	1	25	25	25	38	67.567	1.466E+10	1.6177E+10	1.5733E+10	19536000000	17429000000	1.7529E+10
sp P28062 PSMB8	sp P28062	1	3	3	3	15	30.354	0	253320000	0	0	0	123340000
sp P28066 PSMA5	sp P28066	1	12	12	12	61	26.411	5458700000	5598000000	5372200000	5515500000	6577000000	5498700000
sp P28070 PSMB4	sp P28070	1	7	7	7	46	29.204	1930600000	3022900000	2234300000	2302600000	2509600000	2420900000
sp P28072 PSMB6	sp P28072	1	6	6	6	41	25.357	1826200000	2770400000	2811300000	1898100000	1912800000	2410400000
sp P28074 PSMB5	sp P28074	1	11	11	11	49	28.48	4098100000	4557100000	3763100000	4333300000	3886400000	2959300000
sp P28288 ABCD3	sp P28288	1	7	7	7	15	75.475	533080000	624700000	546810000	752290000	591150000	639250000
sp P28290 SSFA2	sp P28290	1	6	6	6	9.4	138.38	0	116180000	135270000	0	114350000	108570000
sp P28300 LOX	sp P28300	1	1	1	1	3.4	46.944	0	0	0	19930000	0	0
sp P28337 NDUFS1	sp P28337	1	12	12	12	27	79.467	792790000	866770000	819540000	822720000	924840000	562700000
sp P28340 POLD1	sp P28340	1	15	15	15	19	123.63	656620000	783010000	652630000	755130000	737210000	603630000
sp P28347 TEAD1	sp P28347	4	2	2	2	8.5	47.945	59934000	0	0	0	0	0
sp P28482 MAPK1	sp P28482	1	13	13	10	51	41.389	1281400000	1483600000	1504700000	1427300000	1566700000	1686300000
sp P28838 LAP3	sp P28838	1	16	16	16	42	56.166	1488000000	1781600000	1696300000	1664000000	1487100000	1774200000
sp P29083 GTF2E1	sp P29083	1	2	2	2	6.2	49.452	0	0	0	0	0	44483000
sp P29084 GTF2E2	sp P29084	1	2	2	2	12	33.043	0	0	0	0	0	40592000
sp P29144 TPP2	sp P29144	1	27	27	27	29	138.35	1689000000	1817100000	1825800000	1486300000	1674600000	1632500000
sp P29218 IMPA1	sp P29218	1	4	4	4	22	30.188	241510000	184950000	0	0	162610000	0
sp P29317 EPHA2	sp P29317	6	14	14	13	18	108.27	482990000	502130000	587030000	694480000	878120000	987060000
sp P29353 SHC1	sp P29353	1	6	6	6	18	62.821	359820000	397000000	394730000	428260000	342880000	387640000
sp P29372 MPG	sp P29372	1	3	3	3	15	32.868	111970000	107990000	0	141180000	129440000	123350000
sp P29407 TKT	sp P29407	1	32	32	32	68	67.877	9.6761E+10	9.7446E+10	8.503E+10	89271000000	83991000000	8.1966E+10
sp P29558 RBMS1	sp P29558	2	2	2	2	7.4	44.505	394330000	343280000	0	0	371960000	312570000
sp P29590 PML	sp P29590	1	3	3	3	4.4	97.55	0	0	0	0	91296000	121410000
sp P29692 EEF1D	sp P29692	1	16	16	14	64	31.121	1.9585E+10	1.712E+10	1.9745E+10	17649000000	19624000000	1.9711E+10
sp P29966 MARCKS	sp P29966	1	8	8	8	48	31.554	5235600000	6870300000	4384700000	4825800000	5646800000	5241800000

sp P29992 GNA11	sp P29992	2	5	5	3	19	42.123	53805000	175100000	139720000	230000000	98492000	127780000
sp P30040 ERP29	sp P30040	1	10	10	10	46	28.993	3363500000	3673600000	3626600000	3401600000	3879900000	3698100000
sp P30041 PRDX6	sp P30041	1	17	17	17	70	25.035	2.1177E+10	2.392E+10	2.5211E+10	22676000000	21406000000	2.1297E+10
sp P30043 BLVRB	sp P30043	1	8	8	8	56	22.119	1384700000	1252100000	1244400000	1270500000	1258200000	1334800000
sp P30044 PRDX5	sp P30044	1	9	9	9	56	22.086	9054900000	8653900000	7764600000	9742500000	10429000000	7473500000
sp P30046 DDT	sp P30046	2	6	6	6	53	12.712	2209900000	1860500000	2304100000	1817000000	1606900000	1722500000
sp P30048 PRDX3	sp P30048	1	8	8	8	39	27.692	4539800000	8453400000	6665400000	6628700000	7453900000	6553500000
sp P30049 ATP5F1D	sp P30049	1	2	2	2	14	17.49	0	1495300000	0	1158000000	1193400000	1429300000
sp P30050 RPL12	sp P30050	1	7	7	7	59	17.818	1.456E+10	1.3344E+10	1.3637E+10	14695000000	13435000000	1.4961E+10
sp P30084 ECHS1	sp P30084	1	11	11	11	52	31.387	2868200000	2505800000	2521400000	3881700000	3892400000	3086100000
sp P30085 CMPK1	sp P30085	1	9	9	9	54	22.222	2329900000	2883800000	2984400000	2598600000	2675200000	2637000000
sp P30086 PEBP1	sp P30086	1	9	9	9	73	21.057	1.1245E+10	1.2426E+10	1.0237E+10	8247400000	10116000000	1.0012E+10
sp P30101 PDIA3	sp P30101	1	30	30	30	63	56.782	2.6141E+10	2.9172E+10	2.7947E+10	28750000000	26812000000	2.9498E+10
sp P30153 PPP2R1A	sp P30153	1	24	24	19	50	65.308	8456000000	9134700000	8961700000	8624800000	9303800000	7190300000
sp P30154 PPP2R1B	sp P30154	1	8	3	3	19	66.213	0	0	0	0	123580000	0
sp P30260 CDC27	sp P30260	1	5	5	5	6.6	91.866	136680000	140200000	0	150800000	157570000	0
sp P30405 PPIF	sp P30405	1	4	3	3	34	22.04	0	0	0	246930000	0	0
sp P30408 TM4SF1	sp P30408	1	1	1	1	4.5	21.632	1176400000	1489600000	1264200000	1482200000	1376100000	1577900000
sp P30419 NMT1	sp P30419	2	11	11	11	29	56.806	2277200000	1942200000	1932200000	2012700000	2143600000	1740200000
sp P30453 HLA-A	sp P30453	5	11	1	0	34	41.054	0	0	0	0	0	683020000
sp P30685 HLA-B	sp P30685	6	11	3	0	40	40.455	321700000	312990000	332290000	374040000	376840000	423920000
sp P30519 HMOX2	sp P30519	1	6	6	6	29	36.032	486800000	553280000	520010000	590710000	450830000	704030000
sp P30520 ADSS	sp P30520	1	12	12	12	34	50.097	2049500000	2254900000	2140800000	2290700000	2651800000	2264300000
sp P30530 AXL	sp P30530	2	6	6	6	9.4	98.336	151880000	183750000	126170000	119060000	121610000	102110000
sp P30533 LRPAP1	sp P30533	1	7	7	7	21	41.465	590710000	462830000	378510000	585160000	502100000	427300000
sp P30536 TSPO	sp P30536	1	2	2	2	9.5	18.828	600170000	270870000	528440000	0	0	781520000
sp P30566 ADSL	sp P30566	1	14	14	14	41	54.889	2063400000	2620600000	1770300000	1656200000	1768300000	1539100000
sp P30622 CLIP1	sp P30622	2	7	7	7	6.5	162.24	277960000	353570000	286880000	298440000	309880000	219850000
sp P30626 SRI	sp P30626	1	10	10	10	56	21.676	2294000000	2750300000	2323000000	2072500000	2317500000	2246000000
sp P30740 SERPINB	sp P30740	1	4	4	4	13	42.741	398450000	351700000	307830000	362070000	364810000	429850000
sp P30825 SLC7A1	sp P30825	1	1	1	1	1.7	67.638	0	0	0	29223000	0	0
sp P30837 ALDH1B1	sp P30837	3	18	18	17	36	57.206	3404800000	4748300000	5273900000	3718500000	3864500000	4226800000
sp P30838 ALDH3A1	sp P30838	3	9	8	8	28	50.394	718190000	1045200000	878280000	842840000	693160000	723540000
sp P30876 POLR2B	sp P30876	1	16	16	16	17	133.9	1046000000	1263300000	1179900000	880550000	997430000	1110500000
sp P31040 SDHA	sp P31040	1	26	26	26	62	72.691	9300300000	9750000000	8187300000	7201100000	7469600000	7709200000
sp P31150 GDI1	sp P31150	1	16	9	9	53	50.582	1628700000	1146800000	2148600000	1516600000	1627900000	1443300000
sp P31153 MAT2A	sp P31153	2	13	13	13	42	43.66	4172400000	4267700000	4829800000	4357700000	4701500000	4257700000
sp P31327 CPS1	sp P31327	1	75	75	72	62	164.94	2.323E+10	2.3329E+10	2.4291E+10	27560000000	28677000000	2.7602E+10
sp P31350 RRM2	sp P31350	2	11	11	11	38	44.877	1233600000	1133200000	1269000000	1027100000	977870000	883650000

sp P31689 DNAJA1	sp P31689	1	16	16	16	53	44.868	7693900000	7108400000	5948000000	6392900000	6525600000	5663800000
sp P31757 AKT2	sp P31757	1	3	3	2	12	55.768	105060000	148490000	110080000	128440000	153140000	140340000
sp P31930 UQCRC1	sp P31930	1	16	15	15	47	52.645	5590900000	5391900000	4869700000	5689400000	5369700000	6132900000
sp P31937 HIBADH	sp P31937	1	9	9	9	44	35.329	622780000	702600000	602870000	737360000	855220000	814440000
sp P31939 ATIC	sp P31939	1	35	35	35	75	64.615	1.2312E+10	1.3453E+10	1.2004E+10	11875000000	12679000000	1.1598E+10
sp P31942 HNRNPH	sp P31942	1	14	13	13	62	36.926	4355500000	3550000000	3046300000	4211900000	4308400000	4655200000
sp P31943 HNRNPH	sp P31943	1	17	17	11	52	49.229	1.7908E+10	1.9162E+10	2.21E+10	19602000000	18255000000	1.8328E+10
sp P31946 YWHAB	sp P31946	1	13	9	8	63	28.082	1.2066E+10	1.316E+10	1.3382E+10	16013000000	14372000000	1.4852E+10
sp P31947 SFN	sp P31947	1	14	12	12	62	27.774	7737500000	7021900000	7544200000	8696800000	9164800000	7176200000
sp P31948 STIP1	sp P31948	1	36	36	36	57	62.639	1.9674E+10	2.1592E+10	1.7952E+10	18378000000	20832000000	2.1608E+10
sp P31949 S100A11	sp P31949	1	6	6	6	53	11.74	6568300000	9095800000	7862800000	8400600000	9049200000	7293700000
sp P32004 L1CAM	sp P32004	1	23	23	23	25	140	2798000000	2662300000	2704400000	2280500000	2238300000	2267000000
sp P32119 PRDX2	sp P32119	1	10	9	9	54	21.892	1.0952E+10	1.3792E+10	1.1702E+10	12239000000	12061000000	9817100000
sp P32320 CDA	sp P32320	1	4	4	4	55	16.185	2025100000	1815700000	1581600000	1729300000	2142000000	1657700000
sp P32327 DCTD	sp P32327	1	1	1	1	10	20.016	0	0	0	0	0	32887000
sp P32322 PYCR1	sp P32322	1	10	10	9	47	33.36	1088800000	1077200000	864590000	1043100000	979060000	1076400000
sp P32455 GBP1	sp P32455	2	6	6	4	15	67.93	424680000	799960000	674050000	692160000	603040000	690190000
sp P32456 GBP2	sp P32456	1	5	3	3	9.3	67.208	0	0	0	0	0	118300000
sp P32780 GTF2H1	sp P32780	1	3	3	3	6.6	62.031	0	45830000	0	0	0	0
sp P32969 RPL9	sp P32969	1	9	9	9	54	21.863	6440800000	6269300000	6688500000	7805500000	7610500000	6355100000
sp P32970 CD70	sp P32970	1	5	5	5	33	21.118	172710000	245930000	178180000	150030000	136300000	141080000
sp P33127 ACSL1	sp P33127	1	4	4	4	7.2	77.942	0	121140000	114510000	103850000	0	96063000
sp P33176 KIF5B	sp P33176	3	35	35	35	49	109.68	4457300000	4629200000	4187300000	3934900000	4202900000	4440300000
sp P33240 CSTF2	sp P33240	1	9	9	4	26	60.959	742850000	825870000	819340000	814740000	805140000	721180000
sp P33316 DUT	sp P33316	1	10	10	10	50	26.563	7316300000	6833800000	6959900000	7129600000	7208400000	7377400000
sp P33527 ABCC1	sp P33527	1	15	15	15	15	171.59	704060000	801200000	648780000	705400000	843420000	788840000
sp P33552 CKS2	sp P33552	1	2	2	2	24	9.8602	270170000	253550000	199470000	213550000	192920000	256500000
sp P33897 ABCD1	sp P33897	2	7	7	7	12	82.936	427440000	367800000	457130000	363260000	494510000	648890000
sp P33997 MCM4	sp P33997	2	29	29	29	41	96.557	4334600000	4523400000	3610500000	3764500000	3554700000	3990400000
sp P33992 MCM5	sp P33992	1	30	30	30	47	82.285	4560000000	4698400000	4682300000	4510400000	5032100000	4790600000
sp P33993 MCM7	sp P33993	1	26	26	26	44	81.307	4385800000	3938600000	4167500000	4456200000	3874100000	4291200000
sp P34059 GALNS	sp P34059	1	1	1	1	3.1	58.025	0	0	0	0	37342000	0
sp P34741 SDC2	sp P34741	1	1	1	1	7.5	22.16	0	0	0	0	0	0
sp P34896 SHMT1	sp P34896	1	10	9	9	32	53.082	643420000	656850000	673030000	458770000	394880000	427730000
sp P34897 SHMT2	sp P34897	1	18	18	17	52	55.992	5251400000	5798600000	5355900000	6165300000	6020500000	5919800000
sp P34932 HSPA4	sp P34932	1	45	45	43	70	94.33	1.8235E+10	1.8071E+10	1.7959E+10	19023000000	18844000000	1.7239E+10
sp P43250 GRK6	sp P43250	2	1	1	1	2.4	65.99	0	0	0	0	8441900	0
sp P34949 MPI	sp P34949	1	3	3	3	13	46.655	0	0	0	0	123540000	86550000
sp P35052 GPC1	sp P35052	1	4	4	4	12	61.68	0	0	0	158330000	214170000	233670000

sp P35080 PFN2	sp P35080	1	4	4	4	49	15.046	873750000	0	802060000	805070000	984340000	0
sp P35222 CTNNA1	sp P35222	2	40	40	32	62	100.07	6008200000	5903600000	6838900000	4986800000	5034500000	5192900000
sp P35222 CTNNB1	sp P35222	1	20	15	15	36	85.496	889560000	1151600000	940790000	933400000	866630000	934490000
sp P35232 PHB	sp P35232	1	15	15	15	56	29.804	6435300000	6722000000	6122100000	7303400000	8558000000	7705700000
sp P35237 SERPINB	sp P35237	1	12	12	11	43	42.621	3177100000	2467100000	3734800000	3483300000	3579900000	3216000000
sp P35241 RDX	sp P35241	1	31	15	15	46	68.563	3266200000	3500200000	3952200000	3251800000	3108200000	2667900000
sp P35244 RPA3	sp P35244	1	5	5	5	52	13.569	1007400000	1031400000	1160300000	1015300000	1242000000	849620000
sp P35249 RFC4	sp P35249	1	8	8	8	32	39.681	865280000	1026600000	1166400000	988400000	806830000	756930000
sp P35250 RFC2	sp P35250	1	8	8	8	29	39.157	945220000	1242200000	829950000	1107500000	941290000	941060000
sp P35251 RFC1	sp P35251	1	10	10	10	11	128.25	308740000	361310000	332380000	360150000	254410000	274880000
sp P35268 RPL22	sp P35268	1	5	5	5	52	14.787	5506600000	4925700000	1.0927E+10	5665900000	4719700000	6728700000
sp P35269 GTF2F1	sp P35269	1	7	7	7	22	58.24	571070000	622350000	530030000	525360000	398790000	492140000
sp P35270 SPR	sp P35270	1	5	5	5	28	28.048	369550000	413730000	388430000	693430000	474950000	470020000
sp P35555 FBN1	sp P35555	1	2	2	2	0.8	312.24	0	0	0	0	0	19334000
sp P35573 AGL	sp P35573	1	12	12	12	11	174.76	522930000	604360000	499730000	516800000	571320000	553680000
sp P35579 MYH9	sp P35579	9	##	122	##	59	226.53	1.003E+11	1.039E+11	1.0154E+11	1.0216E+11	1.0782E+11	1.0594E+11
sp P35580 MYH10	sp P35580	1	40	24	22	26	229	803630000	881050000	982830000	908130000	988580000	1050500000
sp P35606 COPB2	sp P35606	1	26	26	26	41	102.49	5245600000	4250600000	4614300000	4076700000	4527600000	4719900000
sp P35610 SOAT1	sp P35610	1	4	4	4	11	64.734	96484000	167800000	112490000	129990000	56347000	0
sp P35611 ADD1	sp P35611	1	5	5	5	11	80.954	230590000	241480000	234910000	157280000	163970000	195960000
sp P35613 BSG	sp P35613	1	10	10	10	34	42.2	6654800000	6762400000	7923400000	7646900000	9330000000	7418500000
sp P35637 FUS	sp P35637	1	9	9	7	22	53.425	7755500000	7504800000	8664600000	8805700000	8301800000	9665900000
sp P35658 NUP214	sp P35658	1	26	26	26	19	213.62	1580300000	1454300000	1910200000	1638800000	1487700000	1643500000
sp P35659 DEK	sp P35659	1	10	10	10	33	42.674	1972000000	2295600000	1685300000	1842800000	2090400000	1988000000
sp P35754 GLRX	sp P35754	1	4	4	4	39	11.776	548640000	485930000	482320000	517710000	529130000	411210000
sp P35914 HMGCL	sp P35914	1	2	2	2	8	34.36	0	0	0	123330000	0	0
sp P35998 PSMC2	sp P35998	1	24	24	24	61	48.633	4323400000	5083800000	4124200000	4484700000	4680500000	4268600000
sp P36404 ARL2	sp P36404	1	5	5	5	33	20.878	0	180290000	178470000	181890000	230790000	0
sp P36405 ARL3	sp P36405	1	8	8	8	54	20.455	750420000	877900000	681910000	847960000	697560000	607890000
sp P36507 MAP2K2	sp P36507	1	9	9	7	35	44.424	706870000	993950000	926750000	980190000	1128100000	932000000
sp P36542 ATP5F1C	sp P36542	1	10	10	10	35	32.996	3686400000	3845200000	3964200000	4343300000	4108700000	5060200000
sp P36543 ATP6V1E	sp P36543	1	3	3	3	16	26.145	218490000	219430000	200350000	264580000	190660000	235240000
sp P36551 CPOX	sp P36551	1	4	4	4	12	50.151	0	91882000	0	0	0	0
sp P36578 RPL4	sp P36578	1	19	19	19	48	47.697	2.0592E+10	2.4728E+10	1.7535E+10	21475000000	25192000000	2.0536E+10
sp P36639 NUDT1	sp P36639	1	3	3	3	20	22.519	394280000	504760000	441860000	414180000	598700000	244750000
sp P36776 LONP1	sp P36776	1	22	22	22	35	106.49	2367700000	2454800000	2603200000	3649200000	2845500000	3066900000
sp P36871 PGM1	sp P36871	1	24	24	24	56	61.448	3015100000	3961400000	3457000000	3493000000	3712500000	3096700000
sp P36873 PPP1CC	sp P36873	1	12	1	1	43	36.983	0	0	0	0	0	71956000
sp P36915 GNL1	sp P36915	1	1	1	1	3	68.66	0	0	0	0	0	41757000

sp P36952 SERPINB1	sp P36952	1	21	21	21	73	42.1	1.1497E+10	1.1558E+10	1.268E+10	10881000000	10960000000	1.0513E+10
sp P36954 POLR2I	sp P36954	1	3	3	3	42	14.523	160080000	134320000	137530000	135500000	167390000	130740000
sp P36957 DLST	sp P36957	1	12	12	12	37	48.755	1949900000	2127900000	2337100000	2538100000	2583500000	2563900000
sp P36969 GPX4	sp P36969	1	2	2	2	13	22.174	0	156920000	0	0	0	0
sp P37108 SRP14	sp P37108	1	7	7	7	60	14.57	5835400000	6010200000	6936800000	5093300000	5823100000	4510100000
sp P37198 NUP62	sp P37198	1	8	8	8	22	53.254	982760000	1107100000	902090000	944780000	1071000000	1112000000
sp P37235 HPCAL1	sp P37235	3	11	11	11	60	22.313	1333500000	1613200000	1084200000	1084600000	1449800000	1050700000
sp P37268 FDFT1	sp P37268	1	7	7	7	22	48.115	382450000	502350000	443970000	0	154600000	158940000
sp P37802 TAGLN2	sp P37802	1	16	16	15	88	22.391	3.0385E+10	3.7217E+10	3.1584E+10	34085000000	34597000000	2.9097E+10
sp P37837 TALDO1	sp P37837	1	17	17	17	43	37.54	5578600000	6413200000	6192700000	6075600000	5512500000	5490600000
sp P37840 SNCA	sp P37840	1	3	3	3	35	14.46	348980000	286310000	266130000	378920000	429270000	349040000
sp P38117 ETFB	sp P38117	1	14	14	14	50	27.843	2971300000	3011800000	2852300000	3465800000	3389000000	3541800000
sp P38159 RBMX	sp P38159	5	17	17	17	42	42.331	9141500000	1.0505E+10	8864600000	9039400000	8529400000	9349700000
sp P38432 COIL	sp P38432	1	3	3	3	8.9	62.608	52126000	0	0	68197000	59157000	0
sp P38606 ATP6V1A	sp P38606	1	17	17	17	33	68.303	2382600000	2593500000	2800100000	2051500000	2323200000	2598800000
sp P38646 HSPA9	sp P38646	1	37	37	36	61	73.68	3.2234E+10	3.6835E+10	3.3076E+10	39351000000	40436000000	4.0177E+10
sp P38919 EIF4A3	sp P38919	1	23	19	19	62	46.871	4947900000	5467500000	5669400000	5817300000	6598600000	6135700000
sp P39019 RPS19	sp P39019	1	11	11	11	57	16.06	1.311E+10	1.0123E+10	1.171E+10	10892000000	12082000000	1.1752E+10
sp P39023 RPL3	sp P39023	2	22	22	22	46	46.108	1.9327E+10	1.8337E+10	1.9044E+10	19011000000	20144000000	1.9125E+10
sp P39656 DDOST	sp P39656	1	12	12	12	44	50.8	1537800000	1430400000	1863100000	1900100000	1511300000	1473000000
sp P39687 ANP32A	sp P39687	3	11	11	9	40	28.585	6955400000	7894200000	5909800000	6105300000	6784300000	5940200000
sp P39748 FEN1	sp P39748	3	12	12	12	43	42.592	4777200000	5371800000	4856000000	4580500000	4173900000	4501400000
sp Q13948 CUX1	sp Q13948	2	4	4	4	11	77.454	0	69214000	82427000	0	82998000	67191000
sp P40127 CAPG	sp P40127	1	11	11	11	46	38.498	3632300000	3458200000	3973000000	3383400000	3697500000	3484500000
sp P40123 CAP2	sp P40123	1	6	5	5	15	52.823	208730000	188910000	268310000	0	239270000	206250000
sp P40222 TXLNA	sp P40222	1	14	14	14	32	61.89	897440000	773300000	1075100000	855170000	964790000	1106200000
sp P40227 CCT6A	sp P40227	2	25	25	25	66	58.024	1.5584E+10	1.4941E+10	1.4168E+10	15014000000	16331000000	1.5402E+10
sp P40267 NNMT	sp P40267	1	8	8	8	42	29.574	1584900000	1736000000	1441000000	1702000000	1661200000	1572300000
sp P40424 PBX1	sp P40424	2	2	2	2	6.7	46.625	0	98982000	0	0	0	0
sp P40429 RPL13A	sp P40429	2	8	8	8	38	23.577	3782600000	4068100000	3970000000	4728100000	5327000000	3611000000
sp P40616 ARL1	sp P40616	1	4	4	4	39	20.417	333940000	421230000	319130000	417080000	445190000	509910000
sp P40692 MLH1	sp P40692	1	5	5	5	9.7	84.6	166880000	128260000	107210000	104500000	58704000	0
sp P40763 STAT3	sp P40763	1	21	21	21	39	88.067	1652300000	2100300000	1861600000	1610600000	1704900000	1627200000
sp P40818 USP8	sp P40818	1	3	3	3	4.7	127.52	239210000	178520000	221460000	196810000	166180000	82085000
sp P40855 PEX19	sp P40855	1	4	4	4	20	32.806	120100000	0	0	0	100320000	0
sp P40925 MDH1	sp P40925	1	13	13	13	43	36.426	8217400000	7482300000	8161400000	7388600000	7351500000	7751300000
sp P40926 MDH2	sp P40926	1	15	15	15	57	35.503	1.7889E+10	1.8918E+10	1.7919E+10	20218000000	23864000000	2.1752E+10
sp P40937 RFC5	sp P40937	1	6	6	6	19	38.496	588740000	653690000	530750000	529100000	590730000	492970000
sp P40938 RFC3	sp P40938	1	9	9	9	38	40.556	1020600000	1211200000	1028500000	1095300000	1100400000	1052000000

sp P40939 HADHA	sp P40939	1	27	27	27	50	82.999	5334200000	6214500000	5942900000	6862200000	6519300000	8052700000
sp P41097 EIF2S3	sp P41097	2	24	24	24	60	51.109	1.0713E+10	9638500000	1.0668E+10	9140800000	8940300000	1.0319E+10
sp P41208 CETN2	sp P41208	1	3	3	3	22	19.738	0	0	0	0	76806000	46304000
sp P41214 EIF2D	sp P41214	1	5	5	5	14	64.706	136290000	201360000	78608000	147510000	193080000	134640000
sp P41221 WNT5A	sp P41221	2	3	3	3	13	42.339	0	0	41032000	0	0	0
sp P41223 BUD31	sp P41223	1	7	7	7	46	17	414710000	393880000	414600000	454460000	481550000	338790000
sp P41227 NAA10	sp P41227	2	12	12	12	58	26.458	1581400000	1754500000	2011500000	1810300000	2040000000	1779700000
sp P41236 PPP1R2	sp P41236	2	5	5	5	37	23.015	0	0	146560000	167560000	158150000	206940000
sp P41240 CSK	sp P41240	1	4	4	4	13	50.704	77930000	0	0	0	114240000	114950000
sp P41250 GARS	sp P41250	1	25	25	25	40	83.165	3986700000	4256700000	4215500000	4440200000	4467900000	5219200000
sp P41252 IARS	sp P41252	1	41	41	41	41	144.5	6448700000	6295600000	6580700000	6930400000	6952700000	6985500000
sp P41567 EIF1	sp P41567	1	6	6	2	65	12.732	1232900000	1425300000	1124500000	1397600000	1691800000	1349500000
sp P41743 PRKCI	sp P41743	1	6	6	6	18	68.262	165530000	192830000	212550000	220530000	253100000	197300000
sp P42025 ACTR1B	sp P42025	1	7	2	2	20	42.293	0	0	0	0	0	91650000
sp P42126 ECI1	sp P42126	1	5	5	5	18	32.816	818360000	924940000	675770000	778050000	1174400000	1093000000
sp P42166 TMPO	sp P42166	1	20	20	13	43	75.491	3865200000	4229000000	3701700000	4918200000	5240800000	5018100000
sp P42167 TMPO	sp P42167	1	16	9	9	53	50.67	1651300000	1511300000	1279200000	1632100000	1547700000	1541200000
sp P42224 STAT1	sp P42224	1	20	20	20	33	87.334	2158300000	2540000000	2565800000	2270400000	2528900000	2387300000
sp P42285 MTREX	sp P42285	1	20	20	20	25	117.8	2077000000	2580800000	2152300000	1820900000	1984800000	1710100000
sp P42330 AKR1C3	sp P42330	1	16	9	9	69	36.853	1.6266E+10	1.654E+10	1.284E+10	12180000000	13640000000	1.17E+10
sp P42345 MTOR	sp P42345	1	16	16	16	8.6	288.89	1442000000	1658700000	1456600000	1473600000	1489400000	1527100000
sp P42566 EPS15	sp P42566	1	6	6	6	9.7	98.655	182260000	198930000	148320000	175680000	185830000	178260000
sp P42574 CASP3	sp P42574	1	2	2	2	6.9	31.608	24200000	0	0	0	72886000	0
sp P42677 RPS27	sp P42677	1	5	5	2	41	9.461	4662300000	6887200000	4968500000	4570900000	5900100000	6361700000
sp P42695 NCAPD3	sp P42695	1	4	4	4	3.7	168.89	5069000000	5795000000	0	0	0	3800400000
sp P42696 RBM34	sp P42696	1	3	3	3	7.2	48.564	0	158390000	0	84398000	65822000	0
sp P42704 LRPPRC	sp P42704	2	60	60	60	52	157.9	1.1768E+10	1.2274E+10	1.0502E+10	11288000000	11163000000	1.1589E+10
sp P42765 ACAA2	sp P42765	1	17	17	17	62	41.924	2330200000	2217400000	2446400000	2959000000	3611200000	3015700000
sp P42766 RPL35	sp P42766	1	3	3	3	26	14.551	4566000000	3338400000	3251700000	3462200000	3854300000	4110000000
sp P42771 CDKN2A	sp P42771	2	5	5	5	55	16.532	4125000000	4041600000	3618300000	3338700000	3563700000	2690900000
sp P42773 CDKN2C	sp P42773	1	3	3	3	19	18.127	175890000	228610000	237960000	0	178060000	0
sp P42785 PRCP	sp P42785	1	2	2	2	5.4	55.799	0	0	0	0	96901000	0
sp P42858 HTT	sp P42858	1	4	4	4	2.1	347.6	93579000	0	0	0	0	0
sp P42892 ECE1	sp P42892	1	15	15	15	30	87.163	910360000	1106800000	1043700000	904260000	859040000	1209000000
sp P43007 SLC1A4	sp P43007	1	3	3	3	9.8	55.722	121720000	146170000	110950000	94821000	129850000	178960000
sp P43034 PAFAH1B	sp P43034	1	14	14	14	44	46.637	2297300000	2255700000	2424200000	2070100000	2689700000	2809600000
sp P43121 MCAM	sp P43121	1	14	14	14	31	71.607	811750000	770420000	971700000	855130000	864660000	966400000
sp P43243 MATR3	sp P43243	1	31	31	31	45	94.622	1.4701E+10	1.3466E+10	1.4839E+10	14804000000	14912000000	1.4087E+10
sp P43246 MSH2	sp P43246	1	14	14	14	23	104.74	880290000	825990000	796410000	986610000	991450000	1001100000

sp P43304 GPD2	sp P43304	1	21	21	21	37	80.852	1901400000	1670800000	1980900000	1953300000	2057700000	2207900000
sp P43307 SSR1	sp P43307	1	4	4	4	24	32.235	728820000	725100000	815270000	842820000	875150000	762550000
sp P43487 RANBP1	sp P43487	2	7	7	7	58	23.31	4973600000	4805700000	5547700000	5645600000	4768800000	4641200000
sp P43490 NAMPT	sp P43490	1	17	17	17	51	55.52	1488700000	1426700000	1406700000	1563800000	1745400000	1303900000
sp P43686 PSMC4	sp P43686	1	19	19	19	65	47.366	2915500000	3707300000	2858400000	2766600000	3175300000	3050800000
sp P43897 TSFM	sp P43897	1	10	10	10	48	35.39	1201600000	1041300000	1146000000	1301100000	1221900000	1075600000
sp P45877 PPIC	sp P45877	1	3	3	3	15	22.763	200700000	274540000	262050000	346990000	271430000	257360000
sp P45880 VDAC2	sp P45880	1	14	14	14	64	31.566	8391400000	6646400000	7835600000	9540600000	10031000000	1.1213E+10
sp P45973 CBX5	sp P45973	1	8	8	8	47	22.225	1826700000	1999200000	1890500000	1268500000	1624800000	1706000000
sp P45974 USP5	sp P45974	1	22	22	22	38	95.785	4207600000	4557600000	3732500000	3475500000	3707400000	4110600000
sp P46013 MKI67	sp P46013	1	57	57	57	29	358.69	2918400000	3260600000	3153300000	2928500000	3145200000	3512300000
sp P46060 RANGAP1	sp P46060	1	21	21	21	44	63.541	3497900000	3546400000	3415300000	3526600000	3832700000	3429600000
sp P46063 RECQL	sp P46063	1	20	20	20	39	73.457	3553700000	3256900000	3474000000	3540200000	3105100000	3375800000
sp P46087 NOP2	sp P46087	1	17	17	17	28	89.301	2571300000	2346900000	2544200000	2997700000	2673600000	3362000000
sp P46100 ATRX	sp P46100	1	3	3	3	1.8	282.58	108320000	92926000	93565000	0	0	0
sp P46108 CRK	sp P46108	1	8	8	8	37	33.83	436680000	374110000	423360000	538390000	502810000	520690000
sp P46109 CRKL	sp P46109	1	7	7	7	38	33.777	951520000	849060000	742190000	849840000	888130000	860330000
sp P46199 MTIF2	sp P46199	1	1	1	1	1.7	81.316	0	0	0	0	60681000	0
sp P46379 BAG6	sp P46379	1	17	17	17	27	119.41	920640000	1079200000	1011700000	942290000	996000000	1022000000
sp P46459 NSF	sp P46459	1	20	20	20	30	82.593	1206700000	1111200000	1135000000	1424000000	1590500000	1543300000
sp P46734 MAP2K3	sp P46734	2	7	7	7	28	39.318	403120000	327340000	271930000	534700000	394250000	469880000
sp P46736 BRCC3	sp P46736	1	5	5	5	21	36.072	214930000	187210000	183900000	147740000	171040000	0
sp P46776 RPL27A	sp P46776	1	6	6	6	35	16.561	6774800000	5311300000	7822300000	7121300000	5490700000	7130600000
sp P46777 RPL5	sp P46777	1	15	15	15	56	34.362	1.4877E+10	1.624E+10	1.6219E+10	13956000000	14243000000	1.5687E+10
sp P46778 RPL21	sp P46778	1	7	7	7	37	18.565	5738600000	6139800000	6651700000	6140800000	6388400000	7606300000
sp P46779 RPL28	sp P46779	1	7	7	7	40	15.747	6903300000	7520600000	5697500000	6079100000	6556400000	6706100000
sp P46781 RPS9	sp P46781	1	15	15	15	58	22.591	1.1472E+10	1.4149E+10	1.3301E+10	13401000000	12870000000	1.3461E+10
sp P46782 RPS5	sp P46782	1	12	12	12	55	22.876	1.04E+10	1.1518E+10	1.1404E+10	12428000000	12978000000	1.2766E+10
sp P46783 RPS10	sp P46783	2	8	7	7	44	18.898	4918400000	3454400000	4040500000	4205600000	3641200000	3922500000
sp P46821 MAP1B	sp P46821	2	60	60	60	38	270.63	5754400000	6180200000	5803700000	5500500000	5713500000	5910500000
sp P46926 GNPDA1	sp P46926	1	9	9	6	46	32.668	1172100000	1404600000	992440000	833970000	897520000	760080000
sp P46934 NEDD4	sp P46934	1	2	2	2	2	149.11	0	0	0	0	0	49726000
sp P46937 YAP1	sp P46937	1	9	9	9	35	54.461	301330000	307960000	371170000	348620000	344610000	277230000
sp P46939 UTRN	sp P46939	1	5	5	5	2.5	394.46	0	0	0	0	45403000	0
sp P46940 IQGAP1	sp P46940	1	69	69	66	54	189.25	4.4635E+10	4.2773E+10	4.6171E+10	43278000000	39644000000	4.3299E+10
sp P46976 GYG1	sp P46976	1	3	3	3	11	39.383	0	245190000	0	0	0	0
sp P46977 STT3A	sp P46977	1	12	12	12	17	80.529	1594200000	1280100000	1583700000	1462600000	1578700000	1698700000
sp P47224 RABIF	sp P47224	1	1	1	1	8.9	13.839	0	0	0	0	0	66954000
sp P47712 PLA2G4A	sp P47712	1	17	17	17	30	85.238	1237500000	1537100000	1817200000	1411500000	1486800000	1593700000

sp P47755 CAPZA2	sp P47755	1	12	10	10	64	32.949	2651000000	3465000000	3960100000	2777900000	3042500000	2675700000
sp P47756 CAPZB	sp P47756	1	17	17	17	61	31.35	6709200000	8742100000	6837700000	7688300000	7522200000	7818800000
sp P47813 EIF1AX	sp P47813	2	4	4	4	42	16.46	1528400000	1870000000	2256700000	1730900000	1630400000	1551300000
sp P47897 QARS	sp P47897	1	34	33	33	55	87.798	5251700000	5035800000	4767200000	5206900000	5152400000	5505000000
sp P47914 RPL29	sp P47914	1	2	2	2	15	17.752	4590900000	0	2694700000	2376300000	4949700000	6297300000
sp P47985 UQCRFS	sp P47985	2	8	8	8	39	29.668	1221700000	1094700000	1098200000	1102700000	1410200000	964120000
sp P48047 ATP5O	sp P48047	1	9	9	9	58	23.277	3798300000	2922800000	2878300000	3698400000	4001800000	3838500000
sp P48059 LIMS1	sp P48059	2	9	9	9	35	37.251	1041200000	997060000	769020000	671220000	743380000	964170000
sp P48060 GLIPR1	sp P48060	1	2	2	2	8.6	30.366	0	0	2112200000	0	0	0
sp P48147 PREP	sp P48147	1	15	15	15	31	80.699	975270000	944810000	857890000	790280000	819990000	815220000
sp P48163 ME1	sp P48163	1	14	14	14	34	64.149	1060500000	1132000000	907630000	1111800000	1019400000	979760000
sp P48426 PIP4K2A	sp P48426	1	3	3	1	9.6	46.224	66896000	0	0	0	59077000	0
sp P48444 ARCN1	sp P48444	1	19	19	19	41	57.21	1825200000	2207500000	2130100000	1902400000	1944500000	2128500000
sp P48449 LSS	sp P48449	1	8	8	8	14	83.308	520530000	447180000	410310000	447470000	401990000	682210000
sp P48506 GCLC	sp P48506	1	10	10	10	22	72.765	380040000	440050000	455240000	501220000	465470000	471160000
sp P48507 GCLM	sp P48507	1	8	8	8	38	30.727	1695000000	2000800000	1568200000	2459500000	3220300000	2721700000
sp P48509 CD151	sp P48509	1	3	3	3	11	28.295	0	366600000	0	0	345370000	368720000
sp P48556 PSMD8	sp P48556	1	7	7	7	25	39.611	1446900000	1480800000	1180600000	1369200000	1372600000	1367600000
sp P48634 PRRC2A	sp P48634	1	8	7	7	6.6	228.86	177910000	152520000	132350000	160050000	139330000	150240000
sp P48637 GSS	sp P48637	1	13	13	13	34	52.384	1014500000	1023200000	1076900000	855100000	927910000	973160000
sp P48643 CCT5	sp P48643	1	36	36	36	72	59.67	1.6834E+10	1.7972E+10	1.6914E+10	15537000000	15466000000	1.7047E+10
sp P48657 PTDSS1	sp P48657	1	6	6	6	18	55.527	230160000	220130000	199360000	245430000	211770000	175670000
sp P48687 NES	sp P48687	1	3	3	3	2.5	177.44	0	13856000	0	0	0	101000000
sp P48723 HSPA13	sp P48723	1	6	6	6	19	51.927	142730000	215370000	145420000	187650000	173990000	175060000
sp P48729 CSNK1A1	sp P48729	2	6	6	6	23	38.914	340940000	385050000	264350000	316300000	351280000	387790000
sp P48730 CSNK1D	sp P48730	2	5	5	5	18	47.33	198530000	255210000	0	172320000	189750000	0
sp P48735 IDH2	sp P48735	1	4	4	4	11	50.909	151310000	152730000	176290000	181500000	267090000	152470000
sp P48739 PITPNB	sp P48739	1	12	12	11	53	31.54	1146100000	1476200000	1140200000	1321400000	1301800000	1497500000
sp P48960 CD97	sp P48960	2	10	10	10	18	91.868	1120300000	1243900000	1117100000	1448200000	1716700000	1279400000
sp P49005 POLD2	sp P49005	1	9	9	9	34	51.289	470540000	365780000	374670000	355060000	356510000	349420000
sp P49006 MARCKS1	sp P49006	1	2	2	2	14	19.529	495250000	0	0	164930000	0	342170000
sp P49023 PXN	sp P49023	1	13	13	13	36	64.505	795630000	782020000	539050000	576240000	665180000	718370000
sp P49189 ALDH9A1	sp P49189	1	15	15	15	35	53.801	1137100000	1525400000	1078700000	1163900000	1499400000	1306300000
sp P49207 RPL34	sp P49207	1	5	5	5	36	13.293	5056600000	5312400000	4901200000	5170400000	5812500000	5248500000
sp P49247 RPIA	sp P49247	1	1	1	1	5.1	33.269	0	0	0	0	0	22923000
sp P49257 LMAN1	sp P49257	1	13	13	13	35	57.548	4330000000	3812600000	4729800000	4480900000	4416200000	3959000000
sp P49327 NASP	sp P49327	1	23	23	23	49	85.237	5153100000	5403300000	5874600000	5181900000	5059200000	4088900000
sp P49327 FASN	sp P49327	1	87	87	87	47	273.42	3.3325E+10	3.3636E+10	3.3584E+10	27855000000	25900000000	2.7242E+10
sp P49354 FNTA	sp P49354	1	5	5	5	15	44.408	132470000	132430000	120100000	121950000	102270000	119570000

sp P49356 FNTB	sp P49356	1	1	1	1	3.7	48.773	0	0	0	0	0	50552000
sp P49366 DHPS	sp P49366	1	2	2	2	8.7	40.97	0	173000000	0	0	0	0
sp P49368 CCT3	sp P49368	1	35	35	35	65	60.533	2.4999E+10	2.7424E+10	2.5754E+10	23939000000	24959000000	2.3023E+10
sp P49406 MRPL19	sp P49406	1	5	5	5	17	33.535	181110000	209120000	184840000	220450000	205420000	171210000
sp P49411 TUFM	sp P49411	1	28	28	28	70	49.541	1.4662E+10	1.4006E+10	1.5977E+10	17288000000	16580000000	1.5897E+10
sp P49419 ALDH7A1	sp P49419	1	15	15	15	42	58.486	2617900000	2202900000	2226500000	2386700000	2509800000	2172000000
sp P49441 INPP1	sp P49441	1	1	1	1	3	43.998	0	0	0	0	0	24610000
sp P49454 CENPF	sp P49454	1	7	7	7	3	367.76	0	100310000	0	0	0	0
sp P49458 SRP9	sp P49458	1	4	4	4	43	10.112	3375000000	4069400000	3235000000	2744400000	3287900000	3564200000
sp P49585 PCYT1A	sp P49585	2	4	4	4	15	41.731	231050000	278210000	257320000	228620000	244750000	220330000
sp P49588 AARS	sp P49588	1	34	34	34	50	106.81	4528200000	5053900000	4704600000	6598200000	6214400000	6049500000
sp P49589 CARS	sp P49589	1	14	14	14	23	85.472	719160000	784860000	735430000	997830000	1030600000	957270000
sp P49590 HARS2	sp P49590	1	8	3	3	16	56.888	0	0	109390000	0	0	0
sp P49591 SARS	sp P49591	1	16	16	16	38	58.777	3970900000	3636600000	3095100000	3596900000	4255000000	3408200000
sp P49642 PRIM1	sp P49642	1	6	6	6	19	49.901	208300000	279280000	274470000	228020000	243950000	356520000
sp P49643 PRIM2	sp P49643	1	9	9	9	22	58.805	381080000	358330000	498170000	339820000	253820000	326850000
sp P49711 CTCF	sp P49711	1	3	3	3	7.6	82.785	0	0	0	0	0	216900000
sp P49720 PSMB3	sp P49720	1	7	7	7	42	22.949	1920300000	1936800000	2387500000	2144400000	1872000000	1613900000
sp P49721 PSMB2	sp P49721	1	6	6	6	32	22.836	1387700000	1603400000	1411200000	1410100000	1216500000	1174800000
sp P49736 MCM2	sp P49736	1	27	27	27	37	101.89	4468200000	4348800000	4161500000	3882100000	4212100000	3957200000
sp P49748 ACADVL	sp P49748	1	24	24	24	49	70.389	4828800000	4930300000	4662100000	5900800000	5881600000	5745200000
sp P49750 YLPM1	sp P49750	1	5	5	5	3.6	241.64	238280000	167820000	247560000	123850000	203070000	215880000
sp P49755 TMED10	sp P49755	1	7	7	7	35	24.976	2532300000	2409100000	2464000000	2352500000	2117500000	2672700000
sp P49756 RBM25	sp P49756	1	14	14	14	20	100.18	935440000	1414700000	1008500000	1222600000	1380000000	1318200000
sp P49757 NUMB	sp P49757	1	2	2	2	6.9	70.803	0	0	0	103880000	0	0
sp P49770 EIF2B2	sp P49770	1	8	8	8	29	38.989	615700000	468740000	501280000	504620000	610920000	658900000
sp P49773 HINT1	sp P49773	1	8	8	8	75	13.802	9450200000	8662000000	6640700000	6808300000	4982200000	5357500000
sp P49790 NUP153	sp P49790	1	15	15	15	17	153.94	687320000	720230000	644790000	617520000	588500000	673640000
sp P49792 RANBP2	sp P49792	3	69	69	52	30	358.2	4175800000	4286700000	4225500000	4292500000	4463500000	4101500000
sp P49821 NDUFV1	sp P49821	1	5	5	5	19	50.817	380430000	436710000	306480000	300110000	286510000	243270000
sp P49840 GSK3A	sp P49840	1	7	7	5	22	50.98	172830000	0	174250000	0	136400000	126700000
sp P49841 GSK3B	sp P49841	1	6	4	4	26	46.744	113980000	182900000	155680000	153060000	124450000	137460000
sp P49902 NT5C2	sp P49902	1	5	5	5	12	64.969	100770000	124990000	0	171560000	203010000	0
sp P49903 SEPHS1	sp P49903	1	6	6	6	26	42.91	397810000	591880000	258960000	402310000	407920000	355600000
sp P49914 MTHFS	sp P49914	1	2	2	2	16	23.255	62183000	100080000	0	0	80486000	64025000
sp P49915 GMPS	sp P49915	1	21	21	21	43	76.715	2096600000	3108800000	2629800000	2920400000	2477700000	2364100000
sp P49916 LIG3	sp P49916	1	5	5	5	5.1	112.91	125670000	127420000	150550000	144140000	159280000	163620000
sp P49917 LIG4	sp P49917	1	1	1	1	1.5	103.97	0	0	0	0	0	40707000
sp P49959 MRE11	sp P49959	1	9	9	9	16	80.592	477220000	477560000	518590000	456160000	600970000	613600000

sp P50135 HNMT	sp P50135	1	2	2	2	14	33.295	206790000	158090000	137340000	125410000	234650000	159340000
sp P50157 GNG10	sp P50157	1	1	1	1	22	7.2053	0	0	0	0	0	19369000
sp P50213 IDH3A	sp P50213	1	11	11	11	34	39.591	2152500000	2679400000	2341100000	2346400000	2312100000	2305400000
sp P50238 CRIP1	sp P50238	1	3	3	3	56	8.5328	6189000000	3647800000	2573800000	5271200000	4696500000	4917200000
sp P50336 PPOX	sp P50336	1	2	2	2	10	50.765	60955000	0	62978000	129460000	91226000	0
sp P50395 GDI2	sp P50395	1	27	27	20	69	50.663	1.3886E+10	1.4053E+10	1.3911E+10	12692000000	13489000000	1.3338E+10
sp P50402 EMD	sp P50402	1	13	13	13	65	28.994	3532700000	3264000000	2397200000	3493600000	4580800000	4101600000
sp P50416 CPT1A	sp P50416	1	20	20	20	29	88.367	2921000000	2466500000	2212900000	2407100000	2776400000	3293000000
sp P50452 SERPINB	sp P50452	1	3	2	2	8.6	42.766	0	30990000	0	0	0	0
sp P50453 SERPINB	sp P50453	1	1	1	1	2.9	42.403	0	0	0	0	62574000	0
sp P50454 SERPINH	sp P50454	1	19	19	19	48	46.44	2.1465E+10	2.0332E+10	2.0557E+10	22862000000	21304000000	2.3027E+10
sp P50502 ST13	sp P50502	3	10	10	10	28	41.331	7812600000	6678400000	6793200000	6408200000	6152900000	6402700000
sp P50552 VASP	sp P50552	1	10	10	10	36	39.829	1143700000	1006500000	1341200000	1009500000	1240300000	1212500000
sp P50570 DNM2	sp P50570	2	19	19	13	29	98.063	1311100000	1293100000	1358200000	1374200000	1263100000	1105700000
sp P50579 METAP2	sp P50579	1	14	14	14	35	52.891	2816600000	2831100000	2434300000	2098200000	2474900000	2905000000
sp P50583 NUDT2	sp P50583	1	4	4	4	46	16.829	364060000	469820000	309080000	299780000	400760000	448600000
sp P50613 CDK7	sp P50613	1	2	2	2	12	39.038	74968000	116950000	94153000	111670000	118790000	111430000
sp P50748 KNTC1	sp P50748	1	5	5	5	2.9	250.75	195620000	272200000	270190000	246880000	242990000	118670000
sp P50750 CDK9	sp P50750	1	5	5	5	17	42.777	0	0	0	163310000	0	0
sp P50851 LRBA	sp P50851	1	7	7	7	3.3	319.1	179060000	205070000	203620000	191710000	200820000	190580000
sp P50897 PPT1	sp P50897	1	7	7	7	31	34.193	1593900000	1428200000	1096700000	1090600000	1196500000	1157500000
sp P50914 RPL14	sp P50914	1	5	5	5	24	23.432	7139800000	7947900000	7143000000	9473100000	9904700000	7481500000
sp P50990 CCT8	sp P50990	1	36	36	36	72	59.62	2.5905E+10	2.2624E+10	2.6055E+10	26595000000	27463000000	2.3657E+10
sp P50997 CCT4	sp P50997	1	28	28	28	61	57.924	1.6649E+10	1.7044E+10	1.7438E+10	15918000000	17504000000	1.822E+10
sp P50993 ATP1A2	sp P50993	1	14	1	1	18	112.26	0	0	0	0	52004000	0
sp P50995 ANXA11	sp P50995	1	13	13	13	29	54.389	982810000	1190200000	992470000	946320000	999770000	1183400000
sp P51003 PAPOLA	sp P51003	3	7	7	7	12	82.842	203170000	206880000	198790000	168280000	166140000	188640000
sp P51114 FXR1	sp P51114	1	11	11	10	24	69.72	949230000	1211900000	1129300000	900230000	1086600000	998040000
sp P51116 FXR2	sp P51116	1	9	8	7	18	74.222	492920000	523460000	611590000	610400000	499970000	559590000
sp P51148 RAB5C	sp P51148	1	10	10	7	72	23.482	3185100000	2596100000	3144300000	3196900000	3099900000	3136600000
sp P51149 RAB7A	sp P51149	1	15	15	15	74	23.489	4150700000	4312600000	4253200000	4105300000	4826600000	4399100000
sp P51151 RAB9A	sp P51151	2	4	4	4	27	22.837	0	0	136440000	274560000	144140000	179050000
sp P51153 RAB13	sp P51153	1	4	2	2	20	22.774	167410000	205610000	223840000	170310000	0	0
sp P51159 RAB27A	sp P51159	1	1	1	1	4.1	24.868	0	0	0	0	0	40358000
sp P51172 SCNN1D	sp P51172	1	1	1	1	2.4	70.214	0	0	0	0	0	59125000
sp P51398 DAP3	sp P51398	1	9	9	9	31	45.566	657520000	759410000	841240000	568250000	633150000	639880000
sp P51452 DUSP3	sp P51452	1	4	4	4	29	20.478	289070000	152230000	226820000	208780000	190770000	173070000
sp P51537 SMARCA4	sp P51537	1	11	4	4	8.7	181.28	167630000	73023000	167880000	282050000	127650000	123630000
sp P51532 SMARCA4	sp P51532	1	16	16	9	12	184.64	2252900000	2081900000	2332400000	1967300000	2115000000	2301600000

sp P51553 IDH3G	sp P51553	1	7	7	7	32	42.794	669610000	783100000	609720000	888740000	942800000	708560000
sp P51570 GALK1	sp P51570	1	7	7	7	29	42.272	297920000	316110000	258590000	343040000	294890000	263400000
sp P51571 SSR4	sp P51571	1	5	5	5	36	18.998	2435200000	2391500000	2730500000	2766400000	2618700000	2485000000
sp P51572 BCAP31	sp P51572	1	9	9	9	32	27.991	2071500000	3117900000	2086600000	2127700000	2154500000	2080400000
sp P51608 MECP2	sp P51608	1	1	1	1	2.9	52.44	0	0	0	0	0	19579000
sp P51610 HCFC1	sp P51610	2	23	23	23	18	208.73	1598800000	1849300000	1528800000	1558400000	1581100000	1605600000
sp P51636 CAV2	sp P51636	1	2	2	2	21	18.291	146260000	0	52721000	0	0	0
sp P51648 ALDH3A2	sp P51648	1	13	13	12	29	54.847	1923800000	2408600000	1950000000	2135300000	2400300000	2108900000
sp P51659 HSD17B4	sp P51659	1	27	27	27	51	79.685	3859400000	4097000000	4089100000	4142900000	4985300000	4719000000
sp P51665 PSMD7	sp P51665	1	7	7	7	30	37.025	1464300000	1710600000	1262500000	1143600000	1124400000	1783300000
sp P51692 STAT5B	sp P51692	2	7	7	7	9.5	89.865	113740000	122160000	0	177720000	89823000	166950000
sp P51790 CLCN3	sp P51790	1	1	1	1	2.2	90.965	0	0	0	0	0	22720000
sp P51808 DYNLT3	sp P51808	1	3	3	3	65	13.062	0	150230000	152110000	166110000	205410000	0
sp P51809 VAMP7	sp P51809	1	5	5	5	29	24.935	128480000	274060000	239620000	249290000	324160000	0
sp P51812 RPS6KA3	sp P51812	1	13	13	8	23	83.735	901500000	766470000	951940000	960350000	893180000	1040400000
sp P51857 AKR1D1	sp P51857	1	1	1	1	2.8	37.376	0	0	0	0	0	509160000
sp P51858 HDGF	sp P51858	1	21	21	20	79	26.788	1.064E+10	1.0242E+10	9986600000	10287000000	9957200000	9304000000
sp P51948 MNAT1	sp P51948	1	3	3	3	14	35.823	411840000	331220000	279760000	316610000	0	0
sp P51965 UBE2E1	sp P51965	1	1	1	1	9.3	21.404	0	0	0	0	0	85245000
sp P51970 NDUFA8	sp P51970	1	6	6	6	52	20.105	594350000	530450000	404120000	483860000	473330000	390240000
sp P51991 HNRNPA3	sp P51991	1	14	14	14	44	39.594	1.3958E+10	1.1604E+10	1.2257E+10	12892000000	12967000000	1.1704E+10
sp P52209 PGD	sp P52209	1	22	22	22	59	53.139	1.094E+10	1.0262E+10	1.2862E+10	9554800000	7527900000	8354400000
sp P52272 HNRNPM	sp P52272	1	37	37	37	60	77.515	1.6257E+10	1.7805E+10	1.6181E+10	18698000000	17717000000	2.0665E+10
sp P52292 KPNA2	sp P52292	1	17	17	17	53	57.861	5706400000	4845100000	5069400000	5157200000	4969700000	5010700000
sp P52294 KPNA1	sp P52294	1	8	5	5	18	60.221	338580000	340640000	277510000	314020000	360260000	274140000
sp P52298 NCBP2	sp P52298	1	3	3	3	21	18.001	118310000	109000000	0	78151000	105800000	0
sp P52306 RAP1GDS	sp P52306	1	15	15	15	36	66.316	907040000	1045700000	970180000	997890000	894910000	908250000
sp P52434 POLR2H	sp P52434	1	5	5	5	41	17.143	944380000	1003800000	885360000	703430000	1119700000	1165900000
sp Q9H1A POLR2J3	sp Q9H1A	3	2	2	2	24	13.092	39516000	46400000	60055000	64752000	46119000	37095000
sp P52565 ARHGDIAP	sp P52565	1	9	9	9	65	23.207	1.0332E+10	1.034E+10	1.2988E+10	10820000000	9948500000	1.157E+10
sp P52594 AGFG1	sp P52594	1	5	5	5	17	58.259	539860000	711380000	855680000	521850000	547260000	480130000
sp P52597 HNRNPF	sp P52597	1	17	15	15	58	45.671	4163900000	4273200000	4386300000	4461000000	4937800000	4873400000
sp P52655 GTF2A1	sp P52655	1	1	1	1	2.9	41.513	0	0	0	0	0	56785000
sp P52701 MSH6	sp P52701	1	21	21	21	23	152.78	1292000000	1189000000	1549400000	1386200000	1255900000	1371600000
sp P52732 KIF11	sp P52732	1	7	7	7	8.7	119.16	385830000	366470000	331720000	432520000	500270000	448360000
sp P52735 VAV2	sp P52735	1	8	8	8	13	101.29	169160000	129210000	206060000	185370000	185220000	253200000
sp P52756 RBM5	sp P52756	1	3	3	3	4.8	92.153	0	0	0	0	69214000	0
sp P52758 RIDA	sp P52758	1	1	1	1	12	14.494	0	0	0	0	0	111320000
sp P52788 SMS	sp P52788	1	14	14	14	56	41.268	1212600000	1525000000	1294200000	1331500000	1244800000	1063000000

sp P52789 HK2	sp P52789	2	16	12	12	22	102.38	535980000	563380000	475230000	673570000	894200000	706040000
sp P52815 MRPL12	sp P52815	1	6	6	6	40	21.348	1489700000	2787000000	1133000000	2183700000	2661800000	2655500000
sp P52888 THOP1	sp P52888	1	11	11	11	20	78.839	1181200000	900520000	1007300000	938130000	1024800000	831500000
sp P52895 AKR1C2	sp P52895	1	18	18	5	65	36.735	2.9256E+10	3.0178E+10	2.6721E+10	27855000000	25553000000	2.4395E+10
sp P52907 CAPZA1	sp P52907	1	12	12	10	66	32.922	6949200000	6159700000	8003200000	8647100000	8206600000	7951800000
sp P52943 CRIP2	sp P52943	1	9	9	9	48	22.492	2862900000	2810300000	2168400000	2248200000	2941300000	1910500000
sp P52948 NUP98	sp P52948	1	22	22	22	16	197.58	1539000000	1353800000	1474400000	1587200000	1307600000	1175300000
sp P53004 BLVRA	sp P53004	1	5	5	5	21	33.428	572920000	636740000	612700000	533590000	600900000	608200000
sp P53007 SLC25A1	sp P53007	1	4	4	4	15	34.012	339650000	465600000	448870000	275080000	340510000	332120000
sp P53041 PPP5C	sp P53041	1	8	8	8	23	56.878	825740000	694090000	769160000	732880000	804640000	969160000
sp P53350 PLK1	sp P53350	1	9	9	9	23	68.254	266100000	343560000	369230000	484850000	544220000	693200000
sp P53365 ARFIP2	sp P53365	1	3	3	3	8.8	37.855	0	0	0	0	182180000	0
sp P53367 ARFIP1	sp P53367	1	6	6	6	25	41.738	0	261360000	332330000	0	0	265720000
sp P53384 NUBP1	sp P53384	1	4	4	4	20	34.534	237590000	254010000	274110000	242200000	339880000	328390000
sp P53396 ACLY	sp P53396	1	49	49	49	50	120.84	2.415E+10	2.4083E+10	2.526E+10	23003000000	21585000000	2.0998E+10
sp P53582 METAP1	sp P53582	1	10	10	10	40	43.215	1003400000	829860000	1137600000	814410000	896520000	978060000
sp P53597 SUCLG1	sp P53597	1	5	5	5	20	36.249	904780000	603850000	911580000	1254700000	1616700000	1504900000
sp P53602 MVD	sp P53602	1	2	2	2	11	43.404	0	0	0	0	49373000	0
sp P53611 RABGGT	sp P53611	1	3	3	3	11	36.924	0	145100000	261670000	221210000	0	167910000
sp P53618 COPB1	sp P53618	1	24	24	24	38	107.14	4738400000	4471500000	4844600000	4654000000	4520900000	4989700000
sp P53621 COPA	sp P53621	1	53	53	53	54	138.34	7418600000	8834100000	7605400000	7845200000	8070400000	7367900000
sp P53634 CTSC	sp P53634	1	7	7	7	21	51.853	265690000	293880000	274650000	384050000	446930000	524050000
sp P53680 AP2S1	sp P53680	1	3	3	3	17	17.018	271870000	187950000	180940000	0	0	144070000
sp P53701 HCCS	sp P53701	1	13	13	13	59	30.601	1600500000	1180400000	1607400000	1471700000	1390200000	1057300000
sp P53801 PTTG1IP	sp P53801	1	2	2	2	14	20.324	541460000	0	209440000	882500000	388040000	217320000
sp P53985 SLC16A1	sp P53985	1	5	5	5	8	53.944	1407000000	759790000	701030000	1236300000	1018500000	888600000
sp P53990 IST1	sp P53990	1	6	6	6	19	39.75	229380000	225160000	216870000	243060000	190110000	152600000
sp P53992 SEC24C	sp P53992	1	15	15	15	20	118.32	1164500000	1001200000	1166500000	1284200000	1188500000	1101600000
sp P53999 SUB1	sp P53999	1	7	7	7	60	14.395	1.1036E+10	1.0301E+10	8775200000	9093100000	11414000000	1.031E+10
sp P54105 CLNS1A	sp P54105	1	5	5	5	41	26.215	594310000	839500000	875330000	666940000	567720000	798110000
sp P54136 RARS	sp P54136	1	29	29	29	51	75.378	5308900000	5163300000	5556800000	5250300000	5142200000	5046400000
sp P54289 CACNA2D	sp P54289	2	5	5	5	6.6	124.57	108610000	107580000	85393000	74775000	149030000	124380000
sp P54577 YARS	sp P54577	1	30	30	30	57	59.143	6744800000	7647900000	6445800000	7800800000	7551000000	8708400000
sp P54578 USP14	sp P54578	1	20	20	20	52	56.068	3363300000	3500800000	2975800000	3077200000	3192800000	3006000000
sp P54619 PRKAG1	sp P54619	1	2	2	1	8.5	37.579	131440000	91045000	106410000	72912000	85178000	0
sp P54687 BCAT1	sp P54687	1	2	2	2	8.5	42.966	0	0	43566000	52838000	53458000	0
sp P54709 ATP1B3	sp P54709	1	10	10	10	42	31.512	1069900000	1017500000	1193000000	1184200000	1226000000	1174400000
sp P54725 RAD23A	sp P54725	1	12	10	10	57	39.609	1380500000	1385400000	1243700000	982450000	993380000	1528700000
sp P54727 RAD23B	sp P54727	1	13	13	11	53	43.171	3500900000	3688700000	3302900000	2996900000	2770200000	3247200000

sp P54819 AK2	sp P54819	1	10	10	10	56	26.477	4345600000	3526800000	3598100000	3371900000	3326600000	3666900000
sp P54852 EMP3	sp P54852	1	1	1	1	8.6	18.429	0	0	0	0	0	136210000
sp P54886 ALDH18A	sp P54886	1	27	27	27	42	87.301	3199100000	2632600000	2832200000	3080700000	2822600000	2914100000
sp P54920 NAPA	sp P54920	2	12	12	12	54	33.232	2183000000	1955700000	1523600000	2115500000	2620500000	2383900000
sp P55010 EIF5	sp P55010	1	8	8	8	19	49.222	1729200000	1852600000	1838700000	1494400000	1637000000	1788400000
sp P55011 SLC12A2	sp P55011	1	4	4	4	6.8	131.45	118390000	99761000	110720000	0	158050000	105660000
sp P55036 PSMD4	sp P55036	1	10	10	9	40	40.736	1706700000	1560800000	1566200000	1536600000	1927800000	1641400000
sp P55039 DRG2	sp P55039	1	10	10	10	35	40.746	308850000	516380000	471520000	632350000	434190000	392680000
sp P55060 CSE1L	sp P55060	1	33	33	33	39	110.42	1.5776E+10	1.4539E+10	1.4296E+10	14722000000	12812000000	1.4364E+10
sp P55072 VCP	sp P55072	1	47	47	47	71	89.321	4.317E+10	4.3019E+10	4.2441E+10	39421000000	40680000000	3.6273E+10
sp P55081 MFAP1	sp P55081	1	3	3	3	11	51.958	206990000	0	288490000	176920000	198820000	239740000
sp P55084 HADHB	sp P55084	1	17	17	17	41	51.294	2077100000	2302100000	2028300000	2526300000	2731100000	2351000000
sp P55145 MANF	sp P55145	1	8	8	8	35	20.7	1594900000	1533200000	1533100000	1867600000	2903500000	1586300000
sp P55196 AFDN	sp P55196	1	3	3	3	2.4	206.8	0	0	0	0	0	1029400000
sp P55209 NAP1L1	sp P55209	1	11	10	10	39	45.374	5344700000	5305500000	5952000000	6192600000	6805800000	6313100000
sp P55211 CASP9	sp P55211	1	1	1	1	7.7	46.28	0	0	0	0	29482000	0
sp P55212 CASP6	sp P55212	1	1	1	1	3.8	33.31	0	0	0	0	0	8147600
sp P55263 ADK	sp P55263	1	9	9	9	27	40.545	1210400000	1019500000	1227000000	1190000000	1085000000	1118200000
sp P55265 ADAR	sp P55265	1	24	24	24	30	136.06	2063600000	1669000000	2352700000	2106900000	2007900000	2268400000
sp P55290 CDH13	sp P55290	1	1	1	1	2	78.286	0	0	0	0	0	67919000
sp P55327 TPD52	sp P55327	1	9	9	9	58	24.327	1879800000	2168500000	2390800000	1739600000	2003000000	2081000000
sp P55735 SEC13	sp P55735	1	9	9	9	45	35.54	2998700000	2840900000	2752300000	2486700000	3261200000	2625500000
sp P55769 SNU13	sp P55769	1	7	7	7	53	14.173	1736100000	1914800000	1974800000	1785200000	1909500000	2243500000
sp P55786 NPEPPS	sp P55786	2	34	34	34	48	103.28	4964600000	5468600000	4929800000	4995900000	4682500000	4456100000
sp P55795 HNRNPH2	sp P55795	1	11	6	6	37	49.263	1387800000	1426700000	1410400000	1790000000	1967300000	1634500000
sp P55809 OXCT1	sp P55809	2	17	17	17	41	56.157	7003300000	6614100000	7772500000	7526400000	8428000000	8513200000
sp P55854 SUMO3	sp P55854	2	2	2	1	20	11.637	826140000	0	1442400000	0	0	1963600000
sp P55884 EIF3B	sp P55884	1	29	29	29	47	92.48	7799300000	8013400000	7951200000	8369900000	7605000000	8763500000
sp P55957 BID	sp P55957	1	2	2	2	20	21.994	290080000	352060000	242920000	207930000	231810000	313120000
sp P56134 ATP5J2	sp P56134	1	3	3	3	39	10.918	539930000	618190000	626760000	552130000	573200000	522660000
sp P56182 RRP1	sp P56182	1	12	12	12	30	52.839	799020000	1069700000	913460000	981070000	967120000	898270000
sp P56192 MARS	sp P56192	1	27	27	27	43	101.11	3979900000	4009300000	3796900000	4352600000	4095500000	3853200000
sp P56211 ARPP19	sp P56211	1	5	4	4	57	12.323	179220000	159950000	0	253300000	0	105320000
sp P56270 MAZ	sp P56270	1	2	2	2	6.7	48.607	164350000	139760000	161320000	231440000	165930000	189440000
sp Q5VTU ATP5EP2	sp Q5VTU	2	2	2	2	29	5.8068	836280000	565410000	609630000	920620000	161370000	1054800000
sp P56385 ATP5ME	sp P56385	1	4	4	4	42	7.9331	876740000	1064900000	790580000	1057500000	1200900000	1019100000
sp P56537 EIF6	sp P56537	1	8	8	8	57	26.599	4176500000	4812800000	4696400000	4745600000	5503900000	5377700000
sp P56545 CTBP2	sp P56545	1	10	10	6	25	48.944	1270400000	1755700000	1653400000	1234000000	1722800000	1435300000
sp P56556 NDUFA6	sp P56556	1	2	2	2	15	15.136	179440000	210030000	160910000	177640000	167180000	172150000

sp P56589 PEX3	sp P56589	1	2	2	2	9.7	42.139	32779000	24866000	0	0	22189000	24014000
sp P56945 BCAR1	sp P56945	1	6	6	6	11	93.371	141560000	0	113170000	0	0	97232000
sp P57076 CFAP298	sp P57076	1	2	2	2	14	33.224	0	0	0	0	61503000	0
sp P57081 WDR4	sp P57081	1	2	2	2	8	45.489	0	0	166650000	198440000	108630000	135840000
sp P57088 TMEM33	sp P57088	1	5	5	5	19	27.978	818710000	1099200000	944420000	1094800000	1048500000	984400000
sp P57678 GEMIN4	sp P57678	1	9	9	9	14	120.04	283060000	470350000	321990000	319040000	303320000	323050000
sp P57740 NUP107	sp P57740	1	11	11	11	19	106.37	512760000	407960000	542360000	487440000	725410000	521220000
sp P57772 EEFSEC	sp P57772	1	1	1	1	2.2	65.304	0	0	0	0	83028000	0
sp P58107 EPPK1	sp P58107	1	93	85	85	52	555.65	1.2122E+10	1.2203E+10	1.1758E+10	13131000000	13018000000	1.3608E+10
sp P58546 MTPN	sp P58546	1	5	5	5	58	12.895	1908800000	2420100000	2200200000	1794900000	2195600000	2197500000
sp P59998 ARPC4	sp P59998	1	5	5	5	36	19.667	2747500000	2442100000	2393400000	2216900000	2070600000	2710900000
sp P60002 ELOF1	sp P60002	1	1	1	1	22	9.4618	0	113780000	0	0	180750000	0
sp P60033 CD81	sp P60033	1	3	3	3	25	25.809	311350000	341470000	0	177260000	0	284100000
sp P60059 SEC61G	sp P60059	1	2	2	2	37	7.7412	710120000	380960000	335730000	1021300000	1128100000	1086400000
sp P60174 TPI1	sp P60174	1	18	18	18	74	30.791	6.0919E+10	6.1797E+10	6.5101E+10	61314000000	64455000000	6.8415E+10
sp P60228 EIF3E	sp P60228	1	18	18	18	44	52.22	3877800000	3505200000	3865100000	3274500000	3935500000	3861600000
sp P60468 SEC61B	sp P60468	1	3	3	3	38	9.9743	2155300000	1604100000	1449300000	1916000000	1736300000	2364500000
sp P60510 PPP4C	sp P60510	1	4	3	3	21	35.08	251890000	266260000	224770000	258960000	254720000	214980000
sp P60602 ROMO1	sp P60602	1	1	1	1	22	8.1828	0	0	0	0	0	482150000
sp P60604 UBE2G2	sp P60604	1	2	2	2	22	18.566	0	168130000	177290000	161000000	213330000	0
sp P60660 MYL6	sp P60660	1	8	8	6	56	16.93	1.6941E+10	1.7356E+10	1.4107E+10	14291000000	18151000000	1.4657E+10
sp P60709 ACTB	sp P60709	2	24	1	1	77	41.736	0	0	0	0	8390700000	0
sp P60842 EIF4A1	sp P60842	1	26	26	14	72	46.153	4.1585E+10	3.7143E+10	4.5889E+10	42068000000	41957000000	4.5046E+10
sp P60866 RPS20	sp P60866	1	3	3	3	25	13.373	6568700000	7868200000	6843300000	5980000000	7279900000	8539200000
sp P60891 PRPS1	sp P60891	1	13	13	4	44	34.834	3338600000	3619400000	3320000000	3607200000	3141600000	3291700000
sp P60900 PSMA6	sp P60900	1	13	13	13	59	27.399	6760000000	5409500000	6393300000	5665400000	6382100000	6699000000
sp P60903 S100A10	sp P60903	1	4	4	4	36	11.203	9380300000	5107000000	4583100000	6254500000	7660400000	6784600000
sp P60953 CDC42	sp P60953	3	8	7	7	48	21.258	4029500000	5337300000	4256900000	4363300000	4271200000	4059400000
sp P60981 DSTN	sp P60981	1	14	13	13	69	18.506	7519800000	6181600000	6539900000	5503300000	5393300000	5815900000
sp P60983 GMFB	sp P60983	2	5	5	5	49	16.713	519720000	627040000	554340000	569570000	627210000	634780000
sp P61006 RAB8A	sp P61006	4	9	7	5	37	23.668	971810000	828610000	986070000	736110000	845580000	830860000
sp P61009 SPCS3	sp P61009	1	3	3	3	18	20.313	319910000	384670000	292220000	350530000	440130000	541640000
sp P61011 SRP54	sp P61011	1	15	15	15	38	55.704	1018300000	980060000	1044000000	1136500000	1114800000	886430000
sp P61019 RAB2A	sp P61019	1	12	12	7	59	23.545	2473100000	2451400000	2252400000	2146500000	1968700000	2232000000
sp P61020 RAB5B	sp P61020	1	6	3	3	33	23.707	249860000	221560000	0	247550000	262250000	208510000
sp P61024 CKS1B	sp P61024	1	2	2	2	33	9.6601	372180000	386560000	269160000	458920000	476380000	355620000
sp P61026 RAB10	sp P61026	1	11	11	10	45	22.541	3735000000	5148500000	4123100000	3599800000	4266600000	4975200000
sp P61073 CXCR4	sp P61073	1	3	3	3	11	39.745	170010000	0	168340000	198500000	144860000	0
sp P61077 UBE2D3	sp P61077	2	3	3	3	29	16.687	742990000	607590000	2131400000	1294900000	1041400000	838620000

sp P61081 UBE2M	sp P61081	1	7	7	7	42	20.9	1612400000	1844300000	1260200000	1786700000	2194300000	2244300000
sp P61086 UBE2K	sp P61086	1	9	9	9	50	22.406	1515800000	1478700000	1532900000	1277900000	1444400000	1402900000
sp P61088 UBE2N	sp P61088	2	7	7	7	52	17.138	3670500000	3410900000	4160700000	3369600000	3005200000	3607200000
sp P61106 RAB14	sp P61106	1	14	14	14	73	23.897	4988700000	5029900000	5437900000	5108100000	5089000000	6117300000
sp P61158 ACTR3	sp P61158	3	21	21	21	60	47.371	8464400000	8021200000	9136400000	8474800000	8308400000	9012200000
sp P61160 ACTR2	sp P61160	1	10	10	10	29	44.76	4741900000	5640000000	5185200000	4254600000	4002400000	5707900000
sp P61163 ACTR1A	sp P61163	1	10	10	5	33	42.613	1407000000	1275800000	1261900000	1476300000	1484400000	1240500000
sp P61165 TMEM258	sp P61165	1	1	1	1	10	9.0788	184270000	194190000	162460000	194250000	0	209750000
sp P61201 COPS2	sp P61201	1	15	15	15	42	51.596	1509200000	1296600000	1379300000	1287900000	1434900000	1333400000
sp P84077 ARF1	sp P84077	2	10	6	5	59	20.697	2593500000	4005200000	3152700000	3568600000	3077000000	3052000000
sp P61221 ABCE1	sp P61221	1	19	19	19	41	67.314	4052300000	3578200000	3700600000	3483800000	3149700000	3885700000
sp P61224 RAP1B	sp P61224	2	9	9	5	52	20.825	1956300000	2608500000	3366100000	3207700000	2818600000	2582200000
sp P61225 RAP2B	sp P61225	1	5	3	3	40	20.504	62561000	109610000	82498000	67249000	94629000	106480000
sp P61247 RPS3A	sp P61247	1	16	16	16	57	29.945	1.9523E+10	1.8443E+10	1.9257E+10	22757000000	25360000000	2.1682E+10
sp P61254 RPL26	sp P61254	1	9	9	2	45	17.258	1.1682E+10	1.1293E+10	1.1751E+10	11707000000	13566000000	1.2563E+10
sp P61289 PSME3	sp P61289	1	12	12	12	56	29.506	2950200000	2832200000	2635600000	2649800000	2959200000	2932100000
sp P61313 RPL15	sp P61313	1	10	10	10	40	24.146	1.0722E+10	1.1382E+10	1.0537E+10	11610000000	12260000000	1.3771E+10
sp P61326 MAGOH	sp P61326	1	4	1	1	31	17.163	106550000	114800000	109690000	126580000	184540000	155630000
sp P61353 RPL27	sp P61353	1	5	5	5	43	15.798	1.0451E+10	1.0384E+10	1.305E+10	8705000000	11897000000	1.1354E+10
sp P61421 ATP6V0D	sp P61421	1	7	7	7	29	40.329	636840000	917800000	634200000	923130000	617420000	596460000
sp P61457 PCBD1	sp P61457	1	3	3	3	36	11.999	0	0	282950000	236570000	0	152780000
sp P61513 RPL37A	sp P61513	2	4	4	4	50	10.275	2483300000	1524300000	2392700000	3013400000	2184900000	2438000000
sp P61586 RHOA	sp P61586	1	9	9	4	51	21.768	4685800000	4202900000	4470900000	4003400000	4308400000	4624800000
sp P61587 RND3	sp P61587	1	1	1	1	5.7	27.368	0	0	0	0	0	60259000
sp P61599 NAA20	sp P61599	1	1	1	1	6.2	20.368	0	0	0	0	17996000	0
sp P61604 HSPE1	sp P61604	1	10	10	10	70	10.932	2.1732E+10	2.4509E+10	2.0763E+10	20996000000	21482000000	2.4162E+10
sp P61619 SEC61A1	sp P61619	2	8	8	8	16	52.264	2093000000	2074400000	1664300000	1982600000	1938200000	2098400000
sp P61758 VBP1	sp P61758	1	9	9	9	49	22.658	999560000	956980000	1195100000	1114000000	1332000000	1040800000
sp P61764 STXBP1	sp P61764	1	9	9	9	20	67.568	279260000	384280000	313990000	287450000	331280000	284280000
sp P61769 B2M	sp P61769	1	3	3	3	35	13.714	2975600000	2778500000	3650800000	2766200000	2849400000	1437000000
sp P61803 DAD1	sp P61803	1	4	4	4	35	12.497	1363500000	1471100000	1199000000	1889900000	1795600000	1504900000
sp P61916 NPC2	sp P61916	1	2	2	2	21	16.57	130410000	202110000	135670000	171940000	0	204370000
sp P61923 COPZ1	sp P61923	1	4	4	4	33	20.198	939280000	1200800000	976650000	886510000	1363100000	765380000
sp P61956 SUMO2	sp P61956	1	2	1	1	23	10.871	0	0	0	0	0	1578600000
sp P61960 UFM1	sp P61960	1	3	3	3	59	9.1175	686450000	720050000	702010000	747580000	841210000	646090000
sp P61962 DCAF7	sp P61962	1	2	2	2	6.7	38.926	0	0	0	0	0	82367000
sp P61964 WDR5	sp P61964	1	6	6	6	25	36.588	576900000	498870000	563880000	489930000	600130000	559550000
sp P61966 AP1S1	sp P61966	1	3	3	2	21	18.733	161230000	129790000	159290000	147270000	159520000	141940000
sp P61970 NUTF2	sp P61970	1	6	6	6	75	14.478	1817200000	1586100000	1911500000	1329300000	1982100000	1508700000

sp P61978 HNRNPK	sp P61978	1	22	22	22	59	50.976	4.3873E+10	3.8136E+10	4.1403E+10	43797000000	40864000000	4.0947E+10
sp P61987 YWHAG	sp P61987	1	13	10	10	60	28.302	1.0082E+10	1.0815E+10	1.0879E+10	10319000000	10482000000	1.1413E+10
sp P62070 RRAS2	sp P62070	1	3	3	2	20	23.399	261080000	188280000	226950000	276270000	326950000	379280000
sp P62072 TIMM10	sp P62072	1	1	1	1	14	10.333	0	0	0	0	0	88787000
sp P62081 RPS7	sp P62081	1	10	10	10	63	22.127	1.0865E+10	1.2382E+10	1.0487E+10	11558000000	10675000000	1.1845E+10
sp P62136 PPP1CA	sp P62136	1	17	17	6	62	37.512	6913900000	7349700000	6792700000	6631300000	7340100000	5562700000
sp P62140 PPP1CB	sp P62140	1	16	6	6	60	37.186	1486500000	1440300000	968580000	1035600000	1036500000	1498700000
sp P62166 NCS1	sp P62166	1	2	2	2	14	21.878	24567000	45622000	0	0	56620000	0
sp P62197 PSMC1	sp P62197	1	20	20	20	56	49.184	2985600000	3746100000	3049000000	2695000000	3147200000	3516200000
sp P62195 PSMC5	sp P62195	1	24	24	23	62	45.626	3373600000	3697100000	3465600000	3373300000	3462200000	3952100000
sp P62247 RPS8	sp P62247	1	10	10	10	50	24.205	1.58E+10	1.5116E+10	1.5498E+10	16745000000	14572000000	1.6385E+10
sp P62244 RPS15A	sp P62244	1	6	6	6	42	14.839	6311300000	7099600000	6666200000	6004600000	5696500000	4610300000
sp P62249 RPS16	sp P62249	1	10	10	10	54	16.445	1.0735E+10	9555800000	9950900000	10253000000	12303000000	1.0767E+10
sp P62253 UBE2G1	sp P62253	1	3	3	3	24	19.509	159130000	153290000	90803000	88652000	157300000	91356000
sp P62256 UBE2H	sp P62256	1	5	5	5	31	20.655	502660000	773160000	540810000	758830000	584460000	642390000
sp P62258 YWHAE	sp P62258	1	20	20	18	73	29.174	4.3429E+10	4.5376E+10	4.6188E+10	38810000000	46200000000	3.8586E+10
sp P62263 RPS14	sp P62263	1	6	6	6	38	16.273	1.4284E+10	1.3751E+10	1.6034E+10	16320000000	15757000000	1.5319E+10
sp P62266 RPS23	sp P62266	1	6	6	6	48	15.807	6006600000	6313400000	6711600000	6208100000	6920800000	5011400000
sp P62269 RPS18	sp P62269	1	10	10	10	50	17.718	1.4756E+10	1.578E+10	1.4473E+10	15965000000	15452000000	1.2791E+10
sp P62273 RPS29	sp P62273	1	4	4	4	48	6.6767	2076400000	2088100000	2550600000	2231600000	2455400000	1105800000
sp P62277 RPS13	sp P62277	1	10	10	10	57	17.222	7059800000	6722100000	8138900000	7693100000	7158400000	7084400000
sp P62280 RPS11	sp P62280	1	13	13	13	61	18.431	1.3892E+10	1.2582E+10	1.4698E+10	12316000000	13708000000	1.4497E+10
sp P62304 SNRPE	sp P62304	1	3	3	3	52	10.803	943720000	1078400000	911230000	1428700000	1042800000	459070000
sp P62306 SNRPF	sp P62306	1	2	2	2	24	9.7251	986430000	700980000	924470000	903590000	977750000	971630000
sp P62310 LSM3	sp P62310	1	3	3	3	40	11.845	474930000	495870000	540830000	373250000	476520000	365740000
sp P62312 LSM6	sp P62312	1	2	2	2	20	9.1275	103530000	165860000	121780000	0	0	140340000
sp P62314 SNRPD1	sp P62314	1	5	5	5	55	13.281	2709400000	2547600000	2030600000	2853400000	3340500000	1236600000
sp P62316 SNRPD2	sp P62316	1	9	9	9	68	13.527	4841700000	4954800000	4060200000	4234600000	4080100000	4450000000
sp P62318 SNRPD3	sp P62318	1	5	5	5	53	13.916	5542300000	5650400000	3688200000	5461100000	6253400000	5093200000
sp P62328 TMSB4X	sp P62328	1	3	3	3	61	5.0526	7391200000	1.1112E+10	7958500000	6865200000	11891000000	1.2451E+10
sp P62330 ARF6	sp P62330	1	4	4	4	42	20.082	605270000	583550000	616660000	572480000	837910000	555470000
sp P62333 PSMC6	sp P62333	1	19	19	19	59	44.172	4912800000	4274700000	4054800000	4288500000	3622400000	3683900000
sp P62347 SELENO1	sp P62347	1	1	1	1	6.7	22.324	0	0	0	0	0	81364000
sp P62380 TBPL1	sp P62380	1	1	1	1	10	20.886	0	0	0	0	0	70557000
sp P62424 RPL7A	sp P62424	1	17	17	17	45	29.995	2.0922E+10	2.1169E+10	1.873E+10	18758000000	21877000000	2.1432E+10
sp P62495 ETF1	sp P62495	1	17	17	17	46	49.03	4072900000	4792300000	4502900000	4080400000	4123500000	4192200000
sp P62633 CNBP	sp P62633	1	7	7	7	48	19.463	4248600000	5170600000	4261000000	4045600000	5299200000	4013500000
sp P62707 RPS4X	sp P62707	3	17	17	17	59	29.597	1.5438E+10	1.7146E+10	1.4746E+10	17161000000	17509000000	1.7955E+10
sp P62745 RHOB	sp P62745	1	3	2	2	20	22.123	0	0	0	72837000	0	0

sp P62750	RPL23A	sp P62750	2	9	9	9	39	17.695	1.053E+10	1.2696E+10	1.0414E+10	11108000000	13349000000	1.1626E+10
sp P62753	RPS6	sp P62753	1	7	7	7	29	28.68	6551400000	1.0523E+10	7535800000	7476300000	8610800000	9898300000
sp P62805	HIST1H4A	sp P62805	1	11	11	11	60	11.367	1.6528E+11	1.118E+11	1.96E+11	1.8663E+11	2.1603E+11	1.924E+11
sp P62820	RAB1A	sp P62820	1	10	5	5	54	22.677	1533900000	1605300000	1770000000	1832700000	1953600000	1885100000
sp P62826	RAN	sp P62826	1	12	12	12	57	24.423	2.2022E+10	1.9252E+10	2.5163E+10	20972000000	18342000000	2.1106E+10
sp P62829	RPL23	sp P62829	1	7	7	7	62	14.865	1.2925E+10	1.1562E+10	1.1278E+10	12597000000	13662000000	1.184E+10
sp P62834	RAP1A	sp P62834	1	7	3	3	45	20.987	171250000	0	183160000	201210000	289950000	242610000
sp P62841	RPS15	sp P62841	1	3	3	3	22	17.04	1608600000	2351900000	2251300000	1604800000	1551000000	1510100000
sp P62847	RPS24	sp P62847	1	4	4	4	26	15.423	2653500000	3370600000	2483000000	2766100000	4136200000	3340800000
sp P62851	RPS25	sp P62851	1	5	5	5	30	13.742	6159300000	7139900000	5301200000	5654300000	7876000000	7442600000
sp P62854	RPS26	sp P62854	2	3	3	3	31	13.015	4246200000	3759200000	3383900000	3993000000	5111500000	2593000000
sp P62857	RPS28	sp P62857	1	2	2	2	30	7.8409	3221200000	4389000000	3660800000	3937600000	4721200000	4424300000
sp P62861	FAU	sp P62861	1	1	1	1	17	6.6478	0	0	0	0	0	1676000000
sp P62873	GNB1	sp P62873	1	13	13	8	58	37.377	3089800000	2892500000	2637300000	2609900000	2761600000	2717600000
sp P62877	RBX1	sp P62877	1	2	2	2	24	12.274	0	516070000	0	0	480030000	0
sp P62879	GNB2	sp P62879	1	12	8	5	45	37.331	1623500000	2139700000	1993600000	1207300000	1391300000	1399600000
sp P62888	RPL30	sp P62888	1	7	7	7	67	12.784	1.1512E+10	1.1591E+10	1.4024E+10	11210000000	12568000000	1.368E+10
sp Q59GN	RPL39P5	sp Q59GN	2	1	1	1	20	6.3225	0	0	0	0	0	147470000
sp P62899	RPL31	sp P62899	1	5	5	5	37	14.463	5391100000	5851700000	6023000000	5472700000	4954200000	4905900000
sp P62906	RPL10A	sp P62906	1	9	9	9	39	24.831	1.2891E+10	1.1658E+10	1.4096E+10	11657000000	13390000000	1.2335E+10
sp P62910	RPL32	sp P62910	1	7	7	7	53	15.86	5528700000	4347800000	6200500000	5245800000	5076200000	5204500000
sp P62913	RPL11	sp P62913	1	8	8	8	46	20.252	9182700000	1.0614E+10	9142300000	10443000000	10863000000	9525600000
sp P62917	RPL8	sp P62917	1	12	12	12	55	28.024	1.2941E+10	1.2483E+10	1.1295E+10	12277000000	12723000000	1.5852E+10
sp P62937	PPIA	sp P62937	1	12	12	10	70	18.012	6.4379E+10	7.9933E+10	7.6037E+10	78488000000	76169000000	6.7106E+10
sp P62942	FKBP1A	sp P62942	1	6	6	6	42	11.951	2211600000	1946700000	2592500000	2033600000	2223700000	2082700000
sp P62979	RPS27A	sp P62979	4	8	8	8	51	17.965	4.1625E+10	4.0177E+10	3.5724E+10	44417000000	46107000000	5.5279E+10
sp P62993	GRB2	sp P62993	1	7	7	7	45	25.206	373770000	340950000	531010000	472260000	614790000	428620000
sp P62995	TRA2B	sp P62995	1	7	7	6	30	33.665	1221600000	1034700000	1166300000	1326200000	1476000000	1366800000
sp P63000	RAC1	sp P63000	2	8	7	4	44	21.45	2916200000	2801900000	2467500000	2325400000	2274100000	2227900000
sp P63010	AP2B1	sp P63010	1	27	27	17	42	104.55	3937100000	4220000000	3722800000	4143200000	4350300000	3860100000
sp P63092	GNAS	sp P63092	3	9	8	8	34	45.664	666070000	565650000	465340000	612090000	596460000	565700000
sp P63096	GNAI1	sp P63096	5	10	5	5	40	40.361	331510000	343920000	278590000	320870000	374060000	364440000
sp P63098	PPP3R1	sp P63098	1	5	5	5	49	19.3	118510000	187470000	156400000	99870000	118790000	115790000
sp P63104	YWHAZ	sp P63104	1	17	15	13	70	27.745	4.5409E+10	4.1377E+10	4.1346E+10	45431000000	52732000000	4.3723E+10
sp P63151	PPP2R2A	sp P63151	4	12	12	12	36	51.691	1184300000	1238100000	1549000000	1427000000	1140600000	1193600000
sp P63165	SUMO1	sp P63165	1	4	4	4	43	11.557	798910000	637300000	962700000	782590000	967190000	565770000
sp P63167	DYNLL1	sp P63167	1	4	4	2	57	10.366	2127800000	3084500000	2011200000	2024000000	2385800000	3084900000
sp P63172	DYNLT1	sp P63172	1	3	3	3	50	12.452	77058000	0	250510000	285150000	385130000	294610000
sp P63173	RPL38	sp P63173	1	6	6	6	50	8.2178	2265100000	2583700000	1857500000	2232300000	1888100000	1954700000

sp P63208 SKP1	sp P63208	1	10	10	10	62	18.658	3271100000	2750800000	3097200000	2917100000	3406300000	3061300000
sp P63218 GNG5	sp P63218	1	2	2	2	53	7.3184	651020000	448540000	0	499180000	0	0
sp P63220 RPS21	sp P63220	1	5	5	5	59	9.1113	3960500000	3138300000	3261400000	3641200000	5608500000	4065400000
sp P63241 EIF5A	sp P63241	3	14	14	14	88	16.832	2.0551E+10	2.7881E+10	2.6782E+10	23835000000	29832000000	2.6463E+10
sp P63244 RACK1	sp P63244	1	19	19	19	75	35.076	2.9095E+10	2.3788E+10	2.2997E+10	23137000000	21900000000	2.2763E+10
sp P63261 ACTG1	sp P63261	1	25	25	2	77	41.792	4.7639E+11	4.798E+11	4.5833E+11	4.9364E+11	4.5277E+11	4.5344E+11
sp P63272 SUPT4H1	sp P63272	1	3	3	3	26	13.193	192240000	0	0	176720000	373510000	0
sp P63279 UBE2I	sp P63279	1	8	8	8	59	18.007	2449200000	3200900000	2509800000	2114600000	2676200000	2315800000
sp P63313 TMSB10	sp P63313	1	1	1	1	32	5.0256	0	0	0	0	0	3396000000
sp P67775 PPP2CA	sp P67775	2	11	11	10	52	35.594	3971300000	3846000000	3828800000	3951000000	4030800000	4174900000
sp P67809 YBX1	sp P67809	2	14	14	10	66	35.924	1.445E+10	1.2048E+10	1.1093E+10	12220000000	12837000000	1.4205E+10
sp P67812 SEC11A	sp P67812	1	4	4	4	20	20.625	277620000	460360000	310040000	408390000	313390000	370820000
sp P67870 CSNK2B	sp P67870	1	7	7	7	41	24.942	1618300000	1923400000	1732000000	1518000000	1866800000	1729100000
sp P67936 TPM4	sp P67936	2	17	17	9	51	28.521	2.9632E+10	2.5656E+10	2.8136E+10	22862000000	26765000000	2.6199E+10
sp P68032 ACTC1	sp P68032	4	20	7	7	68	42.019	5.663E+10	8.4529E+10	7.2001E+10	62548000000	72128000000	5.3062E+10
sp P68036 UBE2L3	sp P68036	2	9	9	9	70	17.861	2151700000	2321400000	3038300000	2704800000	2479600000	3282300000
sp P68104 EEF1A1	sp P68104	2	29	29	18	70	50.14	1.27E+11	1.4078E+11	1.4961E+11	1.3089E+11	1.0613E+11	1.2766E+11
sp P68363 TUBA1B	sp P68363	1	20	4	0	61	50.151	1.9071E+10	1.62E+10	1.3236E+10	16111000000	10682000000	1.2465E+10
sp P68366 TUBA4A	sp P68366	1	19	4	4	57	49.924	5411900000	6344400000	6436400000	8933300000	5445600000	6588900000
sp P68371 TUBB4B	sp P68371	1	23	23	1	74	49.83	1.0327E+11	1.0727E+11	1.1066E+11	97510000000	90013000000	9.3756E+10
sp P68400 CSNK2A1	sp P68400	2	14	14	14	54	45.143	1097700000	1081500000	1017800000	850300000	843900000	1033500000
sp P68402 PAFAH1B	sp P68402	1	3	3	3	22	25.569	402090000	401630000	500340000	385060000	238620000	268300000
sp P68431 HIST1H3A	sp P68431	3	5	5	1	46	15.404	3.2676E+10	5.6493E+10	4.7194E+10	52270000000	56705000000	5.8558E+10
sp P78310 CXADR	sp P78310	1	2	2	2	9.3	40.029	102630000	121550000	206050000	239470000	81384000	72007000
sp P78316 NOP14	sp P78316	1	9	9	9	14	97.667	377800000	470820000	516850000	0	0	368930000
sp P78318 IGBP1	sp P78318	1	8	8	8	31	39.221	299750000	162340000	391660000	242360000	280040000	222010000
sp P78330 PSPH	sp P78330	1	7	7	7	33	25.007	1359100000	1339900000	1214200000	1289300000	1372100000	1213400000
sp P78344 EIF4G2	sp P78344	1	27	27	27	35	102.36	3906800000	3649700000	3719000000	4524300000	3715200000	4389700000
sp P78346 RPP30	sp P78346	1	8	8	8	43	29.321	690840000	572870000	546580000	557840000	592160000	576780000
sp P78347 GTF2I	sp P78347	3	24	24	24	32	112.42	3208900000	3111800000	2906700000	2726600000	2861000000	2837900000
sp P78357 CNTNAP1	sp P78357	1	2	2	2	2.8	156.26	0	0	0	0	0	104930000
sp P78362 SRPK2	sp P78362	1	4	3	3	9.4	77.526	0	0	0	0	58913000	0
sp P78371 CCT2	sp P78371	1	34	34	34	71	57.488	2.1415E+10	2.6209E+10	2.0747E+10	21275000000	20974000000	2.1106E+10
sp P78381 SLC35A2	sp P78381	1	3	3	3	19	41.307	0	0	0	112130000	0	0
sp P78406 RAE1	sp P78406	1	12	12	12	56	40.968	960750000	1004100000	863240000	1205300000	1173500000	945040000
sp P78417 GSTO1	sp P78417	1	14	14	14	60	27.566	2569300000	3523000000	2982200000	2435700000	2733400000	2978600000
sp P78527 PRKDC	sp P78527	1	##	135	##	37	469.08	2.6474E+10	2.6105E+10	2.6624E+10	25656000000	25089000000	2.6518E+10
sp P78537 BLOC1S1	sp P78537	1	3	3	3	21	17.262	0	31122000	0	0	0	0
sp P80217 IFI35	sp P80217	1	2	2	2	8.7	31.546	65602000	59215000	68341000	80467000	81043000	85936000

sp P80297 MT1X	sp P80297	1	3	1	1	54	6.0683	0	0	0	0	0	0
sp P80303 NUCB2	sp P80303	1	6	6	6	18	50.222	325040000	327600000	345320000	425990000	408110000	378240000
sp P80723 BASP1	sp P80723	1	15	15	15	85	22.693	6.122E+10	5.717E+10	5.1724E+10	53602000000	55916000000	5.3041E+10
sp P82094 TMF1	sp P82094	1	2	2	2	2.3	122.84	0	0	0	0	0	48908000
sp P82650 MRPS22	sp P82650	1	7	7	7	26	41.28	303760000	272610000	212030000	277740000	255620000	241670000
sp P82663 MRPS25	sp P82663	1	1	1	1	12	20.116	0	0	0	0	0	43485000
sp P82664 MRPS10	sp P82664	1	1	1	1	9	22.999	165600000	92445000	0	165220000	156680000	0
sp P82673 MRPS35	sp P82673	1	6	6	6	30	36.844	289900000	240130000	261180000	256570000	245390000	175050000
sp P82675 MRPS5	sp P82675	1	5	5	5	12	48.006	166040000	201410000	240980000	198690000	263030000	0
sp P82909 MRPS36	sp P82909	1	5	5	5	69	11.466	195070000	347930000	0	102890000	196980000	152720000
sp P82912 MRPS11	sp P82912	1	1	1	1	15	20.616	0	0	0	0	0	75908000
sp P82921 MRPS21	sp P82921	1	1	1	1	16	10.688	0	0	0	0	0	42753000
sp P82930 MRPS34	sp P82930	1	6	6	6	43	25.65	336730000	411030000	283160000	256060000	338510000	339960000
sp P82932 MRPS6	sp P82932	1	3	3	3	23	14.226	209400000	198620000	198080000	187160000	0	199820000
sp P82933 MRPS9	sp P82933	1	9	9	9	31	45.834	562080000	555940000	465010000	429290000	439920000	495020000
sp P82970 HMG5	sp P82970	1	3	3	3	14	31.524	429730000	309820000	0	352930000	404600000	441150000
sp P82979 SARNP	sp P82979	1	8	8	8	42	23.671	399360000	279850000	384200000	352760000	327360000	384050000
sp P83436 COG7	sp P83436	1	4	4	4	6.8	86.343	0	0	0	0	177680000	0
sp P83731 RPL24	sp P83731	1	5	5	5	31	17.779	593900000	571700000	692130000	618440000	577560000	718790000
sp P83876 TXNL4A	sp P83876	1	5	5	5	38	16.786	491930000	0	0	0	412810000	0
sp P83916 CBX1	sp P83916	1	4	3	3	40	21.418	219160000	435160000	312670000	221710000	185060000	170500000
sp P84085 ARF5	sp P84085	1	8	3	3	53	20.529	592540000	619140000	738790000	626200000	657130000	874360000
sp P84090 ERH	sp P84090	1	4	4	4	44	12.259	409260000	353060000	403600000	400480000	496380000	446800000
sp P84095 RHOG	sp P84095	1	9	9	8	61	21.308	125740000	108860000	116780000	123670000	118800000	123860000
sp P84098 RPL19	sp P84098	1	7	7	7	27	23.466	637550000	743760000	680710000	568190000	703020000	652420000
sp P84101 SERF2	sp P84101	1	3	3	3	31	6.8998	694640000	225460000	298150000	227450000	229150000	200360000
sp P84103 SRSF3	sp P84103	1	7	7	6	35	19.329	311780000	288820000	328580000	304880000	373780000	404100000
sp P84243 H3F3A	sp P84243	1	5	1	1	46	15.328	0	0	0	0	0	26539000
sp P85037 FOCK1	sp P85037	2	2	2	2	1.9	75.456	145110000	112150000	146180000	135210000	105820000	131610000
sp P86791 CCZ1	sp P86791	2	1	1	1	3.5	55.866	0	0	0	0	0	45881000
sp P98082 DAB2	sp P98082	1	7	7	7	12	82.447	542880000	463970000	547870000	333450000	364090000	563360000
sp P98160 HSPG2	sp P98160	1	1	1	1	0.3	468.83	0	0	0	0	0	30187000
sp P98175 RBM10	sp P98175	1	11	11	11	14	103.53	283760000	290520000	283700000	260600000	362450000	283710000
sp P98179 RBM3	sp P98179	1	4	4	4	27	17.17	938500000	110450000	116960000	868440000	538980000	945850000
sp P98194 ATP2C1	sp P98194	1	5	5	5	9.2	100.58	0	208180000	0	0	194130000	209260000
sp P99999 CYCS	sp P99999	2	7	7	7	56	11.749	226630000	247310000	191430000	173920000	169040000	188060000
sp Q0005 TFAM	sp Q0005	1	7	7	7	27	29.096	331230000	323390000	339940000	398080000	653190000	403810000
sp Q0016 PITPNA	sp Q0016	1	6	5	5	34	31.806	275880000	209870000	290750000	248930000	248020000	175130000
sp Q0032 SLC25A3	sp Q0032	1	12	12	12	32	40.094	819150000	963530000	673420000	866850000	688310000	673040000

sp Q0034 HDLBP	sp Q0034	1	29	29	29	31	141.45	2847800000	3169500000	3139900000	3045000000	2903200000	2724400000
sp Q0040 GTF2B	sp Q0040	1	3	3	3	17	34.833	212630000	197610000	179060000	196910000	205780000	204080000
sp Q0053 CDK6	sp Q0053	1	10	10	10	38	36.938	829540000	623590000	648070000	584130000	494610000	527520000
sp Q0053 CDK5	sp Q0053	1	2	2	2	8.9	33.304	46523000	62835000	62323000	64265000	61741000	63787000
sp Q0057 PURA	sp Q0057	1	4	4	4	27	34.91	347050000	472520000	294170000	284350000	363270000	329590000
sp Q0058 CDC42EP	sp Q0058	1	2	2	2	11	40.294	0	0	0	0	0	31017000
sp Q0061 CLTC	sp Q0061	2	72	72	72	50	191.61	4.9506E+10	4.6891E+10	4.6821E+10	49507000000	43032000000	4.6563E+10
sp Q0061 HSF1	sp Q0061	1	1	1	1	4	57.26	0	0	0	47391000	49427000	0
sp Q0065 NFKB2	sp Q0065	1	6	6	6	9.4	96.748	127020000	101770000	146450000	195410000	192640000	204170000
sp Q0068 FKBP3	sp Q0068	1	8	8	8	44	25.177	2331700000	1591800000	2008300000	1712500000	2217200000	2041700000
sp Q0076 REEP5	sp Q0076	1	5	5	5	20	21.493	2174600000	2179800000	1899600000	2128000000	2006100000	2279900000
sp Q0079 SORD	sp Q0079	1	14	14	14	58	38.324	2480600000	2485900000	2801300000	2536300000	2266100000	2157500000
sp Q0083 HNRNPU	sp Q0083	1	32	32	32	42	90.583	3.1116E+10	3.1115E+10	3.252E+10	29919000000	30156000000	3.2734E+10
sp Q0108 SPTBN1	sp Q0108	2	##	107	##	58	274.61	2.8994E+10	2.9165E+10	2.8172E+10	23424000000	22718000000	2.5606E+10
sp Q0108 TIAL1	sp Q0108	1	8	8	5	33	41.59	672440000	685330000	667570000	693220000	717570000	699220000
sp Q0110 SET	sp Q0110	2	8	8	8	33	33.488	1.8853E+10	1.7606E+10	1.5785E+10	16586000000	16862000000	1.601E+10
sp Q0113 SRSF2	sp Q0113	2	6	6	6	29	25.476	3998100000	3814300000	3357200000	3627700000	4458300000	3910200000
sp Q0143 AMPD2	sp Q0143	1	8	8	8	12	100.69	245260000	243190000	258250000	233680000	201890000	219010000
sp Q0146 FABP5	sp Q0146	2	10	10	10	72	15.164	8941700000	8540000000	6862300000	8060100000	9357500000	8388700000
sp Q0151 CAP1	sp Q0151	1	18	18	17	46	51.901	1.5861E+10	1.8562E+10	1.6225E+10	14792000000	15217000000	1.9951E+10
sp Q0158 HMGCS1	sp Q0158	2	11	11	11	26	57.293	782280000	788900000	586790000	426270000	561680000	502940000
sp Q0162 IFITM3	sp Q0162	4	3	3	3	49	14.632	1114100000	951350000	1347700000	1340000000	0	0
sp Q0165 SLC7A5	sp Q0165	2	7	7	6	14	55.01	4171800000	6971500000	3686500000	4572600000	5690800000	5252500000
sp Q0165 DR1	sp Q0165	1	3	3	3	25	19.443	409470000	426980000	373210000	286150000	447640000	458220000
sp Q0166 TFAP4	sp Q0166	1	2	2	2	7.4	38.725	0	68567000	0	0	0	0
sp Q0178 EXOSC10	sp Q0178	1	20	20	20	29	100.83	1038000000	1041000000	973990000	1067300000	1033600000	1063300000
sp Q0180 OTUD4	sp Q0180	1	3	3	3	4.4	124.04	0	0	0	0	0	50018000
sp Q0181 PFKP	sp Q0181	1	28	28	25	43	85.595	1.1414E+10	1.0028E+10	1.1647E+10	11679000000	9840200000	1.0636E+10
sp Q0183 XPC	sp Q0183	1	3	3	3	4.5	105.95	0	0	0	53071000	0	0
sp Q0184 EWSR1	sp Q0184	1	6	6	6	13	68.477	1883700000	1443400000	1636300000	1682100000	1644700000	1166200000
sp Q0196 OCRL	sp Q0196	1	1	1	1	2.3	104.2	0	0	0	0	0	30669000
sp Q0197 PLCB3	sp Q0197	1	12	12	12	15	138.8	334440000	393710000	476950000	446360000	394660000	496340000
sp Q0199 TAGLN	sp Q0199	1	13	13	13	69	22.611	4772900000	5685100000	4215500000	3373000000	4231100000	3768400000
sp Q0641 MEF2C	sp Q0641	3	1	1	1	2.3	51.221	0	45540000	0	0	0	0
sp Q0212 DHODH	sp Q0212	1	3	3	3	11	42.867	0	0	121780000	115150000	0	0
sp Q0221 OGDH	sp Q0221	2	31	31	31	40	115.93	2912200000	2881400000	2672400000	2832600000	2566100000	2571900000
sp Q0224 KIF23	sp Q0224	1	10	10	10	17	110.06	380830000	413940000	437670000	491830000	408340000	415170000
sp Q0233 BDH1	sp Q0233	1	1	1	1	7.6	38.157	0	0	0	0	0	23179000
sp Q0238 COL7A1	sp Q0238	1	4	4	4	2.7	295.22	128500000	217660000	232420000	158920000	140760000	202170000

sp Q0244 SP3	sp Q0244	1	2	2	2	5.6	81.924	0	0	0	0	0	23296000
sp Q0253 HIST1H1A	sp Q0253	1	4	2	2	24	21.842	0	0	0	0	186380000	0
sp Q0254 RPL18A	sp Q0254	1	7	7	7	35	20.762	7197400000	7319200000	6705100000	7828400000	7348600000	7899600000
sp Q0275 MAP2K1	sp Q0275	1	6	4	4	20	43.439	524180000	552260000	524190000	515190000	573680000	589300000
sp Q0279 FKBP4	sp Q0279	1	32	32	32	74	51.804	1.6134E+10	1.8775E+10	1.8083E+10	18458000000	18547000000	2.0097E+10
sp Q0280 PLOD1	sp Q0280	1	18	18	18	34	83.549	2907100000	3243800000	3260500000	3267700000	3064600000	2895800000
sp Q0281 NUCB1	sp Q0281	1	12	12	12	33	53.879	856390000	1026500000	900720000	674730000	721770000	803870000
sp Q0287 RPL6	sp Q0287	1	14	14	14	40	32.728	1.6436E+10	1.5707E+10	1.5905E+10	16765000000	16937000000	1.6449E+10
sp Q0288 TOP2B	sp Q0288	1	22	12	12	15	183.26	398260000	396290000	416280000	356780000	309100000	399980000
sp Q0295 AKAP12	sp Q0295	1	12	12	12	13	191.48	224440000	275440000	178780000	207140000	277230000	207410000
sp Q0297 SLC25A1	sp Q0297	1	9	9	9	32	34.061	1239300000	1324700000	1314000000	1532000000	1886000000	1774300000
sp Q0300 DST	sp Q0300	1	40	40	40	7	860.65	1806100000	1769600000	1778600000	1879500000	1576600000	1807100000
sp Q0301 GSTM4	sp Q0301	1	7	2	2	43	25.561	0	0	0	0	8165900	0
sp Q0311 MLLT1	sp Q0311	1	2	2	2	3.9	62.055	151750000	0	166600000	110600000	0	0
sp Q0313 CAV1	sp Q0313	2	7	7	7	41	20.471	3051000000	3681900000	3417900000	2797700000	3161300000	3361000000
sp Q0316 TNFAIP2	sp Q0316	1	2	2	2	5	72.66	0	82267000	0	89241000	53699000	38445000
sp Q0325 LMNB2	sp Q0325	1	17	15	15	29	69.948	1343700000	1361200000	1679600000	1519700000	1580400000	1455100000
sp Q0340 PLAUR	sp Q0340	1	2	2	2	8.4	36.978	0	0	0	0	0	99061000
sp Q0370 CEBPZ	sp Q0370	1	11	11	11	15	120.97	545410000	672970000	590270000	559560000	611950000	623860000
sp Q0420 RELA	sp Q0420	1	5	5	5	13	60.218	279160000	244750000	264380000	282610000	331310000	273780000
sp Q0432 UBXN1	sp Q0432	1	9	9	9	42	33.325	986050000	1388200000	1098100000	1268700000	1232600000	922290000
sp Q0444 GBE1	sp Q0444	1	18	18	18	33	80.473	2722800000	2207100000	2520200000	2372600000	2378400000	2641100000
sp Q0463 EIF4G1	sp Q0463	2	47	47	42	35	175.49	1.3364E+10	1.466E+10	1.2043E+10	12569000000	11741000000	1.2484E+10
sp Q0472 TLE3	sp Q0472	4	6	6	6	8.7	83.416	852640000	459010000	740200000	347370000	944110000	600990000
sp Q0476 GLO1	sp Q0476	1	8	8	8	35	20.777	2174000000	1733200000	1700700000	1765400000	2254400000	1712600000
sp Q0482 AKR1C1	sp Q0482	1	16	3	0	59	36.788	5649800000	5770100000	4290500000	3596600000	4209100000	4415800000
sp Q0483 SSBP1	sp Q0483	1	6	6	6	49	17.259	1966100000	2344100000	1991000000	2348800000	2573800000	2274600000
sp Q0491 YWHAH	sp Q0491	1	12	10	10	54	28.218	4403100000	4638500000	3538200000	3687000000	4196000000	3841400000
sp Q0494 PLP2	sp Q0494	1	2	2	2	18	16.691	1514600000	1281900000	0	1344800000	1357600000	0
sp Q0504 CSTF1	sp Q0504	1	10	10	10	39	48.357	857900000	646730000	625150000	672260000	775530000	633400000
sp Q0520 PTPN12	sp Q0520	1	6	6	6	14	88.105	0	0	0	0	0	97544000
sp Q0539 PTK2	sp Q0539	1	4	4	4	4.9	119.23	80452000	102150000	84935000	0	0	0
sp Q0551 SRSF11	sp Q0551	1	4	4	4	14	53.542	630770000	525390000	511310000	681840000	602700000	527860000
sp Q0563 EEF1A2	sp Q0563	1	20	9	9	68	50.47	706700000	694160000	645970000	562330000	482820000	393240000
sp Q0568 CALD1	sp Q0568	3	23	23	23	29	93.23	6048500000	4942100000	5004400000	4935000000	5069400000	4493300000
sp Q0593 FPGS	sp Q0593	1	4	4	4	11	64.608	75688000	19246000	53743000	107100000	45168000	0
sp Q05D3 CTDSPL2	sp Q05D3	1	3	3	3	6.7	52.998	86760000	0	0	76911000	81787000	80032000
sp Q0612 PTPN11	sp Q0612	1	7	7	7	14	68.436	471630000	429950000	443840000	342720000	383410000	451770000
sp Q0613 KDSR	sp Q0613	1	3	3	3	14	36.187	0	166920000	131600000	0	122130000	0

sp Q0620 PPAT	sp Q0620	1	7	7	7	21	57.398	352400000	344420000	376200000	383920000	474580000	392710000
sp Q0621 GFPT1	sp Q0621	1	20	20	17	38	78.806	1723800000	1711500000	1565800000	2025500000	2112000000	2034200000
sp Q0626 EXOSC9	sp Q0626	1	6	6	6	18	48.948	384800000	373070000	368260000	303080000	435920000	413920000
sp Q0632 PSME1	sp Q0632	1	12	12	12	43	28.723	955930000	982500000	1006500000	993410000	1002600000	662040000
sp Q0654 GABPA	sp Q0654	1	5	5	5	20	51.295	213840000	202590000	173090000	175140000	128600000	113880000
sp Q0658 RING1	sp Q0658	2	3	3	3	15	42.429	186650000	202650000	148720000	188090000	182350000	206080000
sp Q0678 FMR1	sp Q0678	1	8	6	6	16	71.174	151490000	135280000	178460000	163540000	167060000	223850000
sp Q0683 PRDX1	sp Q0683	1	16	16	12	73	22.11	1.0597E+11	9.412E+10	8.5051E+10	94321000000	1.0085E+11	9.3037E+10
sp Q0702 RPL18	sp Q0702	1	7	7	7	42	21.634	9177800000	1.1543E+10	1.0052E+10	118700000000	127780000000	1.3321E+10
sp Q0702 C1QBP	sp Q0702	1	6	6	6	32	31.362	7755300000	6181200000	7358000000	8822900000	8368900000	7548500000
sp Q0706 CKAP4	sp Q0706	1	30	30	29	56	66.022	7491800000	6885800000	6887900000	8256800000	8650900000	8880100000
sp Q0715 TJP1	sp Q0715	1	14	14	14	13	195.46	679410000	791550000	626420000	600390000	632280000	502850000
sp Q0766 KHDRBS	sp Q0766	2	7	7	6	24	48.227	3384000000	4014800000	5164500000	4309100000	4819500000	5451100000
sp Q0781 BAX	sp Q0781	1	5	5	5	37	21.184	392600000	428810000	192740000	337630000	372530000	408350000
sp Q0782 MCL1	sp Q0782	1	1	1	1	6	37.337	0	0	0	0	36191000	0
sp Q0786 POLE	sp Q0786	1	3	3	3	1.7	261.51	60705000	0	0	52538000	0	0
sp Q0786 KLC1	sp Q0786	2	16	16	11	29	65.309	760530000	802610000	1027000000	716420000	765460000	745580000
sp Q0795 SRSF1	sp Q0795	1	12	12	12	44	27.744	6490500000	7284200000	6395500000	7051000000	7595600000	6999100000
sp Q0796 ARHGAP	sp Q0796	1	12	12	12	39	50.435	2157100000	1802300000	1934400000	2080400000	1873200000	2195900000
sp Q0817 SRSF4	sp Q0817	1	5	2	2	11	56.678	137400000	0	148660000	108100000	0	170850000
sp Q0820 PPP3CA	sp Q0820	3	9	9	9	20	58.687	1031800000	1350600000	1043400000	957880000	971190000	854680000
sp Q0821 DHX9	sp Q0821	1	46	46	46	48	140.96	1.9682E+10	2.016E+10	2.0112E+10	18576000000	18174000000	1.9062E+10
sp Q0825 CRYZ	sp Q0825	1	12	12	12	47	35.206	1649400000	1561600000	1296100000	1451900000	1685400000	1544400000
sp Q0837 GOLGA3	sp Q0837	1	7	7	7	7	167.35	0	85663000	112300000	110520000	99095000	121120000
sp Q0837 GOLGA2	sp Q0837	1	12	12	12	19	113.08	683680000	681110000	423430000	585980000	446950000	652600000
sp Q0838 LGALS3B	sp Q0838	1	10	10	10	27	65.33	826620000	907850000	665950000	978430000	1034800000	1135700000
sp Q0849 PDE4D	sp Q0849	1	3	3	3	4.4	91.114	0	0	0	0	0	121580000
sp Q0872 CD47	sp Q0872	1	2	2	2	5.9	35.213	201990000	279170000	213740000	262540000	308650000	212270000
sp Q0875 PPID	sp Q0875	1	9	9	9	26	40.763	653950000	834950000	828860000	858920000	807040000	831460000
sp Q0894 SSRP1	sp Q0894	1	20	20	20	36	81.074	3900900000	3929800000	3909200000	3729600000	4155000000	4382300000
sp Q08AD CAMSAP2	sp Q08AD	1	4	4	4	5.2	168.09	719930000	676800000	0	0	0	0
sp Q08AF SLFN5	sp Q08AF	1	3	3	3	3.9	101.05	0	0	0	0	139970000	0
sp Q08AG MZT1	sp Q08AG	1	2	2	2	45	8.4787	152780000	0	0	0	162150000	121010000
sp Q08AH ACSM1	sp Q08AH	1	1	1	1	1.6	65.272	0	0	0	0	0	139270000
sp Q08AM VAC14	sp Q08AM	1	3	3	3	6.6	87.972	35777000	0	0	0	35472000	49478000
sp Q08J2 NSUN2	sp Q08J2	1	40	40	40	68	86.47	1.1315E+10	1.1067E+10	1.0122E+10	10735000000	11523000000	1.2967E+10
sp Q0902 RBBP4	sp Q0902	1	12	8	8	55	47.655	4438200000	5471700000	4159800000	3294000000	4142900000	3295900000
sp Q0916 NCBP1	sp Q0916	1	16	16	16	26	91.838	1549700000	1565200000	1442900000	1212100000	1269400000	1319200000
sp Q0932 MGAT5	sp Q0932	1	1	1	1	1.2	84.542	0	0	0	0	0	327510000

sp Q0966 AHNAK	sp Q0966	2	##	241	##	69	629.09	1.0797E+11	1.0172E+11	1.0332E+11	92659000000	97008000000	9.3449E+10
sp Q0P6D CCDC15	sp Q0P6D	1	1	1	1	0.8	110.48	125780000	0	0	0	0	0
sp Q0VDF HSPA14	sp Q0VDF	1	7	7	7	27	54.794	199610000	215230000	307350000	206110000	197920000	156260000
sp Q0VGL LAMTOR4	sp Q0VGL	1	1	1	1	10	10.741	0	0	0	0	61658000	0
sp Q1046 MGAT2	sp Q1046	1	2	2	2	7.2	51.55	0	0	0	0	115400000	0
sp Q1047 GALNT2	sp Q1047	2	23	23	23	50	64.732	545290000	520400000	524440000	644000000	503950000	642010000
sp Q1047 GALNT1	sp Q1047	2	8	8	8	16	64.218	445150000	412150000	482810000	365150000	447660000	497400000
sp Q1056 AP1B1	sp Q1056	1	19	9	9	25	104.64	839320000	777650000	972720000	847180000	644760000	649130000
sp Q1057 CPSF1	sp Q1057	1	11	11	11	9.5	160.88	455820000	762270000	603560000	367580000	376490000	496890000
sp Q1058 BST2	sp Q1058	1	3	3	3	19	19.769	104430000	145000000	110020000	113050000	962810000	856920000
sp Q1071 PMPCA	sp Q1071	1	14	14	14	31	58.252	117810000	150000000	117060000	129430000	128720000	141240000
sp Q1276 SCRN1	sp Q1276	1	4	4	4	12	46.382	276780000	0	234900000	0	0	280790000
sp Q1276 WASHC5	sp Q1276	1	6	6	6	7.4	134.28	189260000	251950000	155670000	118980000	0	0
sp Q1276 NUP160	sp Q1276	1	16	16	16	16	162.12	970730000	932370000	893690000	880050000	898150000	993400000
sp Q1278 TBL3	sp Q1278	1	15	15	15	29	89.034	135860000	115950000	131770000	138640000	177470000	146920000
sp Q1278 GTF3C1	sp Q1278	1	10	10	10	7.9	238.87	249900000	276630000	249270000	243060000	245780000	216240000
sp Q1279 TWF1	sp Q1279	1	12	9	9	35	40.282	111910000	127070000	119040000	863870000	998730000	130300000
sp Q1279 ASPH	sp Q1279	1	22	22	22	40	85.862	307570000	311770000	298480000	317450000	340250000	379560000
sp Q1280 TFCP2	sp Q1280	2	5	5	4	15	57.255	205570000	200710000	368780000	254080000	253190000	284770000
sp Q1280 AKAP13	sp Q1280	1	5	5	5	3.4	307.55	198400000	0	159040000	0	0	0
sp Q1282 SMARCB1	sp Q1282	1	8	8	8	38	44.141	342830000	290210000	350190000	492180000	403620000	241400000
sp Q1284 FSTL1	sp Q1284	1	1	1	1	3.9	34.985	0	0	0	0	30660000	0
sp Q1284 STX4	sp Q1284	1	5	5	5	28	34.18	281450000	335460000	246730000	303380000	291000000	362730000
sp Q1284 GRSF1	sp Q1284	1	13	13	13	36	53.126	862500000	789470000	839810000	787500000	897450000	793500000
sp Q1287 CHD3	sp Q1287	1	8	2	2	6.1	226.59	0	0	0	0	54697000	0
sp Q1287 SF3A3	sp Q1287	1	12	12	12	28	58.848	205500000	252670000	238780000	242630000	235590000	225870000
sp Q1288 TP53BP1	sp Q1288	1	30	30	30	26	213.57	158770000	150800000	194490000	132400000	154190000	150940000
sp Q1289 TMEM115	sp Q1289	1	1	1	1	6.6	38.197	0	0	0	0	0	37250000
sp Q1290 AIMP1	sp Q1290	1	13	13	13	61	34.352	366590000	340200000	388310000	400490000	349180000	434710000
sp Q1290 ILF2	sp Q1290	1	15	15	15	59	43.062	559550000	449600000	484340000	546470000	612410000	543710000
sp Q1290 ILF3	sp Q1290	1	27	27	24	43	95.337	1.0629E+10	1.1821E+10	1.1568E+10	10246000000	11390000000	1.0955E+10
sp Q1290 LMAN2	sp Q1290	1	12	12	12	47	40.228	247270000	216570000	227810000	219350000	312500000	255680000
sp Q1291 PTPRJ	sp Q1291	1	2	2	2	2.1	145.94	48565000	85305000	0	40798000	40570000	0
sp Q1293 TRAP1	sp Q1293	1	26	26	26	44	80.109	678700000	783650000	805220000	825870000	725350000	828630000
sp Q1293 TRAF2	sp Q1293	1	2	2	2	4	55.859	0	155230000	0	0	0	0
sp Q1296 TAF10	sp Q1296	1	1	1	1	12	21.711	0	0	0	0	0	36763000
sp Q1296 MYO1E	sp Q1296	2	22	22	22	25	127.06	181110000	182810000	152040000	171240000	174030000	169610000
sp Q1297 PPP1R8	sp Q1297	1	7	7	7	39	38.478	511010000	377540000	368800000	337960000	381870000	384440000
sp Q1297 PTP4A2	sp Q1297	1	4	1	1	29	19.127	0	0	0	0	0	69483000

sp Q1297 ABR	sp Q1297	1	2	2	2	2.6	97.597	0	0	0	0	0	61106000
sp Q1299 CSTF3	sp Q1299	1	8	8	8	15	82.921	0	0	174260000	176690000	177740000	195930000
sp Q1301 ECH1	sp Q1301	1	8	8	8	33	35.816	1234700000	1308800000	1319300000	1302600000	1539300000	1279200000
sp Q1301 MLLT11	sp Q1301	1	3	3	3	54	10.061	128270000	148900000	212250000	157990000	235100000	58223000
sp Q1304 CDC16	sp Q1304	1	6	6	6	13	71.655	190640000	220130000	221720000	140180000	208050000	236460000
sp Q1304 STK4	sp Q1304	1	1	1	1	3.3	55.63	0	0	0	0	0	19361000
sp Q1304 FLII	sp Q1304	1	24	24	24	26	144.75	2103600000	2212000000	1912200000	2076400000	2270100000	1951400000
sp Q1304 TRIM32	sp Q1304	1	3	3	3	5.7	71.988	0	0	41311000	0	44611000	0
sp Q1305 COASY	sp Q1305	1	13	13	13	38	62.328	936440000	879820000	1199100000	981640000	832250000	834900000
sp Q1308 MRPL28	sp Q1308	1	3	3	3	21	30.156	116630000	104410000	104990000	107650000	83149000	113210000
sp Q1308 ACACA	sp Q1308	1	36	36	32	23	265.55	1835100000	1959000000	2186300000	1829000000	1997300000	1847300000
sp Q1309 GPS1	sp Q1309	1	13	13	13	33	55.536	1531900000	1336600000	1497300000	1263200000	1185300000	1306400000
sp Q1311 CHAF1A	sp Q1311	1	1	1	1	2.1	106.91	0	0	0	0	41947000	0
sp Q1311 CHAF1B	sp Q1311	1	2	2	2	5.9	61.492	0	0	70174000	0	0	0
sp Q1312 IK	sp Q1312	1	11	11	11	27	65.601	733960000	777150000	751470000	580400000	701250000	751450000
sp Q1312 MTAP	sp Q1312	1	16	16	16	73	31.236	3168700000	3212300000	3563700000	2798500000	3139800000	2886700000
sp Q1313 PRKAA1	sp Q1313	2	4	4	4	11	64.009	110120000	111310000	104700000	84804000	104350000	102420000
sp Q1313 PPFIA1	sp Q1313	1	6	6	6	7.8	135.78	142630000	0	150610000	91573000	212770000	164310000
sp Q1314 EIF2B5	sp Q1314	1	7	7	7	16	80.379	497440000	616670000	540020000	549280000	547790000	680050000
sp Q1314 TARDBP	sp Q1314	1	11	11	11	39	44.739	2095800000	2234000000	1669000000	2255100000	2224000000	1891200000
sp Q1315 HNRNPA	sp Q1315	1	8	8	8	37	30.84	5289800000	6280100000	4873500000	4751400000	4626000000	4488900000
sp Q1315 AIMP2	sp Q1315	1	9	9	9	46	35.348	2193500000	2382700000	2102100000	2321200000	2576000000	2770300000
sp Q1315 FADD	sp Q1315	1	2	2	2	21	23.279	73328000	81268000	79562000	0	80806000	0
sp Q1316 PRDX4	sp Q1316	1	13	10	10	60	30.54	3762800000	3639800000	4562600000	4370100000	5788600000	5319900000
sp Q1317 PAK2	sp Q1317	3	12	12	12	36	58.042	1262700000	1032700000	1444400000	998790000	1001600000	1085000000
sp Q1318 CBX3	sp Q1318	1	6	6	5	52	20.811	4653500000	5645900000	4724800000	3972400000	4733500000	5115400000
sp Q1318 STK3	sp Q1318	1	2	2	2	4.5	56.3	0	0	0	0	0	26950000
sp Q1319 STX5	sp Q1319	1	5	5	5	23	39.672	268250000	202060000	0	214910000	231090000	214260000
sp Q1320 PSMD2	sp Q1320	1	33	33	33	49	100.2	6667000000	6713400000	7027400000	7289700000	6054500000	5624800000
sp Q1320 DDX10	sp Q1320	1	1	1	1	1.7	100.89	0	0	0	0	9287500	0
sp Q1321 DNAJC3	sp Q1321	1	4	4	4	9.1	57.579	153630000	121750000	0	0	160070000	327730000
sp Q1322 SELENBP	sp Q1322	1	9	9	9	24	52.39	399770000	554860000	396330000	357930000	283090000	358950000
sp Q1323 NME3	sp Q1323	1	3	3	3	25	19.015	220350000	0	140620000	0	0	232870000
sp Q1324 SRSF9	sp Q1324	1	6	6	6	31	25.542	1151300000	1074400000	1427400000	967160000	1057700000	829990000
sp Q1324 SRSF5	sp Q1324	1	7	6	6	25	31.263	373240000	475120000	403950000	391720000	356240000	327120000
sp Q1324 SRSF6	sp Q1324	1	8	8	5	21	39.586	1733700000	2207900000	1910700000	2318600000	2281400000	2463200000
sp Q1325 MAD2L1	sp Q1325	1	7	7	7	32	23.51	431310000	432300000	485030000	389620000	343940000	361110000
sp Q1326 TRIM28	sp Q1326	1	27	27	27	61	88.549	8619300000	8315500000	8489300000	8778200000	8060500000	8391500000
sp Q1326 DHRS2	sp Q1326	1	1	1	1	2.5	29.926	0	0	0	0	0	0

sp Q1328 G3BP1	sp Q1328	1	18	18	17	55	52.164	8516900000	7944400000	8566300000	7108100000	6896300000	8367000000
sp Q1330 KCNA2	sp Q1330	1	1	1	1	7.9	41	0	0	0	0	0	42564000
sp Q1331 PABPC4	sp Q1331	2	23	16	15	37	70.782	2098600000	1984500000	2298500000	2116500000	2586400000	2941000000
sp Q1332 IFIT5	sp Q1332	1	1	1	1	2.1	55.846	0	0	0	0	0	0
sp Q1333 MTA1	sp Q1333	1	5	4	3	9.2	80.785	185880000	139680000	0	122190000	137570000	143880000
sp Q1334 EIF3I	sp Q1334	1	12	12	12	53	36.501	4842400000	4884300000	4951900000	4570400000	4252800000	4862600000
sp Q1336 CTBP1	sp Q1336	1	9	5	5	29	47.535	635350000	401280000	182000000	319710000	442840000	375020000
sp Q1340 UBE2V1	sp Q1340	1	6	6	2	44	16.495	1665700000	1241600000	1375500000	1397900000	1457900000	1446300000
sp Q1340 MRPL49	sp Q1340	1	3	3	3	24	19.198	583790000	287990000	342470000	330660000	463290000	273560000
sp Q1340 DYNC1I2	sp Q1340	1	12	12	12	31	71.456	2068600000	2355300000	2298200000	1839400000	1639500000	2229500000
sp Q1341 ORC2	sp Q1341	1	2	2	2	5.2	65.971	0	0	0	23467000	0	0
sp Q1341 ILK	sp Q1341	1	15	15	15	38	51.419	1126100000	1307600000	1244100000	1170300000	1454400000	1399500000
sp Q1342 NNT	sp Q1342	1	33	33	33	38	113.89	5737000000	5682000000	5086900000	5844000000	5779100000	5917100000
sp Q1342 SNTB2	sp Q1342	1	5	5	5	14	57.949	139880000	136840000	133920000	0	147190000	135570000
sp Q1342 PPIG	sp Q1342	1	2	2	2	3.2	88.616	0	0	0	97456000	0	0
sp Q1342 TCOF1	sp Q1342	1	19	19	19	17	152.1	2490200000	2210000000	2138700000	2338400000	2374300000	2553900000
sp Q1343 SF3B2	sp Q1343	1	27	27	27	40	100.23	5556900000	4787400000	5664000000	4376400000	4745900000	4267700000
sp Q1343 GOLGA4	sp Q1343	1	6	6	6	3.7	261.14	0	0	0	2360000000	1869300000	0
sp Q1344 PDAP1	sp Q1344	1	7	7	7	38	20.63	2285300000	2479900000	1874100000	1995200000	2391200000	1768900000
sp Q1344 ADAM9	sp Q1344	1	5	5	5	9.8	90.555	303220000	405130000	231750000	366330000	269670000	292160000
sp Q1344 TMED1	sp Q1344	1	3	3	3	17	25.206	366010000	460630000	271070000	365240000	450350000	588030000
sp Q1345 FKBP5	sp Q1345	1	4	4	4	14	51.212	140850000	0	131950000	161750000	110320000	0
sp Q1345 TUSC3	sp Q1345	1	1	1	1	2.9	39.676	0	0	0	7535500	0	0
sp Q1346 ROCK1	sp Q1346	1	7	3	3	6.5	158.17	0	0	0	104090000	0	0
sp Q1348 SMAD4	sp Q1348	1	5	5	5	19	60.438	0	150570000	135900000	0	140210000	100420000
sp Q1349 PICALM	sp Q1349	2	10	10	10	24	70.754	912170000	743960000	745030000	1022600000	803870000	801530000
sp Q1350 SQSTM1	sp Q1350	1	15	15	15	58	47.687	3207000000	3476200000	2910500000	6421600000	6613600000	7259100000
sp Q1350 MED21	sp Q1350	1	1	1	1	17	15.564	13440000	11649000	0	13300000	19835000	0
sp Q1350 MTX1	sp Q1350	1	5	5	5	16	51.462	287380000	0	329510000	292500000	311850000	0
sp Q1350 TUBB3	sp Q1350	1	17	4	4	53	50.432	756750000	451070000	431070000	877920000	384960000	450950000
sp Q1351 ASAHI	sp Q1351	1	1	1	1	4.3	44.659	0	0	0	0	0	29619000
sp Q1352 PRPF4B	sp Q1352	1	6	6	6	6.2	116.99	154880000	186710000	159660000	131770000	163920000	111650000
sp Q1352 PIN1	sp Q1352	2	7	7	7	64	18.243	737260000	807300000	687120000	713220000	896770000	771400000
sp Q1354 EIF4EBP1	sp Q1354	1	1	1	1	10	12.58	0	0	0	0	0	71069000
sp Q1354 EIF4EBP2	sp Q1354	1	2	2	2	38	12.939	0	0	0	0	0	74730000
sp Q1354 RIPK1	sp Q1354	1	1	1	1	1.5	75.93	0	0	0	0	0	28194000
sp Q1354 HDAC1	sp Q1354	1	8	5	5	24	55.102	898550000	567690000	800970000	625740000	755540000	811570000
sp Q1355 CAMK2G	sp Q1355	1	4	2	2	9.3	62.606	0	0	0	0	0	52888000
sp Q1355 CAMK2D	sp Q1355	1	5	5	3	16	56.369	294150000	348900000	208090000	501210000	273120000	354590000

sp Q1356 DCTN2	sp Q1356	1	16	16	16	56	44.23	2014900000	2196700000	2025900000	1708500000	1755400000	1672100000
sp Q1356 NAE1	sp Q1356	1	9	9	9	28	60.246	687630000	728670000	663740000	645220000	797760000	560210000
sp Q1357 SNW1	sp Q1357	1	12	12	12	33	61.494	825240000	969170000	929900000	788380000	882650000	938210000
sp Q1357 IQGAP2	sp Q1357	1	26	24	24	25	180.58	928190000	940240000	882510000	889050000	990310000	994400000
sp Q1358 STIM1	sp Q1358	1	3	3	3	6.3	77.422	48820000	50855000	65658000	62281000	61688000	77954000
sp Q1359 TRA2A	sp Q1359	1	6	5	5	25	32.688	576770000	738530000	551800000	846120000	587500000	587460000
sp Q1359 SNX1	sp Q1359	1	9	7	7	19	59.069	653730000	737320000	533650000	628040000	816600000	721640000
sp Q1360 KRR1	sp Q1360	1	3	3	3	6.6	43.664	0	100990000	126820000	106790000	0	0
sp Q1361 PWP1	sp Q1361	1	7	7	7	17	55.827	247080000	259130000	293580000	235130000	204560000	223480000
sp Q1361 MTMR2	sp Q1361	2	4	4	4	7.6	73.38	211360000	208610000	200630000	206540000	139660000	183480000
sp Q1361 CUL1	sp Q1361	1	10	10	10	18	89.677	346930000	389550000	349180000	327310000	315880000	387080000
sp Q1361 CUL2	sp Q1361	1	11	11	11	20	86.982	437860000	402680000	499250000	341000000	353510000	329820000
sp Q1361 CUL3	sp Q1361	1	6	6	6	10	88.929	180020000	225780000	208610000	270580000	148510000	168760000
sp Q1361 CUL4A	sp Q1361	1	20	20	14	31	87.679	1337900000	1339100000	1355700000	1119500000	1294800000	1099400000
sp Q1362 CUL4B	sp Q1362	1	15	9	9	16	103.98	539260000	680500000	546060000	535910000	506120000	520780000
sp Q1363 TSTA3	sp Q1363	1	5	5	5	19	35.892	672520000	763130000	665420000	622990000	705460000	549080000
sp Q1363 RAB31	sp Q1363	1	7	7	6	47	21.569	661400000	457920000	504080000	561950000	510390000	586250000
sp Q1363 RAB32	sp Q1363	3	10	10	10	53	24.997	1640700000	1417400000	1410600000	1482000000	1434200000	1618600000
sp Q1364 TPBG	sp Q1364	1	2	2	2	6.9	46.031	0	0	0	0	0	36088000
sp Q1364 FHL1	sp Q1364	1	4	4	4	14	36.263	339200000	283890000	0	207280000	218760000	176430000
sp Q1364 FHL3	sp Q1364	1	8	8	8	44	31.192	436490000	584450000	733600000	522750000	587710000	466230000
sp Q1368 AAMP	sp Q1368	1	4	4	4	12	46.75	259830000	166820000	206950000	177810000	232220000	0
sp Q1372 MOGS	sp Q1372	1	6	6	6	10	91.916	283020000	366110000	322890000	320280000	388890000	336160000
sp Q1374 ALCAM	sp Q1374	1	9	9	9	24	65.102	1025600000	1002000000	1240500000	759070000	1018100000	1151200000
sp Q1375 LAMB3	sp Q1375	1	4	4	4	7.7	129.57	107940000	155420000	116830000	173920000	94156000	96680000
sp Q1376 THOC5	sp Q1376	1	9	9	9	24	78.507	268890000	0	260130000	308970000	207160000	283180000
sp Q1381 SPTAN1	sp Q1381	2	##	126	##	65	284.54	3.5328E+10	3.6439E+10	3.5611E+10	30218000000	30396000000	3.2155E+10
sp Q1382 GNL2	sp Q1382	1	9	9	9	15	83.654	182060000	157890000	198800000	153000000	184800000	209980000
sp Q1383 DDX39B	sp Q1383	1	21	21	10	60	48.991	9949800000	1.1378E+10	1.1567E+10	10792000000	10238000000	1.173E+10
sp Q1386 BLMH	sp Q1386	1	12	12	12	36	52.562	1037300000	992440000	1161500000	1117500000	862550000	919700000
sp Q1386 EXOSC2	sp Q1386	1	7	7	7	32	32.789	733210000	661120000	804050000	762740000	810360000	764860000
sp Q1388 TUBB2A	sp Q1388	1	22	6	1	67	49.906	951150000	2517100000	658930000	1151900000	1281000000	584460000
sp Q6P1K GTF2H2C	sp Q6P1K	2	3	3	3	8.4	44.452	85115000	70936000	85288000	78610000	90311000	69876000
sp Q1389 BYSL	sp Q1389	1	11	11	11	31	49.601	425590000	446950000	442580000	425080000	353710000	329100000
sp Q1390 IDI1	sp Q1390	2	5	5	5	33	26.319	503270000	465660000	414230000	279070000	445230000	367190000
sp Q1395 CBFB	sp Q1395	1	3	3	3	18	21.508	255540000	226190000	236290000	284500000	360730000	312990000
sp Q1395 NFYC	sp Q1395	1	1	1	1	2.6	50.302	0	0	0	0	0	38834000
sp Q1400 CKAP5	sp Q1400	1	28	28	28	20	225.49	1751200000	1599500000	1405100000	1628500000	1665200000	1519200000
sp Q1401 CIRBP	sp Q1401	1	1	1	1	6.4	18.648	0	0	0	0	0	44629000

sp Q14019 COTL1	sp Q14019	1	9	9	9	63	15.945	3691800000	4183600000	3333100000	3476000000	3707400000	3284400000
sp Q1406 COX17	sp Q1406	1	3	3	3	57	6.9151	356200000	272170000	296690000	262890000	0	0
sp Q1410 HNRNPD	sp Q1410	1	12	12	11	30	38.434	8652400000	7743400000	7170300000	8998100000	7693400000	8154500000
sp Q1410 SCARB2	sp Q1410	1	6	6	6	18	54.29	439590000	701970000	510420000	599310000	495030000	500660000
sp Q14114 LRP8	sp Q14114	1	1	1	1	1.8	105.63	0	0	0	0	0	32750000
sp Q14116 IL18	sp Q14116	1	5	5	5	35	22.326	1098400000	1038700000	767270000	771280000	828920000	858290000
sp Q14118 DAG1	sp Q14118	1	3	3	3	6	97.44	0	0	0	0	234560000	0
sp Q14126 DSG2	sp Q14126	1	17	17	17	26	122.29	1394900000	1476600000	1326100000	1471300000	1481100000	1500000000
sp Q1413 BOP1	sp Q1413	1	19	19	19	38	83.629	1149600000	1495600000	972320000	1421300000	1670300000	1434900000
sp Q14139 UBE4A	sp Q14139	1	2	2	2	2.8	122.56	0	0	0	0	0	69452000
sp Q1414 SEPT6	sp Q1414	1	8	3	3	28	49.716	241410000	161850000	201860000	223930000	206470000	230410000
sp Q14146 URB2	sp Q14146	1	5	5	5	5	170.54	0	128320000	0	0	76794000	0
sp Q1415 SAFB2	sp Q1415	1	15	7	7	17	107.47	153710000	115500000	0	0	0	0
sp Q1415 EIF3A	sp Q1415	1	53	53	53	40	166.57	8405500000	9229000000	8422400000	7926800000	8313700000	9192300000
sp Q1415 UBAP2L	sp Q1415	1	20	20	20	34	114.53	2526100000	2520400000	2446900000	1924300000	2026800000	2060400000
sp Q14166 SCRIB	sp Q14166	2	10	10	10	12	174.88	411520000	315380000	404220000	402970000	472520000	251340000
sp Q14166 GIT2	sp Q14166	1	4	4	3	12	84.542	0	138520000	137890000	91468000	0	0
sp Q14166 MLEC	sp Q14166	1	7	7	7	30	32.233	391420000	402610000	401190000	381560000	444140000	550720000
sp Q14166 TTLL12	sp Q14166	1	25	25	25	52	74.403	3366000000	3773000000	3489300000	3390000000	3341200000	3534500000
sp Q1418 POLA2	sp Q1418	1	8	8	8	26	65.947	316170000	447570000	404690000	349960000	304460000	394450000
sp Q1419 FHL2	sp Q1419	1	11	11	11	56	32.193	1495200000	1277100000	1555300000	1317900000	1693900000	1352100000
sp Q1419 DPYSL3	sp Q1419	1	21	21	17	55	61.963	5628300000	4779400000	5421200000	4956500000	4546900000	5246200000
sp Q1419 MRPL58	sp Q1419	1	3	3	3	19	23.63	151320000	128850000	0	0	120760000	115260000
sp Q1420 ZMYM3	sp Q1420	1	2	2	2	4.3	152.38	0	0	0	0	0	7288500
sp Q1420 DCTN1	sp Q1420	1	28	28	28	31	141.69	1836600000	1488500000	1752300000	1402000000	1685600000	1550300000
sp Q1420 DYNC1H1	sp Q1420	1	##	164	##	42	532.4	2.4479E+10	2.483E+10	2.463E+10	25350000000	26183000000	2.5929E+10
sp Q1423 EIF2B1	sp Q1423	1	12	12	12	47	33.712	1040600000	1125800000	1060800000	1222600000	964210000	680970000
sp Q1424 EIF4A2	sp Q1424	1	15	3	3	43	46.402	145100000	64665000	240470000	0	134540000	161920000
sp Q1424 ELOA	sp Q1424	1	3	3	3	5.6	89.908	165030000	0	125860000	126510000	0	0
sp Q1424 MAP7	sp Q1424	1	7	7	7	12	84.051	0	391730000	398540000	0	397440000	354700000
sp Q1424 CTTN	sp Q1424	1	23	23	23	48	61.585	7109500000	5862300000	6915000000	4547400000	5302500000	5107900000
sp Q1424 ENDOG	sp Q1424	1	2	2	2	13	32.62	56501000	0	0	0	0	0
sp Q1425 FLOT2	sp Q1425	1	9	9	9	27	47.064	380470000	450350000	413120000	428000000	326060000	314100000
sp Q1425 RCN2	sp Q1425	1	9	9	9	47	36.876	682340000	569290000	638150000	726880000	1057100000	836640000
sp Q1425 TRIM25	sp Q1425	1	19	19	19	45	70.973	1645500000	1255600000	1651600000	1701300000	1445200000	1322800000
sp Q1431 FLNC	sp Q1431	1	57	44	44	33	291.02	3237000000	3167000000	3341000000	3891200000	3779600000	3842100000
sp Q1431 FKBP8	sp Q1431	1	6	6	6	19	44.561	556710000	594100000	461280000	540020000	615530000	0
sp Q1432 FAM50A	sp Q1432	2	8	8	8	31	40.241	1056800000	1159600000	1075400000	1020000000	1094900000	1090500000
sp Q1433 FRG1	sp Q1433	1	5	5	5	19	29.172	290670000	345980000	0	305150000	367520000	0

sp Q1434 GNA13	sp Q1434	1	3	3	3	10	44.049	131110000	130170000	134080000	124510000	144400000	116840000
sp Q1435 GAMT	sp Q1435	1	3	3	3	26	26.318	50151000	0	0	0	0	0
sp Q1437 GALE	sp Q1437	1	10	10	10	50	38.281	615790000	637270000	642870000	666890000	536820000	711930000
sp Q1443 PDE3A	sp Q1443	1	14	14	14	22	124.98	1427400000	1448400000	1419400000	1330000000	1272500000	1334400000
sp Q1444 CAPRIN1	sp Q1444	1	15	15	15	30	78.365	5255600000	5558300000	5461500000	4149600000	3986600000	4149700000
sp Q1449 RBM39	sp Q1449	1	12	12	12	29	59.379	1806600000	1983600000	2070800000	1795200000	1922400000	1777800000
sp Q1452 HLTF	sp Q1452	1	5	5	5	8.8	113.93	111010000	0	0	0	0	76279000
sp Q1455 PDIA5	sp Q1455	1	1	1	1	6.6	59.594	0	0	0	0	0	42712000
sp Q1455 PRPSAP1	sp Q1455	1	8	8	7	34	39.393	519290000	639230000	540900000	624350000	387240000	510370000
sp Q1456 DHX8	sp Q1456	1	8	7	7	11	139.31	179770000	240020000	157030000	174640000	141490000	153540000
sp Q1456 MCM6	sp Q1456	1	29	29	29	40	92.888	5619700000	6406400000	5263300000	5315300000	5522700000	4974300000
sp Q1457 ITPR3	sp Q1457	2	29	29	24	17	304.1	1299700000	1475200000	1486400000	1472700000	1533700000	1725600000
sp Q1464 ITPR1	sp Q1464	1	14	9	9	7.9	313.93	242050000	259900000	189250000	258370000	276240000	273540000
sp Q1465 PLS1	sp Q1465	1	6	3	3	14	70.253	60733000	76098000	0	70846000	43841000	73624000
sp Q1465 IRF3	sp Q1465	1	2	2	2	7.7	47.219	0	0	0	71337000	81429000	71642000
sp Q1466 TRIP12	sp Q1466	1	8	8	8	5.6	220.43	256150000	348250000	270160000	227060000	234170000	271310000
sp Q1467 PUM1	sp Q1467	2	14	14	14	16	126.47	465210000	422900000	449060000	403740000	433290000	431140000
sp Q1467 MDC1	sp Q1467	1	16	16	16	15	226.66	582100000	546670000	568850000	374700000	567260000	579020000
sp Q1467 CLINT1	sp Q1467	1	12	12	12	24	68.259	1698300000	1465500000	1192600000	1316800000	1576400000	1521100000
sp Q1468 MELK	sp Q1468	1	3	3	3	9.1	74.641	76909000	83080000	0	0	70941000	80704000
sp Q1468 SMC1A	sp Q1468	1	29	29	29	29	143.23	2063000000	2711300000	1995500000	1830000000	1999100000	2535400000
sp Q1468 RRP1B	sp Q1468	1	12	12	12	23	84.427	704450000	633620000	652490000	563740000	687470000	690980000
sp Q1469 PDCD11	sp Q1469	1	18	18	18	14	208.7	767060000	847360000	760930000	844110000	797800000	818610000
sp Q1469 GINS1	sp Q1469	1	2	2	2	15	22.988	0	91644000	0	0	0	0
sp Q1469 BMS1	sp Q1469	1	13	13	13	14	145.81	932460000	784510000	885800000	637950000	829580000	599790000
sp Q1469 USP10	sp Q1469	1	10	10	10	23	87.133	473350000	402720000	357160000	284590000	417850000	350080000
sp Q1469 MESD	sp Q1469	1	8	8	8	43	26.076	945910000	720390000	791060000	1035000000	1142000000	1467000000
sp Q1469 GANAB	sp Q1469	1	40	40	40	47	106.87	1.7962E+10	1.8981E+10	1.7638E+10	20766000000	18690000000	2.1429E+10
sp Q1472 MFSD10	sp Q1472	1	1	1	1	2.9	48.339	0	0	0	0	0	54598000
sp Q1473 PPP2R5D	sp Q1473	2	10	10	7	23	69.991	616960000	752810000	496120000	531500000	632150000	470480000
sp Q1473 LBR	sp Q1473	1	7	7	7	12	70.702	710030000	711100000	660290000	474820000	767140000	767910000
sp Q1476 MVP	sp Q1476	1	28	28	28	40	99.326	2885900000	2764700000	2813700000	2579200000	2547900000	2619300000
sp Q1478 GOLGB1	sp Q1478	1	16	16	16	7.6	376.01	625460000	789570000	845530000	664660000	618870000	687830000
sp Q1479 CASP8	sp Q1479	1	5	5	5	14	55.391	693930000	1138300000	1249000000	1026900000	1045200000	1295900000
sp Q1480 KIF22	sp Q1480	1	6	6	6	13	73.261	92878000	63083000	108560000	117780000	75278000	93178000
sp Q1483 CHD4	sp Q1483	2	38	38	32	30	218	2957800000	2863300000	3102000000	2897400000	2988300000	2905400000
sp Q1484 LASP1	sp Q1484	1	14	14	14	59	29.717	5426900000	5894800000	6219400000	4646800000	6026500000	4007900000
sp Q1491 PTGR1	sp Q1491	1	13	13	13	45	35.869	2728400000	2242300000	1981400000	1872100000	2332100000	2382100000
sp Q1491 DRAP1	sp Q1491	1	3	3	3	22	22.35	210950000	186490000	284430000	179360000	193790000	228200000

sp Q1496 ZNF638	sp Q1496	1	6	6	6	3	220.62	1551300000	1398200000	1584000000	1770200000	1975800000	1419500000
sp Q1497 KPNB1	sp Q1497	1	30	30	30	41	97.169	1.2228E+10	1.3841E+10	1.2216E+10	13000000000	11867000000	1.2574E+10
sp Q1497 NOLC1	sp Q1497	1	9	9	9	15	73.602	2078700000	1908400000	2315100000	1781900000	1985500000	2071900000
sp Q1498 NUMA1	sp Q1498	1	71	71	71	47	238.26	8597700000	7875900000	8324500000	8284100000	7682100000	7274000000
sp Q1499 PSME4	sp Q1499	1	7	7	7	5.3	211.33	0	126120000	121090000	127900000	115690000	101870000
sp Q14C8 GAPVD1	sp Q14C8	1	22	22	22	23	164.98	1435300000	1553300000	1630000000	1727000000	1688700000	1637200000
sp Q14CX NAA25	sp Q14CX	1	11	11	11	14	112.29	317260000	342650000	311270000	297980000	307380000	305360000
sp Q1500 NCAPH	sp Q1500	1	15	15	15	31	82.562	889110000	623750000	1167500000	885080000	912400000	787740000
sp Q1500 PCLAF	sp Q1500	1	1	1	1	16	11.986	0	0	24310000	0	0	0
sp Q1500 SPCS2	sp Q1500	1	7	7	7	39	25.003	1014900000	1108100000	947170000	1189500000	1342000000	1786800000
sp Q1500 EMC2	sp Q1500	1	5	5	5	23	34.833	221040000	659010000	367720000	579310000	633180000	548100000
sp Q1500 WTAP	sp Q1500	1	4	4	4	16	44.243	198400000	216760000	220380000	177020000	225690000	209410000
sp Q1500 PSMD6	sp Q1500	1	17	17	17	41	45.531	2587900000	2464600000	3307100000	2633900000	2476800000	2953400000
sp Q1501 MORF4L2	sp Q1501	1	6	5	5	26	32.307	198270000	224160000	233510000	146530000	96786000	107780000
sp Q1501 ABRAXAS	sp Q1501	1	6	6	6	20	46.9	0	141110000	185660000	0	0	0
sp Q1501 SEPT2	sp Q1501	1	13	13	13	52	41.487	4062700000	4557900000	3935400000	3789400000	4646400000	3630600000
sp Q1502 SART3	sp Q1502	1	7	7	7	10	109.93	437440000	390120000	489140000	381410000	439280000	576220000
sp Q1502 NCAPD2	sp Q1502	1	24	24	24	27	157.18	1969700000	1825600000	1860800000	1681600000	1740000000	1778700000
sp Q1502 SUZ12	sp Q1502	1	2	2	2	6.4	83.054	77827000	0	67991000	0	0	53537000
sp Q1502 EXOSC7	sp Q1502	1	9	9	9	43	31.821	1097100000	990960000	1167100000	1160300000	1286700000	1189600000
sp Q1502 EFTUD2	sp Q1502	1	40	39	39	59	109.43	7607500000	7054400000	7263200000	6844200000	6371200000	6566600000
sp Q1503 LARS2	sp Q1503	1	11	11	11	20	101.97	272940000	403440000	355140000	412250000	467060000	353710000
sp Q1503 SNX17	sp Q1503	1	4	4	4	15	52.901	0	0	0	0	0	69607000
sp Q1504 ARL6IP1	sp Q1504	1	2	2	2	8.9	23.362	0	0	0	0	0	720140000
sp Q1504 RAB3GAP	sp Q1504	1	10	10	10	14	110.52	431630000	178790000	484340000	289130000	586090000	358430000
sp Q1504 SLC39A1	sp Q1504	1	3	3	3	9.1	54.212	331390000	478600000	351780000	331620000	409330000	452610000
sp Q1504 KARS	sp Q1504	1	20	20	20	43	68.047	4857600000	5420200000	4593500000	4894800000	4151200000	5138000000
sp Q1505 RRS1	sp Q1505	1	9	9	9	33	41.193	474370000	919070000	627750000	720880000	665290000	842520000
sp Q1505 POLDD3	sp Q1505	1	3	3	3	9.7	51.4	182960000	203520000	233230000	157620000	202350000	226610000
sp Q1505 EIF4H	sp Q1505	1	10	10	10	50	27.385	4759200000	4507000000	4827800000	3430800000	4959700000	3315500000
sp Q1505 ACAP2	sp Q1505	1	1	1	1	2.4	88.028	0	0	0	0	23525000	0
sp Q1505 KIF14	sp Q1505	1	2	2	2	2.7	186.49	27820000	0	30848000	20725000	54849000	24665000
sp Q1506 WDR43	sp Q1506	1	11	11	11	26	74.89	1104800000	975270000	836180000	950180000	1202700000	791000000
sp Q1506 ACOX1	sp Q1506	1	11	11	11	32	74.423	629470000	736180000	688320000	752930000	887770000	728750000
sp Q1507 OXA1L	sp Q1507	1	3	3	3	7.4	48.547	127690000	332770000	266830000	136510000	198250000	223620000
sp Q1507 EEA1	sp Q1507	1	9	9	9	9.1	162.46	208230000	225210000	188740000	183530000	227740000	0
sp Q1508 PDIA6	sp Q1508	1	14	14	14	43	48.121	5647900000	6249200000	7077800000	7426300000	7706000000	6647800000
sp Q1510 PAFAH1B	sp Q1510	1	3	3	3	20	25.734	347630000	161160000	317060000	326500000	220630000	338230000
sp Q1512 PEA15	sp Q1512	1	5	5	5	62	15.04	240820000	350760000	258680000	239480000	205480000	231210000

sp Q1512 EBP	sp Q1512	1	3	3	3	17	26.352	2858100000	2846900000	2521100000	2487200000	2697700000	2224700000
sp Q1512 PMVK	sp Q1512	1	9	9	9	46	21.995	726690000	854130000	725180000	619560000	680010000	848450000
sp Q1514 PLEC	sp Q1514	1	##	262	##	58	531.78	1.1136E+11	1.254E+11	1.1758E+11	1.2391E+11	1.271E+11	1.2998E+11
sp Q1515 PCM1	sp Q1515	1	2	2	2	1.4	228.54	0	0	62506000	0	0	73868000
sp Q1515 NOMO1	sp Q1515	1	19	2	2	24	134.32	0	0	0	0	0	34001000
sp Q1516 PON2	sp Q1516	1	4	4	4	20	39.38	441340000	587470000	498690000	448100000	601040000	562700000
sp Q1518 PPA1	sp Q1518	1	18	18	18	70	32.66	6199700000	6557800000	6652300000	5676100000	5850100000	5454700000
sp Q1518 PTGES3	sp Q1518	1	7	7	7	51	18.697	7149400000	6792400000	7871600000	7023100000	7297100000	7272300000
sp Q1520 STK38	sp Q1520	2	4	4	4	10	54.19	124900000	110580000	107220000	102900000	97170000	113700000
sp Q1523 NONO	sp Q1523	1	25	24	23	60	54.231	1.8766E+10	1.8096E+10	1.7436E+10	17651000000	17992000000	2.0657E+10
sp Q1525 PTPA	sp Q1525	1	10	10	10	44	40.667	1008300000	969220000	690940000	898880000	819790000	465540000
sp Q1526 PTPRK	sp Q1526	1	1	1	1	1	162.1	0	0	0	0	30331000	0
sp Q1526 PWP2	sp Q1526	1	13	13	13	21	102.45	611490000	728700000	538160000	512700000	612830000	623250000
sp Q1527 RABEP1	sp Q1527	1	4	4	4	6.7	99.289	97771000	154150000	0	146850000	214250000	0
sp Q1528 RAB35	sp Q1528	1	4	4	4	24	23.025	617400000	672520000	511130000	1101900000	484750000	440800000
sp Q1528 RNPS1	sp Q1528	1	6	6	6	26	34.208	887520000	826370000	768080000	860650000	839720000	872640000
sp Q1529 RBBP5	sp Q1529	1	3	3	3	10	59.152	184240000	162450000	127150000	117280000	0	116430000
sp Q1529 RCN1	sp Q1529	1	15	15	15	65	38.89	3709400000	4903200000	4117600000	4988900000	5148800000	4758100000
sp Q1536 TMED2	sp Q1536	1	4	4	4	18	22.761	1036700000	628540000	1099000000	1227200000	887700000	1348600000
sp Q1536 PCBP1	sp Q1536	2	13	13	9	60	37.497	1.4357E+10	1.6546E+10	1.4434E+10	14598000000	16036000000	1.7989E+10
sp Q1536 PCBP2	sp Q1536	2	12	8	8	47	38.58	8167800000	6987800000	7629400000	7808600000	8200600000	8306100000
sp Q1536 ELOC	sp Q1536	1	7	7	7	66	12.473	3005700000	2968600000	1940300000	2379500000	3360500000	2818000000
sp Q1537 ELOB	sp Q1537	1	7	7	7	83	13.133	2346300000	1745800000	2677100000	2105300000	3231200000	1852200000
sp Q1538 RHEB	sp Q1538	1	7	7	7	36	20.497	545620000	589770000	591120000	577140000	635850000	530780000
sp Q1538 UBE3C	sp Q1538	1	6	6	6	8.5	123.92	100850000	85109000	82554000	80026000	79848000	82333000
sp Q1538 TOMM20	sp Q1538	1	1	1	1	9	16.298	0	0	0	0	0	282350000
sp Q1539 DHCR24	sp Q1539	1	6	6	6	13	60.101	851110000	1006000000	908970000	961230000	791050000	700660000
sp Q1539 SF3B3	sp Q1539	1	31	31	31	36	135.58	3993900000	3468500000	3906100000	4096500000	3816300000	3638500000
sp Q1539 PUM3	sp Q1539	1	14	14	14	30	73.584	659890000	701660000	617070000	596990000	370380000	608900000
sp Q1540 RSU1	sp Q1540	1	8	8	8	37	31.54	581380000	722660000	601100000	637870000	659890000	636740000
sp Q1541 CNN3	sp Q1541	1	11	10	10	48	36.413	947440000	727660000	458220000	508740000	755100000	317610000
sp Q1541 RPS6KA1	sp Q1541	1	12	8	7	22	82.722	338730000	233670000	471200000	333790000	257590000	379860000
sp Q1542 SAFB	sp Q1542	1	19	19	11	22	102.64	2397600000	2310000000	2699200000	2489600000	2599600000	2326600000
sp Q1542 SF3B4	sp Q1542	1	1	1	1	3.3	44.385	0	0	0	264590000	0	0
sp Q1542 SF3A2	sp Q1542	1	7	7	7	23	49.255	1551100000	1803900000	1231800000	1306100000	1510900000	2052300000
sp Q1543 PPP1R7	sp Q1543	1	8	8	8	30	41.564	242490000	334180000	249640000	446900000	255900000	265840000
sp Q1543 SEC23A	sp Q1543	1	18	18	16	33	86.16	2079600000	2397900000	2095900000	2300700000	2153300000	2175700000
sp Q1543 SEC23B	sp Q1543	1	13	11	11	24	86.478	556740000	536900000	589780000	463060000	469550000	477240000
sp Q1545 SF3A1	sp Q1545	1	24	24	24	36	88.885	3932400000	3432500000	3775500000	3875300000	4023100000	3879400000

sp Q1547 SKIV2L	sp Q1547	1	7	7	7	11	137.75	152720000	257300000	309940000	384400000	315700000	195880000
sp Q1552 SURF1	sp Q1552	1	4	4	4	21	33.331	208800000	275550000	396540000	148460000	83683000	151750000
sp Q1553 SS18	sp Q1553	1	1	1	1	1.9	45.929	0	0	17549000	0	0	0
sp Q1555 MAPRE2	sp Q1555	1	4	4	4	18	37.031	302630000	272960000	275060000	255820000	358910000	278170000
sp Q1558 TGFB1	sp Q1558	1	7	7	7	16	74.68	322480000	366130000	455410000	278580000	289670000	243250000
sp Q1559 SLC9A3R	sp Q1559	1	6	6	6	22	37.413	236330000	185590000	197580000	183230000	248370000	276280000
sp Q1563 TSN	sp Q1563	1	8	8	8	42	26.183	1284900000	1343400000	990610000	1118800000	1135200000	1091000000
sp Q1563 SF1	sp Q1563	1	13	13	13	31	68.329	2074000000	2095300000	2262500000	2077100000	2299900000	2144600000
sp Q1564 TRIP10	sp Q1564	1	8	8	8	21	68.351	374550000	378210000	335350000	453100000	411710000	281540000
sp Q1564 TRIP11	sp Q1564	1	3	3	3	1.7	227.58	0	0	0	0	0	161980000
sp Q1564 TRIP13	sp Q1564	1	16	16	16	40	48.55	4718600000	3503400000	4522300000	4639800000	4777000000	4780300000
sp Q1564 OASL	sp Q1564	1	4	4	4	12	59.225	0	84126000	0	79637000	0	0
sp Q1565 TRIP4	sp Q1565	1	6	6	6	15	66.145	91270000	0	106870000	0	103860000	97237000
sp Q1565 TRIP6	sp Q1565	1	15	15	15	59	50.287	1835800000	2088500000	1797200000	1798400000	1836200000	1943300000
sp Q1569 MAPRE1	sp Q1569	2	14	14	14	56	29.999	3952700000	3283100000	3940100000	3590900000	3548900000	4272000000
sp Q1571 TSC22D1	sp Q1571	1	1	1	1	1.1	109.68	0	0	0	0	0	17695000
sp Q1571 ELAVL1	sp Q1571	1	9	9	9	33	36.091	2868500000	2560000000	2705800000	2961000000	2998500000	2723200000
sp Q1573 NSDHL	sp Q1573	1	8	8	8	31	41.9	890090000	934900000	838140000	851520000	800900000	870310000
sp Q1574 MYLK	sp Q1574	1	1	1	1	0.4	210.71	0	0	0	0	0	43787000
sp Q1575 TAB1	sp Q1575	1	1	1	1	2.2	54.643	0	0	0	0	0	32282000
sp Q1575 SLC1A5	sp Q1575	1	11	11	11	31	56.598	1942600000	2197900000	2425200000	2534100000	2925600000	2607300000
sp Q1577 MLF2	sp Q1577	1	3	3	3	16	28.147	0	0	0	0	0	115370000
sp Q1578 TOMM34	sp Q1578	1	15	15	15	58	34.559	1464800000	1499600000	1575200000	1633000000	1769900000	1589900000
sp Q1579 SMAD2	sp Q1579	1	4	4	2	11	52.306	147830000	145790000	160890000	152130000	183420000	169090000
sp Q1580 MSMO1	sp Q1580	1	1	1	1	4.8	35.215	0	0	0	19500000	0	0
sp Q1581 TBCE	sp Q1581	1	6	6	6	17	59.345	97647000	227480000	170450000	126430000	0	0
sp Q1581 TBCC	sp Q1581	1	4	4	4	27	39.248	0	92821000	0	91091000	83380000	77929000
sp Q1583 STXBP2	sp Q1583	1	3	3	3	8.1	66.452	0	0	0	130780000	0	0
sp Q1583 VAMP3	sp Q1583	3	4	4	4	52	11.309	1441800000	924540000	900520000	1065100000	1448700000	1496100000
sp Q1584 NEDD8	sp Q1584	1	2	2	2	17	9.0714	0	711680000	740240000	0	417150000	0
sp Q1590 ATP6AP1	sp Q1590	1	6	6	6	16	52.025	241820000	145500000	188020000	130240000	188990000	197590000
sp Q1590 RAB11B	sp Q1590	2	13	13	13	61	24.488	3023000000	2997300000	3214000000	4008600000	3794500000	2842100000
sp Q1594 ZYX	sp Q1594	1	19	19	19	56	61.277	5669900000	5296300000	5034900000	5038500000	4560100000	4203500000
sp Q1613 ETFDH	sp Q1613	1	2	2	2	3.9	68.495	0	0	0	0	0	72583000
sp Q1618 SEPT7	sp Q1618	2	13	13	13	33	50.679	4454400000	4436000000	4212300000	3481200000	3449500000	3432000000
sp Q1618 ADRM1	sp Q1618	1	6	6	6	20	42.153	770390000	662720000	650940000	614900000	695820000	564160000
sp Q1620 CCDC6	sp Q1620	1	12	12	12	34	53.29	692720000	670870000	720270000	579510000	734720000	663700000
sp Q1622 UAP1	sp Q1622	1	9	9	8	23	58.768	693090000	611710000	866760000	609740000	729710000	736280000
sp Q1627 IGFBP7	sp Q1627	1	3	3	3	18	29.13	201220000	261790000	215000000	162280000	212200000	215780000

sp Q1640 PSMD5	sp Q1640	1	20	20	20	56	56.195	3184600000	3663500000	4364700000	3606200000	3784300000	3486100000
sp Q1651 PKN2	sp Q1651	1	13	13	13	23	112.03	636110000	592300000	577400000	597820000	642650000	525650000
sp Q1652 CSRP2	sp Q1652	1	3	3	3	18	20.954	156360000	233590000	160390000	135340000	0	151500000
sp Q1653 DDB1	sp Q1653	1	36	36	36	38	126.97	4485000000	4132400000	4129000000	3441800000	3053300000	3857800000
sp Q1653 PPP2R5E	sp Q1653	1	4	3	3	11	54.699	307140000	191510000	249040000	161800000	187550000	168850000
sp Q1653 MAPK14	sp Q1653	1	6	6	6	23	41.293	197390000	201480000	207360000	182860000	216270000	230620000
sp Q1654 CDC37	sp Q1654	1	11	11	11	33	44.468	3733600000	3352000000	3185500000	3340900000	3629500000	3239700000
sp Q1655 DPYSL2	sp Q1655	1	19	16	15	45	62.293	3751000000	2987700000	3852200000	3125300000	3168600000	2811100000
sp Q1656 SYPL1	sp Q1656	1	3	3	3	20	28.565	441240000	556880000	511120000	424250000	548320000	482840000
sp Q1657 RBBP7	sp Q1657	1	14	14	10	45	47.82	5557800000	6506900000	5549600000	4711000000	5449600000	5219000000
sp Q1659 FXN	sp Q1659	1	2	2	2	13	23.135	0	0	0	0	0	91802000
sp Q1661 BAK1	sp Q1661	1	1	1	1	16	23.408	0	0	0	0	0	36470000
sp Q1662 MEA1	sp Q1662	1	2	2	2	16	19.904	0	0	0	0	0	138130000
sp Q1662 SRSF7	sp Q1662	1	6	5	5	25	27.366	2310300000	1363300000	2362300000	2805300000	3009200000	2552100000
sp Q1663 CPSF6	sp Q1663	1	9	9	9	23	59.209	1361200000	1510500000	1386500000	1400700000	1249800000	1654700000
sp Q1663 SMN1	sp Q1663	1	5	5	5	31	31.848	247550000	364430000	363430000	238870000	314960000	321710000
sp Q1664 DBN1	sp Q1664	1	16	16	16	38	71.428	3905900000	3444600000	3380000000	2786100000	3471700000	3168700000
sp Q1664 MAPKAPK	sp Q1664	2	2	2	2	8.1	42.987	0	108260000	0	0	107860000	125930000
sp Q1665 FSCN1	sp Q1665	1	27	27	27	62	54.529	2.3897E+10	2.6226E+10	2.3974E+10	24355000000	21623000000	2.3893E+10
sp Q1666 IFI16	sp Q1666	2	15	15	15	26	88.255	1251300000	1229400000	1114500000	1696100000	1109300000	1418600000
sp Q1669 DECR1	sp Q1669	1	6	6	6	23	36.067	671580000	470270000	576350000	672810000	634800000	589910000
sp Q1670 MAN2A1	sp Q1670	1	3	3	3	3.1	131.14	102670000	0	0	0	0	0
sp Q1671 NDUFA5	sp Q1671	1	5	5	5	66	13.459	431740000	538920000	416940000	425400000	536240000	475570000
sp Q1671 KYNU	sp Q1671	1	20	20	20	50	52.351	5689900000	6661200000	6348000000	5869000000	5506400000	6121500000
sp Q1674 CLPP	sp Q1674	1	5	5	5	27	30.18	379030000	298560000	351880000	317490000	498210000	491280000
sp Q1676 TST	sp Q1676	1	3	3	3	15	33.429	0	0	113690000	0	0	0
sp Q1676 UBE2S	sp Q1676	1	7	7	7	45	23.845	354490000	302530000	217080000	211240000	230240000	404150000
sp Q1677 GUK1	sp Q1677	1	5	5	5	33	21.725	0	294580000	172500000	0	427820000	161480000
sp Q1677 HAGH	sp Q1677	1	3	3	3	9.4	33.805	0	0	0	77083000	0	0
sp Q1679 NDUFA9	sp Q1679	1	7	7	7	25	42.509	498360000	655350000	619430000	359160000	300670000	299820000
sp Q1679 ME3	sp Q1679	1	2	2	2	6	67.068	0	25432000	0	33162000	23515000	21258000
sp Q1682 PCK2	sp Q1682	2	9	9	9	23	70.698	226240000	186300000	261830000	340140000	352210000	342520000
sp Q1683 UPP1	sp Q1683	1	1	1	1	3.2	33.934	0	0	0	0	0	27968000
sp Q1683 HADH	sp Q1683	1	10	10	10	40	34.293	1138100000	1962300000	1065800000	1243400000	1237500000	1545500000
sp Q1685 CYP51A1	sp Q1685	1	8	8	8	19	56.805	402590000	340070000	474110000	311690000	326160000	294150000
sp Q1685 UGP2	sp Q1685	1	12	12	12	30	56.94	1461500000	1508000000	1684400000	1601100000	1817700000	1605400000
sp Q1688 UGT8	sp Q1688	1	2	2	2	4.6	61.437	72588000	57474000	84832000	58270000	0	0
sp Q1688 TXNRD1	sp Q1688	1	27	27	26	50	70.905	1.3338E+10	1.3386E+10	1.3355E+10	15066000000	13286000000	1.2877E+10
sp Q1689 TPD52L1	sp Q1689	1	3	3	3	27	22.449	242960000	140850000	150460000	0	0	0

sp Q1689 IMMT	sp Q1689	1	26	26	26	49	83.677	5125600000	4736100000	4028000000	5330600000	6021100000	5848600000
sp Q17RY LY6K	sp Q17RY	1	2	2	2	13	18.673	124730000	159610000	0	0	0	0
sp Q1ED3 KNOP1	sp Q1ED3	1	2	2	2	5.5	51.588	0	0	0	0	0	115230000
sp Q1KMT HNRNPU	sp Q1KMT	1	23	23	23	36	85.104	4177200000	4308200000	4072200000	4583500000	4275600000	3934500000
sp Q27J8 INF2	sp Q27J8	1	21	21	21	30	135.62	1095200000	986090000	974490000	877940000	1035700000	1013700000
sp Q2996 HLA-C	sp Q2996	4	12	9	0	46	40.968	1705500000	1473100000	1526400000	1573600000	1692100000	2128700000
sp Q29RF PDS5A	sp Q29RF	1	22	22	20	23	150.83	951380000	1298300000	1165400000	1058200000	1130100000	883760000
sp Q2KHF QSER1	sp Q2KHF	1	2	2	2	2.3	189.97	0	0	0	14429000	13751000	14539000
sp Q2M2I AAK1	sp Q2M2I	1	3	3	3	7.5	103.88	0	108120000	180230000	0	0	242370000
sp Q2M38 WASHC4	sp Q2M38	1	6	6	6	7.1	136.4	83266000	63548000	85578000	102850000	87881000	94390000
sp Q2NL8 TSR1	sp Q2NL8	1	15	15	15	27	91.809	896600000	904580000	838290000	845800000	663510000	838030000
sp Q2PZI DPY19L1	sp Q2PZI	2	3	3	3	6.7	77.318	0	0	0	102890000	102430000	0
sp Q2TAA IAH1	sp Q2TAA	1	1	1	1	6.5	27.598	0	0	0	0	0	10880000
sp Q2TAL QRICH1	sp Q2TAL	1	9	9	9	18	86.435	239650000	398450000	267570000	557370000	405340000	377840000
sp Q2TAY SMU1	sp Q2TAY	1	15	15	15	44	57.543	1723200000	1997900000	1882400000	1350100000	1157900000	1446600000
sp Q2VPK CTU2	sp Q2VPK	1	2	2	2	6.4	56.107	0	0	0	0	38485000	0
sp Q32MZ LRRFIP1	sp Q32MZ	1	12	12	11	22	89.252	1823700000	1452900000	1393400000	1511000000	1568400000	1751400000
sp Q32P2 P3H1	sp Q32P2	1	17	17	16	33	83.393	1247800000	1226100000	1012100000	1090400000	1103700000	1159600000
sp Q32P4 TRMT5	sp Q32P4	1	1	1	1	2.9	58.246	0	0	0	0	0	55699000
sp Q3B72 TWISTNB	sp Q3B72	1	1	1	1	4.7	37.432	0	0	0	0	0	137960000
sp Q3KQL MAP7D1	sp Q3KQL	1	8	8	8	16	92.819	478070000	404350000	442650000	431890000	499580000	380220000
sp Q3LXA TKFC	sp Q3LXA	1	5	5	5	17	58.946	215100000	180520000	154170000	200930000	188490000	157560000
sp Q3MHI LSM12	sp Q3MHI	1	2	2	2	12	21.701	269480000	354650000	303110000	339770000	401600000	345550000
sp Q3SXM HSDL1	sp Q3SXM	1	1	1	1	3.3	37.001	0	0	0	0	0	33231000
sp Q3V6T CCDC88A	sp Q3V6T	1	3	3	3	1.7	216.04	126830000	0	0	0	0	144490000
sp Q3YEC RABL6	sp Q3YEC	1	4	4	4	7.3	79.548	0	0	0	0	209790000	0
sp Q3ZAC VMA21	sp Q3ZAC	1	1	1	1	12	11.354	0	125360000	0	0	0	0
sp Q3ZCN TUBB8	sp Q3ZCN	1	10	2	2	25	49.775	1.3874E+10	1.5187E+10	9164300000	13379000000	13805000000	1.0997E+10
sp Q3ZCC TIMM50	sp Q3ZCC	1	7	7	7	27	39.646	628120000	778510000	640540000	623080000	771110000	595320000
sp Q49A2 GLYR1	sp Q49A2	1	6	6	6	16	60.556	181860000	199780000	248390000	170570000	259510000	221850000
sp Q49AR C5orf22	sp Q49AR	1	2	2	2	12	49.967	0	0	25183000	0	0	0
sp Q4G0F VPS26B	sp Q4G0F	1	1	1	1	3.3	39.154	0	0	0	0	20308000	0
sp Q4G0J LARP7	sp Q4G0J	1	6	6	6	13	66.898	223690000	153340000	177320000	197280000	248800000	216570000
sp Q4G0N NADK2	sp Q4G0N	1	7	7	7	24	49.432	702140000	568040000	708390000	631830000	618390000	889240000
sp Q4J6C PREPL	sp Q4J6C	1	5	5	5	12	83.926	132340000	121470000	210910000	103340000	109160000	0
sp Q4KMF TBC1D10	sp Q4KMF	1	2	2	2	5.7	87.198	110900000	209650000	0	0	0	0
sp Q4KMC ANO6	sp Q4KMC	1	1	1	1	2.4	106.16	0	0	0	0	0	47713000
sp Q4KWI PLCH1	sp Q4KWI	1	2	2	2	2.6	189.22	0	371370000	0	0	0	0
sp Q4V32 GRIPAP1	sp Q4V32	1	9	9	9	21	95.988	161630000	121120000	124800000	170530000	199120000	113480000

sp Q4VC3	CCDC58	sp Q4VC3	1	4	4	4	37	16.62	364620000	280410000	182730000	323630000	441810000	206030000
sp Q52LJ0	FAM98B	sp Q52LJ0	1	6	6	6	30	37.19	740640000	666530000	613080000	992250000	1118900000	710820000
sp Q53EL	PDCD4	sp Q53EL	1	11	11	11	33	51.735	1445700000	1604300000	1474800000	540070000	570580000	534590000
sp Q53EP	FNDC3B	sp Q53EP	1	5	5	5	6.6	132.89	294490000	252520000	326420000	237970000	211570000	270540000
sp Q53F1	NCBP3	sp Q53F1	1	1	1	1	2.1	70.592	0	0	49910000	0	0	0
sp Q53FT	HIKESHI	sp Q53FT	1	2	2	2	15	21.627	0	0	0	108770000	0	0
sp Q9P0S	ORMDL1	sp Q9P0S	3	2	2	2	17	17.371	270660000	302310000	291340000	398350000	330170000	376540000
sp Q53G4	IFI44L	sp Q53G4	1	2	2	2	6.2	51.322	0	0	0	0	492810000	0
sp Q53GC	HSD17B1	sp Q53GC	1	6	6	6	25	34.324	641000000	678100000	598870000	602720000	661830000	815970000
sp Q53GS	GLE1	sp Q53GS	1	3	3	3	7.4	79.835	0	0	0	0	0	47206000
sp Q53GS	USP39	sp Q53GS	1	9	9	9	23	65.38	838410000	655920000	830280000	718850000	797750000	693540000
sp Q53H1	AGK	sp Q53H1	1	7	7	7	26	47.137	294610000	404130000	279640000	358230000	359760000	182100000
sp Q53H8	LACTB2	sp Q53H8	1	2	2	2	6.9	32.805	0	0	0	0	0	38573000
sp Q53H9	PYCR3	sp Q53H9	1	6	6	6	33	28.663	0	0	0	0	0	194000000
sp Q53HC	EIPR1	sp Q53HC	1	3	3	3	11	43.603	0	0	0	0	136300000	0
sp Q53HL	CDCA8	sp Q53HL	1	2	2	2	9.6	31.323	62654000	79071000	74838000	92178000	88249000	909300000
sp Q53QV	LBH	sp Q53QV	1	1	1	1	16	12.217	0	0	0	0	0	17812000
sp Q53S0	RAB6D	sp Q53S0	2	2	1	1	12	28.242	0	0	0	0	31640000	0
sp Q53T5	HS1BP3	sp Q53T5	1	1	1	1	4.3	42.78	0	0	0	0	0	10673000
sp Q562R	ACTBL2	sp Q562R	1	6	1	1	18	42.003	0	0	0	0	0	187390000
sp Q567V	MPV17L2	sp Q567V	1	1	1	1	7.8	23.18	0	0	0	0	0	61045000
sp Q56VL	OCIAD2	sp Q56VL	1	4	4	4	23	16.953	320520000	428140000	322530000	293570000	342870000	399300000
sp Q58FF	HSP90AB	sp Q58FF	1	6	1	1	11	58.264	0	0	0	0	440770000	0
sp Q58FF	HSP90AB	sp Q58FF	1	14	1	1	27	44.348	1533900000	2268900000	1943400000	1709600000	1124800000	1667200000
sp Q5BJD	TMEM41E	sp Q5BJD	1	1	1	1	6.5	32.513	0	251590000	198250000	216790000	294040000	155000000
sp Q5BJF	TMEM97	sp Q5BJF	1	2	2	2	13	20.848	166640000	0	0	166620000	142150000	0
sp Q5BJH	YIF1B	sp Q5BJH	1	2	2	2	17	34.435	0	0	0	0	51790000	0
sp Q5BKZ	ZNF326	sp Q5BKZ	1	11	11	11	25	65.653	1064100000	989730000	989840000	916080000	1085300000	1157200000
sp Q5EBL	PDZD11	sp Q5EBL	1	1	1	1	19	16.131	0	0	0	30474000	0	0
sp Q5F1R	DNAJC21	sp Q5F1R	1	7	7	7	17	62.027	269560000	342830000	328550000	322370000	290510000	249210000
sp Q5GLZ	HERC4	sp Q5GLZ	1	4	4	4	6.1	118.56	116250000	114540000	150740000	144560000	116040000	113000000
sp Q5H9R	PPP6R3	sp Q5H9R	1	15	15	15	22	97.668	1908200000	1962200000	2241700000	1778700000	1884800000	2191800000
sp Q5HYI	RABL3	sp Q5HYI	1	1	1	1	8.9	26.422	0	54713000	0	0	66551000	0
sp Q5JPE	NOMO2	sp Q5JPE	2	19	19	2	24	139.44	1436500000	1413700000	1365200000	1556700000	1433700000	1508100000
sp Q5JRA	MIA3	sp Q5JRA	1	4	4	4	2.8	213.7	0	0	0	138050000	0	0
sp Q5JRX	PITRM1	sp Q5JRX	1	14	14	14	19	117.41	876060000	975600000	945420000	1074600000	1342200000	1099300000
sp Q5JS5	PSMG4	sp Q5JS5	1	1	1	1	20	13.775	124650000	0	0	0	144710000	106650000
sp Q5JSH	WDR44	sp Q5JSH	1	5	5	5	8.7	101.37	92411000	252420000	315890000	191810000	256640000	207120000
sp Q5JSL	DOCK11	sp Q5JSL	1	1	1	1	0.7	237.67	0	0	0	0	0	53570000

sp Q5JSZ PRRC2B	sp Q5JSZ	1	2	1	1	1.2	242.96	0	0	0	0	0	15103000
sp Q5JTH RRP12	sp Q5JTH	1	18	18	18	17	143.7	917650000	751810000	725660000	892120000	920370000	797100000
sp Q5JTJ COA6	sp Q5JTJ	1	4	4	4	34	14.116	629840000	609050000	767240000	450030000	604050000	0
sp Q5JTV TOR1AIP	sp Q5JTV	1	11	11	10	24	66.248	1323500000	1093500000	1327100000	1206200000	1377200000	1867200000
sp Q5JTZ AARS2	sp Q5JTZ	1	2	2	2	3.8	107.34	102190000	37813000	0	0	0	129600000
sp Q5JUR TEX30	sp Q5JUR	1	1	1	1	4.8	25.585	0	0	0	0	62148000	0
sp Q5JVF PCID2	sp Q5JVF	1	5	5	5	16	46.029	342340000	361750000	376260000	373830000	256250000	428250000
sp Q5K65 SAMD9	sp Q5K65	1	10	10	10	9.8	184.28	439410000	374340000	394780000	339530000	517830000	325380000
sp Q5M77 SPECC1	sp Q5M77	1	8	8	8	11	118.58	221190000	371130000	177890000	265240000	241390000	216700000
sp Q5MIZ PPP4R3B	sp Q5MIZ	1	5	2	2	6.7	97.457	293760000	290880000	417390000	286830000	233940000	267830000
sp Q5QJE DNTTIP2	sp Q5QJE	1	9	9	9	16	84.468	428400000	477930000	303060000	428660000	480230000	408270000
sp Q5R3I4 TTC38	sp Q5R3I4	1	1	1	1	4.3	52.787	0	0	0	0	0	32002000
sp Q5RI15 COX20	sp Q5RI15	1	3	3	3	32	13.291	270580000	333190000	293390000	367540000	292110000	421330000
sp Q5RKV EXOSC6	sp Q5RKV	1	6	6	6	27	28.235	535050000	426310000	384770000	400160000	451730000	465310000
sp Q5SNT TMEM201	sp Q5SNT	1	3	3	3	5.1	72.235	0	0	0	114790000	0	0
sp Q5SRE NUP188	sp Q5SRE	1	14	14	14	11	196.04	337150000	398250000	355730000	315700000	275040000	244310000
sp Q5SSJ HP1BP3	sp Q5SSJ	1	12	12	12	23	61.206	1134300000	1259600000	1234500000	1237200000	1379000000	1343400000
sp Q5SW7 CEP170	sp Q5SW7	2	6	6	6	5.7	175.29	195700000	252570000	195190000	229620000	301590000	0
sp Q5SWX ODR4	sp Q5SWX	1	3	3	3	11	51.103	116380000	0	0	0	127520000	0
sp Q5SY1 NOL9	sp Q5SY1	1	6	6	6	13	79.322	381480000	367270000	382840000	269320000	256660000	297570000
sp Q5T0F CC2D1B	sp Q5T0F	1	3	3	3	7.1	94.223	0	0	0	77223000	0	0
sp Q5T0N FNBP1L	sp Q5T0N	1	2	2	2	5.8	70.065	0	0	0	0	0	25814000
sp Q5T1C THEM4	sp Q5T1C	1	1	1	1	5	27.129	0	0	0	0	15164000	0
sp Q5T1M FKBP15	sp Q5T1M	1	6	6	6	7.8	133.63	143470000	106660000	93316000	170740000	125620000	137970000
sp Q5T20 ZC3H13	sp Q5T20	1	3	3	3	2.5	196.63	333420000	166380000	385680000	289050000	376470000	358840000
sp Q5T28 SPOUT1	sp Q5T28	1	4	4	4	17	42.008	0	303310000	0	245220000	0	0
sp Q5T3I0 GPATCH4	sp Q5T3I0	1	4	4	4	16	50.381	82850000	67807000	0	0	84955000	81880000
sp Q5T4S UBR4	sp Q5T4S	1	49	49	49	14	573.83	1980200000	1916000000	1821500000	1803100000	1851900000	1988700000
sp Q5T5C STXBP5	sp Q5T5C	1	2	2	2	2.3	127.57	0	0	0	0	0	46456000
sp Q5T5P KIAA1217	sp Q5T5P	1	3	3	3	1.7	214.11	0	54125000	47162000	0	0	0
sp Q5T65 MRPL2	sp Q5T65	1	3	3	3	18	33.3	334430000	319780000	0	331830000	342450000	0
sp Q5T6F UBAP2	sp Q5T6F	1	12	12	12	22	117.11	1038400000	926080000	943030000	886840000	1054300000	986870000
sp Q5T6V C9orf64	sp Q5T6V	1	5	5	5	12	39.028	175770000	224260000	150840000	197330000	153350000	107050000
sp Q5T8D ACBD5	sp Q5T8D	2	2	2	2	3.6	60.091	386030000	380200000	255480000	408440000	0	0
sp Q5T8P RBM26	sp Q5T8P	1	12	12	11	14	113.6	481730000	531220000	374760000	672690000	462290000	588300000
sp Q5T9A ATAD3B	sp Q5T9A	1	20	7	6	36	72.572	742950000	769250000	472800000	551900000	812610000	723580000
sp Q5T9L WLS	sp Q5T9L	1	2	2	2	5.9	62.253	128450000	0	0	0	104590000	0
sp Q5TA5 CTPT	sp Q5TA5	1	1	1	1	10	24.365	0	0	0	0	32844000	0
sp Q5TAG DCAF8	sp Q5TAG	1	1	1	1	1.8	66.851	0	0	0	0	36496000	0

sp Q5TC1 ATPAF1	sp Q5TC1	1	2	2	2	9.5	36.436	0	0	0	95371000	0	0
sp Q5TDH DDI2	sp Q5TDH	1	5	5	5	21	44.522	431340000	253060000	393570000	363850000	328440000	287930000
sp Q5TFE NT5DC1	sp Q5TFE	1	9	9	9	30	51.844	409500000	640520000	501780000	607120000	539370000	493440000
sp Q5TGZ MINOS1	sp Q5TGZ	1	2	2	2	19	8.8081	0	0	0	743220000	0	0
sp Q5THJ VPS13D	sp Q5THJ	1	1	1	1	0.4	491.91	0	0	0	0	1876500000	0
sp Q5THK PRR14L	sp Q5THK	1	1	1	1	0.8	237.3	0	0	0	0	0	281830000
sp Q5TZA CROCC	sp Q5TZA	1	1	1	1	0.4	228.52	0	0	0	0	0	874450000
sp Q5U3C TMEM164	sp Q5U3C	1	1	1	1	6.1	33.507	0	0	0	0	0	0
sp Q5U5X LYRM7	sp Q5U5X	1	3	3	3	40	11.955	249650000	244070000	276530000	249050000	0	0
sp Q5U64 C12orf60	sp Q5U64	1	1	1	1	3.3	27.626	0	0	0	0	0	107730000
sp Q5UC0 EMC10	sp Q5UC0	1	1	1	1	6.5	27.347	0	0	0	0	86965000	0
sp Q5UIP RIF1	sp Q5UIP	1	9	9	9	5.5	274.46	198350000	315410000	288230000	240590000	279300000	284690000
sp Q5VSL STRIP1	sp Q5VSL	1	4	4	4	8.4	95.575	75392000	0	0	0	87095000	60190000
sp Q5VT2 CDC42BP	sp Q5VT2	1	3	3	2	1.6	197.3	0	271750000	0	0	354980000	0
sp Q5VT5 RPRD2	sp Q5VT5	1	13	13	13	16	156.02	269890000	318210000	297230000	295510000	274120000	261150000
sp Q5VT6 MARC1	sp Q5VT6	2	3	3	3	17	37.499	105290000	101940000	83823000	141080000	79215000	109450000
sp Q5VT7 ANXA8L1	sp Q5VT7	2	9	9	9	39	36.879	771970000	938520000	517990000	751250000	798250000	667240000
sp Q5VTL PRPF38B	sp Q5VTL	1	2	2	2	3.8	64.467	0	0	0	0	0	87961000
sp Q5VTR RNF20	sp Q5VTR	1	8	8	6	10	113.66	362550000	345720000	381280000	363450000	418290000	436230000
sp Q5VV4 CDKAL1	sp Q5VV4	1	1	1	1	2.1	65.111	0	0	0	0	0	24205000
sp Q5VW3 BROX	sp Q5VW3	1	6	6	6	25	46.476	570270000	497210000	426180000	447730000	554980000	549050000
sp Q5VW3 FOCAD	sp Q5VW3	1	4	4	4	3.6	200.07	398800000	343270000	0	273650000	249070000	310760000
sp Q5VYK ECPAS	sp Q5VYK	1	27	27	27	22	204.29	1682700000	1473800000	1619100000	1408400000	1476900000	1541100000
sp Q5VZF MBNL2	sp Q5VZF	1	3	1	1	7.5	40.517	0	0	0	0	0	16310000
sp Q5VZK CARMIL1	sp Q5VZK	1	3	3	3	3	151.56	293740000	211820000	304970000	0	185270000	255110000
sp Q5VZL ZMYM4	sp Q5VZL	1	2	2	2	1.9	172.79	0	0	0	0	0	81062000
sp Q5XKF MIC13	sp Q5XKF	1	2	2	2	33	13.087	114490000	56559000	0	0	0	61970000
sp Q5ZPR CD276	sp Q5ZPR	1	3	3	3	12	57.235	401960000	388880000	258720000	502040000	388930000	418550000
sp Q63HN RNF213	sp Q63HN	1	11	11	11	2.9	591.4	187830000	217660000	178370000	173690000	150670000	153500000
sp Q63ZY KANK2	sp Q63ZY	1	8	8	8	14	91.173	166740000	187190000	187070000	207360000	210570000	242630000
sp Q641Q WASHC2	sp Q641Q	2	10	10	1	14	147.18	249070000	295300000	328950000	224300000	256620000	238560000
sp Q658Y FAM91A1	sp Q658Y	1	4	4	4	7.3	93.908	62449000	53287000	57212000	0	0	59403000
sp Q66K1 TBC1D9B	sp Q66K1	1	3	3	3	3.7	140.52	0	0	0	0	0	188280000
sp Q66K7 MAP1S	sp Q66K7	1	2	2	2	3	112.21	59764000	36354000	45651000	61336000	45279000	34645000
sp Q66PJ ARL6IP4	sp Q66PJ	1	1	1	1	3.8	44.915	0	0	0	0	0	71006000
sp Q68CF ARID2	sp Q68CF	1	3	3	3	2.1	197.39	0	0	0	0	0	114730000
sp Q68CZ TNS3	sp Q68CZ	2	10	10	9	12	155.26	294500000	448070000	353740000	475190000	269690000	312480000
sp Q68DH LMBRD2	sp Q68DH	1	1	1	1	3	81.171	0	0	0	0	0	19736000
sp Q68E0 INTS3	sp Q68E0	1	4	4	4	7.3	118.07	230870000	250940000	141560000	177990000	170980000	244060000

sp Q68EM ARHGAP	sp Q68EM	1	16	16	16	36	95.436	1386000000	986370000	1103100000	1222500000	1435000000	1093500000
sp Q69YL NCBP2-A	sp Q69YL	1	1	1	1	14	10.89	0	0	0	0	30496000	0
sp Q69YN CWF19L1	sp Q69YN	1	5	5	5	14	60.618	98930000	80037000	122710000	161560000	87364000	0
sp Q69YN VIRMA	sp Q69YN	1	3	3	3	2.6	202.02	0	0	42965000	36344000	39501000	0
sp Q6DD8 ZNF787	sp Q6DD8	1	2	2	2	8.1	40.428	0	0	0	0	0	16918000
sp Q6DD8 ATL3	sp Q6DD8	1	14	14	14	44	60.541	2237200000	2539700000	1868100000	2565200000	2210600000	2425400000
sp Q6DKI RPL7L1	sp Q6DKI	1	2	2	2	11	28.661	279130000	240000000	0	0	0	0
sp Q6DKJ NXN	sp Q6DKJ	1	5	5	5	15	48.392	108060000	126400000	98958000	134780000	147440000	135980000
sp Q6EEV POLR2M	sp Q6EEV	1	2	2	2	25	15.131	96313000	145010000	104240000	91462000	130710000	0
sp Q6EMH VASN	sp Q6EMH	1	2	2	2	6.5	71.712	0	84031000	0	0	0	0
sp Q6FI8 CIAPIN1	sp Q6FI8	1	6	6	6	26	33.582	317090000	272480000	273710000	201580000	310980000	331960000
sp Q6GMV PTRHD1	sp Q6GMV	1	4	4	4	42	15.805	285980000	267900000	299390000	258060000	275840000	226640000
sp Q6I9Y2 THOC7	sp Q6I9Y2	1	3	3	3	18	23.743	0	0	0	65495000	0	0
sp Q6IA86 ELP2	sp Q6IA86	1	8	8	8	10	92.499	537000000	577910000	480330000	628260000	538330000	544790000
sp Q6IAA8 LAMTOR	sp Q6IAA8	1	6	6	6	57	17.745	388560000	320900000	421020000	385020000	486810000	401790000
sp Q6IAN0 DHRS7B	sp Q6IAN0	1	4	4	4	16	35.119	94114000	0	0	89326000	110590000	128030000
sp Q6IBS0 TWF2	sp Q6IBS0	1	14	14	11	50	39.548	2229400000	2201900000	2251200000	1505000000	2091100000	1585600000
sp Q6IBW NCAPH2	sp Q6IBW	1	2	2	2	8.1	68.226	0	0	0	0	0	46677000
sp Q6IN85 PPP4R3A	sp Q6IN85	1	6	6	3	8.8	95.367	0	213960000	186230000	164220000	0	150540000
sp Q6IQ49 SDE2	sp Q6IQ49	1	1	1	1	3.1	49.741	0	0	0	0	0	71693000
sp Q6KC7 NIPBL	sp Q6KC7	1	10	10	10	5.2	316.05	284520000	325050000	0	473200000	214460000	275460000
sp Q6L8Q PDE12	sp Q6L8Q	1	7	7	7	22	67.351	557820000	496690000	446620000	466190000	555990000	464260000
sp Q6NUK SLC25A2	sp Q6NUK	1	15	15	15	38	53.354	1183100000	1165300000	1034800000	1151900000	1067100000	1294400000
sp Q6NUN RETSAT	sp Q6NUN	1	3	3	3	6.7	66.819	0	0	63311000	0	0	0
sp Q6NU0 TMEM214	sp Q6NU0	1	3	3	3	5.5	77.15	0	0	0	0	0	124950000
sp Q6NVY HIBCH	sp Q6NVY	1	6	6	6	17	43.482	433630000	291010000	348930000	525110000	482070000	234330000
sp Q6NXE ARMC6	sp Q6NXE	1	5	5	5	11	54.141	260740000	240080000	229110000	273880000	193890000	212830000
sp Q6NXF TTI2	sp Q6NXF	1	2	2	2	5.9	56.914	0	0	0	0	0	24268000
sp Q6NY0 JMJD6	sp Q6NY0	1	6	6	6	23	46.461	235420000	239940000	239870000	226470000	219020000	217370000
sp Q6NY0 PPP1R18	sp Q6NY0	1	8	8	8	25	67.942	328700000	311900000	492150000	548590000	416320000	531750000
sp Q6P58 MZT2A	sp Q6P58	2	1	1	1	14	16.22	0	0	0	0	0	46431000
sp Q6NZI2 CAVIN1	sp Q6NZI2	1	10	10	10	37	43.476	2615600000	2927300000	2979000000	3562000000	3161100000	2905100000
sp Q6P0Q MAST2	sp Q6P0Q	1	2	1	1	1.7	196.43	0	0	0	0	0	90567000
sp Q6P15 DHX57	sp Q6P15	1	3	3	3	3.5	155.6	0	314050000	0	0	0	0
sp Q6P16 MRPL54	sp Q6P16	1	2	2	2	41	15.819	0	103780000	74647000	121020000	0	0
sp Q6P1A LPCAT3	sp Q6P1A	1	4	4	4	12	56.034	0	0	149580000	0	0	188230000
sp Q6P1J CDC73	sp Q6P1J	1	14	14	14	28	60.576	706380000	691250000	696710000	691660000	837050000	596410000
sp Q6P1K PMF1	sp Q6P1K	1	1	1	1	5.9	23.339	0	0	0	0	0	22896000
sp Q6P1L MRPL14	sp Q6P1L	1	3	3	3	23	15.947	128280000	154710000	128970000	162100000	187670000	168060000

sp Q6P1M SLC27A4	sp Q6P1M	1	6	6	6	14	72.063	184870000	146020000	203800000	195900000	196210000	151930000
sp Q6P1N CC2D1A	sp Q6P1N	1	6	6	6	9.4	104.06	0	79452000	140300000	93227000	142000000	154480000
sp Q96IZ6 METTL2A	sp Q96IZ6	2	1	1	1	5.8	43.537	0	0	0	0	0	48886000
sp Q6P1X TAF2	sp Q6P1X	1	2	2	2	2	136.97	367850000	0	0	0	0	1044300000
sp Q6P1X C8orf82	sp Q6P1X	1	1	1	1	8.3	23.889	0	0	0	0	0	71965000
sp Q6P2E EDC4	sp Q6P2E	1	18	18	18	24	151.66	881700000	965630000	1000600000	900430000	1131100000	976230000
sp Q96GK FAHD2A	sp Q96GK	2	3	3	3	17	34.596	0	0	0	0	85629000	0
sp Q6P2C PRPF8	sp Q6P2C	1	63	63	63	35	273.6	8919700000	8805900000	9018600000	8500500000	8006700000	8391000000
sp Q6P3V SCYL2	sp Q6P3V	1	2	2	2	3.9	103.71	0	0	79993000	0	122630000	0
sp Q6P3X TTC27	sp Q6P3X	1	4	4	4	5.9	96.631	44877000	90812000	158620000	0	0	0
sp Q6P58 FAHD1	sp Q6P58	1	6	6	6	31	24.843	342880000	172000000	277980000	350200000	310500000	0
sp Q6P6C ALKBH5	sp Q6P6C	1	1	1	1	7.4	44.255	0	0	0	0	0	51360000
sp Q6P99 PDXDC1	sp Q6P99	2	14	14	14	22	86.706	521900000	607860000	655020000	611230000	770760000	515960000
sp Q6PCE PGM2L1	sp Q6PCE	1	3	3	3	8.4	70.441	65194000	65507000	0	85566000	63884000	58589000
sp Q6PD6 CTR9	sp Q6PD6	1	10	10	10	11	133.5	496760000	445790000	551120000	524200000	443540000	443830000
sp Q6PGF TTC37	sp Q6PGF	1	15	15	15	15	175.48	491800000	631910000	494870000	458240000	477990000	496730000
sp Q6PI48 DARS2	sp Q6PI48	1	11	11	11	23	73.562	457450000	322630000	412580000	404580000	388610000	380680000
sp Q6PI78 TMEM65	sp Q6PI78	1	2	2	2	9.2	25.498	0	0	0	0	0	77694000
sp Q6PID6 TTC33	sp Q6PID6	1	2	2	2	18	29.411	0	88754000	125420000	0	0	0
sp Q6PIU2 NCEH1	sp Q6PIU2	1	9	9	9	30	45.807	368650000	463550000	386370000	475160000	652080000	545330000
sp Q6PJG ELMSAN1	sp Q6PJG	1	2	2	2	3.5	114.99	0	0	0	0	0	13983000
sp Q6PJG BRAT1	sp Q6PJG	1	9	9	9	21	88.118	244050000	307580000	156240000	163350000	115920000	219540000
sp Q6PJT ZC3H14	sp Q6PJT	1	6	6	6	13	82.875	142780000	243480000	183890000	270870000	238150000	146180000
sp Q6PKG LARP1	sp Q6PKG	2	24	24	24	36	123.51	3265000000	3266100000	3075800000	2820400000	2925900000	3128800000
sp Q6PL1 ATAD2	sp Q6PL1	1	2	2	2	2	158.55	0	0	44609000	0	0	0
sp Q6QNY BLOC1S3	sp Q6QNY	1	1	1	1	9.4	21.255	0	0	0	0	0	0
sp Q6QNY BLOC1S2	sp Q6QNY	1	1	1	1	7.7	15.961	0	0	0	0	0	33219000
sp Q6RFH WDR74	sp Q6RFH	1	6	6	6	21	42.441	242240000	249170000	260500000	284530000	319380000	239170000
sp Q6RW AGTRAP	sp Q6RW	1	2	2	2	25	17.419	234860000	188830000	294590000	0	259630000	236360000
sp Q6S8J POTEE	sp Q6S8J	2	11	2	0	12	121.36	572230000	286080000	518030000	763040000	454180000	469850000
sp Q6TFL CCDC171	sp Q6TFL	1	1	1	1	1.4	152.81	0	0	0	0	0	129060000
sp Q6UB3 MTHFD1L	sp Q6UB3	1	20	19	19	25	105.79	1351300000	1181400000	1398800000	1557900000	1581400000	1225800000
sp Q6UN1 FIP1L1	sp Q6UN1	1	3	3	3	8.4	66.526	176570000	134030000	0	177950000	176720000	170190000
sp Q6UW6 KDELC1	sp Q6UW6	1	2	2	2	6.6	58.042	0	0	0	0	109000000	0
sp Q6UW6 TMEM205	sp Q6UW6	1	2	2	2	16	21.198	141430000	252080000	126280000	0	294500000	345850000
sp Q6UW7 UQCC3	sp Q6UW7	1	1	1	1	24	10.081	0	0	0	0	0	22967000
sp Q6UW7 LRSAM1	sp Q6UW7	1	4	4	4	7.7	83.593	118210000	170240000	160430000	118920000	0	168130000
sp Q6UW7 SPINK6	sp Q6UW7	1	1	1	1	20	8.5849	600770000	544960000	627970000	351020000	484430000	499840000
sp Q6UW7 LCLAT1	sp Q6UW7	1	2	2	2	8.2	48.92	0	0	0	0	0	125020000

sp Q6UX0	CWC27	sp Q6UX0	1	7	7	7	31	53.846	309170000	220120000	217650000	236310000	219750000	225090000
sp Q6UX6	DRAM2	sp Q6UX6	1	1	1	1	8.3	29.766	0	0	0	0	0	41389000
sp Q6UXH	CRELD2	sp Q6UXH	1	2	2	2	7.1	38.191	0	0	0	0	0	84008000
sp Q6UXN	WDR82	sp Q6UXN	1	9	9	9	36	35.079	1007300000	840730000	1273500000	714140000	698530000	471250000
sp Q6UXV	APOOL	sp Q6UXV	1	4	4	4	20	29.159	127500000	0	0	0	0	0
sp Q6VN2	RANBP10	sp Q6VN2	1	1	1	1	2.3	67.256	0	0	0	0	0	119250000
sp Q6WC0	MPRIIP	sp Q6WC0	1	17	17	17	26	116.53	669320000	670140000	680760000	702740000	600960000	602640000
sp Q6WK2	RAB11FIP	sp Q6WK2	1	2	2	1	1.6	137.17	357010000	370230000	341750000	0	0	324330000
sp Q6XQN	NAPRT	sp Q6XQN	1	6	6	6	18	57.578	210380000	267720000	288830000	299320000	262770000	231030000
sp Q6XZF	DNMBP	sp Q6XZF	1	2	2	2	1.4	177.35	0	0	0	54164000	0	0
sp Q6Y1H	HACD2	sp Q6Y1H	1	1	1	1	3.9	28.368	0	0	0	0	0	46876000
sp Q6Y7V	GIGYF2	sp Q6Y7V	1	9	9	9	12	150.07	398940000	342600000	389890000	336300000	383660000	348040000
sp Q6YHK	CD109	sp Q6YHK	1	5	5	5	5.6	161.69	129930000	134810000	102440000	166130000	347880000	153150000
sp Q6YN1	HSDL2	sp Q6YN1	1	15	15	15	42	45.394	1085000000	1051800000	1086000000	1052900000	1110000000	1119700000
sp Q6YP2	KYAT3	sp Q6YP2	1	6	6	6	19	51.4	153010000	177810000	164040000	189800000	162880000	155460000
sp Q6ZNE	NFXL1	sp Q6ZNE	1	1	1	1	2.6	101.34	0	0	0	67456000	0	0
sp Q6ZRF	QSOX2	sp Q6ZRF	1	5	5	5	11	77.528	110050000	223480000	196420000	111160000	88479000	127580000
sp Q6ZRS	SRCAP	sp Q6ZRS	1	6	6	6	2.1	343.55	0	1130400000	1279400000	0	1479800000	0
sp Q6ZS1	RIPOR1	sp Q6ZS1	1	1	1	1	1.3	132.31	0	0	0	23861000	0	0
sp Q6ZSJ	C1orf122	sp Q6ZSJ	1	1	1	1	11	11.471	0	0	0	0	0	200020000
sp Q6ZUX	LHFPL2	sp Q6ZUX	1	1	1	1	6.6	24.486	0	0	0	0	102160000	0
sp Q6ZVM	TOM1L2	sp Q6ZVM	1	4	4	4	14	55.556	59768000	89553000	68345000	112480000	82810000	56311000
sp Q6ZW3	SYDE1	sp Q6ZW3	1	1	1	1	2.2	79.792	0	45213000	0	0	0	0
sp Q6ZXV	TMTC3	sp Q6ZXV	1	4	4	4	5.8	104.01	0	0	497880000	0	0	617620000
sp Q6ZYL	GTF2H5	sp Q6ZYL	1	1	1	1	21	8.0533	0	0	0	0	0	20840000
sp Q70CC	USP34	sp Q70CC	1	3	3	3	1.6	404.23	0	104210000	0	0	0	0
sp Q70E7	RAPH1	sp Q70E7	1	3	3	3	3.5	135.25	0	0	0	0	193600000	0
sp Q70J9	UNC13D	sp Q70J9	1	9	9	9	13	123.28	504680000	348290000	419740000	334910000	393970000	342330000
sp Q70UC	IKBIP	sp Q70UC	1	8	8	8	26	39.309	813760000	743670000	747970000	886720000	1029100000	878920000
sp Q712K	UBE2R2	sp Q712K	1	3	3	2	12	27.166	0	0	0	0	0	16656000
sp Q71DI3	HIST2H3A	sp Q71DI3	1	5	1	1	46	15.388	17472000	26395000	62619000	105090000	0	12061000
sp Q71RC	LARP4	sp Q71RC	1	6	6	6	13	80.595	333950000	442530000	348700000	334550000	280290000	335880000
sp Q71UM	RPS27L	sp Q71UM	1	5	2	2	41	9.4771	577230000	548670000	719380000	564690000	813020000	976190000
sp Q76FK	NOL8	sp Q76FK	1	2	2	2	3.3	131.61	0	80716000	0	0	42399000	0
sp Q7KZ8	SUPT6H	sp Q7KZ8	1	16	16	16	14	199.07	694260000	631590000	739080000	648330000	633930000	625930000
sp Q7KZF	SND1	sp Q7KZF	1	40	40	40	55	102	1.1107E+10	1.1435E+10	1.0058E+10	10868000000	11939000000	1.1942E+10
sp Q7KZI7	MARK2	sp Q7KZI7	4	4	4	4	8.4	87.91	0	0	0	125290000	130690000	119490000
sp Q7KZN	COX15	sp Q7KZN	1	4	4	4	13	46.03	251080000	180890000	226250000	321340000	198080000	241670000
sp Q7L014	DDX46	sp Q7L014	1	26	26	26	31	117.36	2146900000	2280800000	2010600000	1966800000	2169300000	2007000000

sp Q7L0Y TRMT10C	sp Q7L0Y	1	16	16	16	51	47.346	740090000	737900000	708520000	825830000	656250000	758790000
sp Q7L1Q BZW1	sp Q7L1Q	1	16	15	15	38	48.043	5506000000	5651300000	5195600000	5554200000	5387500000	5946100000
sp Q7L2E DHX30	sp Q7L2E	1	27	27	27	28	133.94	1697800000	1523700000	1563400000	1416800000	1255400000	1498600000
sp Q7L2H EIF3M	sp Q7L2H	1	8	8	8	29	42.502	1875100000	1961400000	1552600000	1489000000	1900900000	1741600000
sp Q7L2J MEPCE	sp Q7L2J	1	3	3	3	9.1	74.354	67338000	79603000	85368000	92970000	94270000	132510000
sp Q7L3B CDC37L1	sp Q7L3B	1	1	1	1	4.5	38.834	0	0	0	0	24098000	0
sp Q7L4I2 RSRC2	sp Q7L4I2	1	2	2	2	8.8	50.559	0	74434000	49252000	0	73705000	74833000
sp Q7L52 RRAGA	sp Q7L52	2	4	4	4	17	36.566	0	0	0	0	0	315210000
sp Q7L57 CYFIP1	sp Q7L57	2	13	13	13	12	145.18	874240000	743350000	728560000	706110000	779300000	779640000
sp Q7L5D GET4	sp Q7L5D	1	2	2	2	8.6	36.504	0	0	0	0	0	61014000
sp Q7L5N COPS6	sp Q7L5N	1	8	8	8	35	36.163	1255600000	1514800000	1291500000	1038100000	1142000000	1055700000
sp Q7L5N LPCAT2	sp Q7L5N	1	8	8	8	22	60.207	250290000	233850000	226490000	177630000	185450000	251840000
sp Q7L5Y ENOSF1	sp Q7L5Y	1	1	1	1	3.8	49.786	0	0	0	0	18712000	0
sp Q9H2K TAOK3	sp Q9H2K	2	1	1	1	1.4	105.4	0	0	0	0	0	62086000
sp Q7LBC KDM3B	sp Q7LBC	1	6	6	6	7.2	191.58	198700000	251710000	211640000	148490000	231690000	161230000
sp Q7LBR CHMP1B	sp Q7LBR	1	2	2	2	7.5	22.109	133290000	0	121130000	155590000	0	125960000
sp Q7LGA HS2ST1	sp Q7LGA	1	4	4	4	15	41.881	123690000	0	0	325660000	119430000	0
sp Q7RTV PHF5A	sp Q7RTV	1	5	5	5	48	12.405	718070000	977540000	843280000	857800000	1102100000	751890000
sp Q7Z2E APTX	sp Q7Z2E	1	2	2	2	11	40.74	78807000	0	0	68663000	0	0
sp Q7Z2K ERMP1	sp Q7Z2K	1	5	5	5	6	100.23	124200000	0	0	0	0	0
sp Q7Z2T TRMT1L	sp Q7Z2T	1	4	4	4	10	81.746	0	0	0	201500000	0	0
sp Q7Z2W ZC3HAV1	sp Q7Z2W	1	26	26	26	41	101.43	2989500000	2993900000	2676100000	3133900000	3633300000	4062000000
sp Q7Z2W MRPL21	sp Q7Z2W	1	4	4	4	26	22.814	248270000	239650000	184610000	200320000	320490000	203900000
sp Q7Z2Z EFL1	sp Q7Z2Z	1	8	8	8	12	125.43	137360000	139620000	158320000	127130000	111610000	100380000
sp Q7Z3B NUP54	sp Q7Z3B	1	4	4	4	9.7	55.435	231950000	280450000	223890000	311890000	351130000	226180000
sp Q7Z3C ATG9A	sp Q7Z3C	1	3	3	3	4.8	94.446	0	0	0	0	127960000	83567000
sp Q7Z3E ARMC9	sp Q7Z3E	1	1	1	1	1.8	91.818	0	36970000	0	0	0	0
sp Q7Z3J C16orf62	sp Q7Z3J	1	6	6	6	9	109.56	122720000	100480000	97311000	114290000	0	0
sp Q7Z3K POGZ	sp Q7Z3K	1	5	5	5	5.5	155.34	135130000	144160000	177540000	113690000	147580000	185220000
sp Q7Z3T ZFYVE16	sp Q7Z3T	1	2	2	2	2	168.9	0	0	0	51578000	0	0
sp Q7Z3U MON2	sp Q7Z3U	1	2	2	2	1.6	190.36	0	41718000	34522000	39185000	0	35968000
sp Q7Z40 MYH14	sp Q7Z40	1	9	1	1	4.4	227.87	0	0	0	0	0	423730000
sp Q7Z41 NUFIP2	sp Q7Z41	1	8	8	8	22	76.12	501990000	464090000	431350000	459470000	627970000	618070000
sp Q7Z42 SZRD1	sp Q7Z42	1	1	1	1	14	16.997	0	0	0	0	0	403920000
sp Q7Z43 MAVS	sp Q7Z43	1	1	1	1	2.6	56.527	0	0	0	0	64839000	0
sp Q7Z46 CLASP1	sp Q7Z46	1	11	9	9	10	169.45	195700000	141730000	130930000	138980000	129730000	94464000
sp Q7Z47 DHX29	sp Q7Z47	1	5	5	5	5.5	155.23	221950000	134150000	169510000	174230000	152740000	0
sp Q7Z4G COMMD6	sp Q7Z4G	1	1	1	1	15	9.638	0	0	0	0	0	69940000
sp Q7Z4G TRMT11	sp Q7Z4G	1	1	1	1	2.6	53.42	0	0	0	0	0	22765000

sp Q7Z4H KDELC2	sp Q7Z4H	1	2	2	2	6.5	58.572	75342000	54486000	0	75416000	0	86533000
sp Q7Z4Q HEATR3	sp Q7Z4Q	1	5	5	5	10	74.582	167010000	103470000	143290000	150870000	150670000	157900000
sp Q7Z4S KIF21A	sp Q7Z4S	4	12	12	12	11	187.18	326540000	219550000	393790000	496820000	411250000	202070000
sp Q7Z4V HDGFL2	sp Q7Z4V	1	4	3	3	7.6	74.316	0	0	368010000	0	200010000	171620000
sp Q7Z4W DCXR	sp Q7Z4W	1	7	7	7	42	25.913	248680000	181130000	253820000	230440000	379190000	218440000
sp Q7Z5K WAPL	sp Q7Z5K	1	4	4	4	5.4	132.94	195910000	174980000	131790000	82945000	0	0
sp Q7Z5L IRF2BP2	sp Q7Z5L	1	11	11	8	34	61.024	1089900000	937770000	919090000	918880000	1041600000	862120000
sp Q7Z6B SRGAP1	sp Q7Z6B	1	2	2	1	2	124.26	109740000	0	0	0	0	0
sp Q7Z6E RBBP6	sp Q7Z6E	1	3	3	3	2.1	201.56	87329000	0	0	0	0	0
sp Q7Z6J SH3RF1	sp Q7Z6J	1	3	3	3	5	93.128	0	210880000	205110000	192050000	280820000	0
sp Q7Z6M RABEPK	sp Q7Z6M	1	3	3	3	13	40.564	140590000	0	0	0	0	111660000
sp Q7Z6Z HUWE1	sp Q7Z6Z	1	55	55	55	20	481.89	4213000000	4356500000	4116300000	4057000000	4147700000	3912600000
sp Q7Z73 YTHDF3	sp Q7Z73	1	11	7	5	21	63.86	408350000	351410000	307610000	535920000	401500000	349190000
sp Q7Z7A CNTRL	sp Q7Z7A	1	2	2	2	0.9	268.88	0	0	1824000000	0	0	0
sp Q7Z7E UBE2Q1	sp Q7Z7E	1	2	2	2	9.2	46.126	225560000	122460000	195490000	317570000	192870000	191370000
sp Q7Z7F MRPL55	sp Q7Z7F	1	2	2	2	19	15.128	0	0	0	0	29472000	44987000
sp Q7Z7H TMED4	sp Q7Z7H	1	4	3	3	23	25.943	123800000	0	142660000	169680000	125280000	0
sp Q7Z7H MRPL10	sp Q7Z7H	1	1	1	1	7.3	29.282	33071000	39425000	109160000	39700000	28312000	42293000
sp Q7Z7K CMC1	sp Q7Z7K	1	1	1	1	16	12.49	54393000	0	0	0	0	0
sp Q7Z7K CENPV	sp Q7Z7K	1	2	2	2	9.8	29.946	0	0	0	93388000	0	0
sp Q86SF GALNT7	sp Q86SF	1	12	12	12	23	75.388	1005100000	756130000	1029900000	970900000	991230000	1159700000
sp Q86SX GLRX5	sp Q86SX	1	3	3	3	28	16.628	336680000	366000000	336530000	371940000	423260000	287880000
sp Q86TB PATL1	sp Q86TB	1	3	3	3	7.1	86.849	73819000	0	0	0	0	0
sp Q86TG PEG10	sp Q86TG	1	3	3	3	8.9	80.172	204900000	0	158100000	262920000	200890000	155680000
sp Q86TI2 DPP9	sp Q86TI2	1	5	5	5	7.6	98.262	83493000	91598000	0	0	0	103630000
sp Q86TM SYVN1	sp Q86TM	1	1	1	1	4.1	67.684	0	0	0	0	0	30425000
sp Q86TS MRPL52	sp Q86TS	1	2	2	2	27	13.664	118210000	100910000	90326000	77611000	126470000	99537000
sp Q86TU SETD3	sp Q86TU	1	6	6	6	14	67.256	230790000	238700000	250830000	245480000	272200000	234760000
sp Q86TX ACOT1	sp Q86TX	2	8	8	8	25	46.277	372050000	343500000	317930000	303370000	379770000	363470000
sp Q86U0 RBM23	sp Q86U0	1	1	1	1	2.5	48.73	0	0	0	0	2667200	0
sp Q86U3 NOP9	sp Q86U3	1	5	5	5	12	69.437	0	252580000	231330000	0	261310000	0
sp Q86U4 PABPN1	sp Q86U4	2	5	5	5	16	32.749	667530000	716670000	729470000	679870000	585160000	594600000
sp Q86U4 METTLL3	sp Q86U4	1	1	1	1	2.1	64.473	0	0	0	0	0	70627000
sp Q86U8 PBRM1	sp Q86U8	1	6	6	6	5.6	192.95	126130000	92057000	119400000	127570000	157900000	121380000
sp Q86U9 YRDC	sp Q86U9	1	3	3	3	14	29.328	193780000	177400000	0	0	130100000	0
sp Q86UE MTDH	sp Q86UE	1	17	17	17	41	63.836	1777000000	2000000000	1458200000	1599700000	1852600000	1483700000
sp Q86UK ZNF598	sp Q86UK	1	3	3	3	5.1	98.636	112510000	151700000	0	97627000	0	0
sp Q86UL GPAT4	sp Q86UL	1	1	1	1	2.6	52.07	0	0	0	0	0	34613000
sp Q86UP KTN1	sp Q86UP	2	51	51	51	44	156.27	6666800000	7116300000	5862900000	6043100000	6276700000	6196100000

sp Q86UP	ZFHX4	sp Q86UP	1	1	1	1	0.6	393.73	0	0	0	0	651400000	0
sp Q86UV	USP48	sp Q86UV	1	6	6	6	9	119.03	332780000	467230000	296600000	404720000	295390000	154040000
sp Q86UY	NAA40	sp Q86UY	1	1	1	1	5.1	27.194	0	0	0	0	0	50605000
sp Q86V2	AACS	sp Q86V2	1	4	4	4	5.8	75.143	70636000	56172000	48048000	28958000	0	0
sp Q86V4	LUZP1	sp Q86V4	1	9	9	9	10	120.27	318930000	180820000	199320000	172260000	236470000	0
sp Q86V8	ALYREF	sp Q86V8	1	7	7	7	35	26.888	4419100000	4304500000	4485000000	3472800000	4122900000	4478300000
sp Q86V8	GPR180	sp Q86V8	1	1	1	1	3.4	49.395	0	0	0	0	0	36503000
sp Q86VI3	IQGAP3	sp Q86VI3	1	3	1	1	2.4	184.7	0	0	0	0	0	7928700
sp Q86VM	ZC3H18	sp Q86VM	1	4	4	4	7.1	106.38	97790000	117940000	159820000	142960000	210550000	150990000
sp Q86VN	VPS36	sp Q86VN	1	1	1	1	3.4	43.816	0	0	0	0	0	35048000
sp Q86VP	CAND1	sp Q86VP	2	37	37	37	38	136.37	5914600000	5645600000	5528500000	5166600000	5346800000	5238500000
sp Q86VS	HOOK3	sp Q86VS	1	2	2	2	5.2	83.125	0	0	0	0	0	413470000
sp Q86VU	COMTD1	sp Q86VU	1	1	1	1	5.7	28.808	0	0	0	0	0	38934000
sp Q86VV	RTTN	sp Q86VV	1	1	1	1	0.3	248.63	0	0	0	0	0	515810000
sp Q86VV	SESTD1	sp Q86VV	1	2	2	2	4	79.347	0	0	0	35296000	0	0
sp Q86VX	COMMD7	sp Q86VX	1	1	1	1	4.5	22.54	0	0	0	0	15940000	0
sp Q86VZ	SGMS1	sp Q86VZ	1	2	2	2	6.1	48.616	0	0	0	58319000	152740000	0
sp Q86W4	THOC6	sp Q86W4	1	7	7	7	33	37.535	372750000	380990000	337260000	374820000	337190000	322000000
sp Q86W5	METTL16	sp Q86W5	1	4	4	4	7.3	63.62	91726000	70946000	108570000	106880000	83774000	132270000
sp Q86W9	PPFIBP1	sp Q86W9	1	7	7	7	10	114.02	209910000	213560000	210210000	158020000	169410000	201390000
sp Q86WE	ZC3HC1	sp Q86WE	1	2	2	2	6.6	55.261	0	0	59581000	0	0	0
sp Q86WC	OSTM1	sp Q86WC	1	1	1	1	3.3	37.256	0	0	0	0	0	43693000
sp Q86WC	NR2C2AF	sp Q86WC	1	3	3	3	35	15.876	90617000	0	67015000	87499000	88248000	0
sp Q86WF	CCDC25	sp Q86WF	1	3	3	3	19	24.479	0	0	0	0	101210000	0
sp Q86X5	CARM1	sp Q86X5	1	3	3	3	9.7	65.853	181180000	200160000	0	170790000	181150000	0
sp Q86X7	NIT1	sp Q86X7	1	3	3	3	9.5	35.896	207380000	0	0	0	257370000	0
sp Q86X8	COMMD2	sp Q86X8	1	3	3	3	26	22.745	0	58022000	143990000	0	0	66863000
sp Q86XA	HEATR5A	sp Q86XA	1	2	2	2	1.6	222	0	0	55372000	0	0	0
sp Q86XI2	NCAPG2	sp Q86XI2	1	5	5	5	6.1	130.96	106530000	158330000	109360000	105670000	142470000	80794000
sp Q86XL	ANKLE2	sp Q86XL	1	8	8	8	14	104.11	1191900000	1093800000	1443900000	1237800000	1317000000	958960000
sp Q86XP	DDX42	sp Q86XP	1	19	19	19	31	102.97	1541600000	1361500000	1458800000	1432900000	1343700000	1500800000
sp Q86XZ	SPATS2	sp Q86XZ	1	2	2	2	6.4	59.544	0	84432000	0	0	0	0
sp Q86Y3	NDUFA11	sp Q86Y3	1	4	4	4	47	14.852	226100000	235640000	256210000	192150000	274270000	240110000
sp Q86Y5	DNAAF5	sp Q86Y5	1	13	13	13	23	93.52	783540000	791320000	725170000	591420000	686520000	601640000
sp Q86Y8	STX12	sp Q86Y8	1	3	3	3	15	31.642	0	0	161120000	159550000	0	0
sp Q86YC	CPNE8	sp Q86YC	3	4	3	3	9.2	63.107	0	179640000	0	97172000	143880000	121360000
sp Q8IU8	IRF2BP1	sp Q8IU8	1	4	3	3	8.9	61.687	0	0	0	0	76319000	0
sp Q8IU8	CAMK1D	sp Q8IU8	2	4	4	4	14	42.913	86232000	103130000	108830000	90999000	107830000	87460000
sp Q8IUD	ERC1	sp Q8IUD	1	10	10	10	13	128.08	411270000	316340000	341630000	309790000	438080000	505140000

sp Q8IUE6 HIST2H2A	sp Q8IUE6 HIST2H2A	1	2	1	1	12	13.995	0	0	0	0	0	1362900000
sp Q8IUF8 RIOX2	sp Q8IUF8 RIOX2	1	2	2	2	8.8	52.8	0	0	0	0	22206000	0
sp Q8IUI8 CRLF3	sp Q8IUI8 CRLF3	1	1	1	1	5.7	49.765	0	0	0	0	50009000	0
sp Q8IUR5 TRAPPC5	sp Q8IUR5 TRAPPC5	1	3	3	3	27	20.783	0	133770000	0	0	0	0
sp Q8IV08 PLD3	sp Q8IV08 PLD3	1	4	4	4	11	54.705	203830000	172620000	180170000	164040000	141490000	153470000
sp Q8IV48 ERI1	sp Q8IV48 ERI1	1	1	1	1	4.3	40.063	0	0	0	0	0	166420000
sp Q8IVD9 NUDCD3	sp Q8IVD9 NUDCD3	1	3	3	3	12	40.822	0	111240000	93333000	0	74483000	0
sp Q8IVF2 AHNAK2	sp Q8IVF2 AHNAK2	1	61	59	59	29	616.62	5559200000	5515100000	5419300000	4804500000	4969800000	5295000000
sp Q8IVL5 P3H2	sp Q8IVL5 P3H2	1	2	1	1	3.5	80.984	0	0	0	0	21794000	0
sp Q8IVL6 P3H3	sp Q8IVL6 P3H3	1	7	7	7	17	81.836	95502000	153920000	150990000	190560000	182680000	149220000
sp Q8IVM1 CCDC50	sp Q8IVM1 CCDC50	1	4	4	4	17	35.822	0	294420000	151970000	155590000	187400000	175430000
sp Q8IVP5 FUNDC1	sp Q8IVP5 FUNDC1	1	1	1	1	11	17.177	14175000	0	0	18152000	15626000	0
sp Q8IVS2 MCAT	sp Q8IVS2 MCAT	1	6	6	6	30	42.961	299970000	311120000	0	201500000	265610000	0
sp Q8IVT2 MISP	sp Q8IVT2 MISP	1	16	16	16	38	75.356	1238700000	1040900000	1194200000	1122200000	1311200000	1119300000
sp Q8IVV2 LOXHD1	sp Q8IVV2 LOXHD1	1	1	1	1	0.4	221.94	0	0	0	0	0	29723000
sp Q8IW11 APLF	sp Q8IW11 APLF	1	1	1	1	3.9	56.955	0	0	0	0	0	134880000
sp Q8IWA1 WDR75	sp Q8IWA1 WDR75	1	7	7	7	12	94.498	183910000	141240000	147070000	117360000	124760000	228590000
sp Q8IWA1 MFN1	sp Q8IWA1 MFN1	1	2	2	2	4.9	84.159	103230000	0	0	0	0	0
sp Q8IWB1 ITPRIP	sp Q8IWB1 ITPRIP	2	8	8	8	25	62.059	130550000	141510000	133760000	287810000	213340000	229830000
sp Q8IWB1 WDFY1	sp Q8IWB1 WDFY1	1	7	7	7	23	46.323	359900000	323140000	366850000	333330000	386620000	362720000
sp Q8IWE1 FAM114A	sp Q8IWE1 FAM114A	1	6	6	6	15	60.741	344030000	368350000	401670000	323440000	461480000	335260000
sp Q8IWJ1 GCC2	sp Q8IWJ1 GCC2	1	3	3	3	2	195.91	0	0	0	0	0	80187000
sp Q8IWR1 ZC3H7A	sp Q8IWR1 ZC3H7A	1	3	3	3	5.9	110.54	43008000	0	0	0	0	0
sp Q8IWS1 PHF6	sp Q8IWS1 PHF6	1	9	9	9	32	41.29	947010000	1068900000	1028400000	792740000	860550000	967730000
sp Q8IWT1 ZBTB80S	sp Q8IWT1 ZBTB80S	1	1	1	1	10	19.491	0	0	0	0	29115000	0
sp Q8IWT1 LRRC8A	sp Q8IWT1 LRRC8A	1	6	6	5	8.6	94.198	78750000	95916000	0	107150000	50481000	0
sp Q8IWW1 UBR1	sp Q8IWW1 UBR1	1	2	2	2	2.1	200.21	0	0	0	0	23066000	0
sp Q8IWX1 CHERP	sp Q8IWX1 CHERP	1	9	9	9	20	103.7	399480000	475040000	440430000	419190000	403380000	520980000
sp Q8IWZ1 ANKHD1	sp Q8IWZ1 ANKHD1	1	11	11	7	7.1	269.45	316370000	340710000	268030000	294250000	340680000	267230000
sp Q8IWZ1 SUGP1	sp Q8IWZ1 SUGP1	1	1	1	1	2.8	72.47	0	0	0	0	45714000	0
sp Q8IX01 SUGP2	sp Q8IX01 SUGP2	1	5	5	5	6.5	120.21	76976000	105660000	0	99958000	72072000	97828000
sp Q8IX03 WWC1	sp Q8IX03 WWC1	1	1	1	1	3	125.3	0	0	0	0	0	6694700
sp Q8IX12 CCAR1	sp Q8IX12 CCAR1	1	8	8	8	11	132.82	432510000	511140000	432560000	477190000	559490000	653460000
sp Q8IX18 DHX40	sp Q8IX18 DHX40	1	1	1	1	1.7	88.559	0	0	0	0	13900000	0
sp Q8IXB1 DNAJC10	sp Q8IXB1 DNAJC10	1	8	8	8	14	91.079	370230000	467780000	344910000	450170000	471190000	414650000
sp Q8IXH1 NELFCD	sp Q8IXH1 NELFCD	1	8	8	8	17	66.246	217220000	191240000	406620000	180230000	209780000	344250000
sp Q8IXI1 RHOT2	sp Q8IXI1 RHOT2	1	6	6	5	19	68.117	317110000	401890000	384950000	475760000	522820000	508750000
sp Q8IXI2 RHOT1	sp Q8IXI2 RHOT1	1	2	1	1	4.4	70.783	0	0	0	0	0	28434000
sp Q8IXM1 MRPL41	sp Q8IXM1 MRPL41	1	3	3	3	42	15.383	198480000	142700000	199470000	256720000	297930000	250500000

sp Q8IXQ3 C9orf40	sp Q8IXQ3 C9orf40	1	1	1	1	14	21.063	0	0	0	0	0	14356000
sp Q8IXS6 PALM2	sp Q8IXS6 PALM2	1	3	3	3	12	42.185	0	0	0	105570000	137980000	109730000
sp Q8IXT5 RBM12B	sp Q8IXT5 RBM12B	1	2	2	2	2.3	118.1	0	0	0	0	23131000	0
sp Q8IXU6 SLC35F2	sp Q8IXU6 SLC35F2	1	2	2	2	14	41.211	0	0	0	39790000	52904000	0
sp Q8IY17 PNPLA6	sp Q8IY17 PNPLA6	1	2	2	2	2.4	149.99	0	0	0	0	0	23031000
sp Q8IY21 DDX60	sp Q8IY21 DDX60	1	3	3	3	2.2	197.85	33122000	38378000	0	0	0	0
sp Q8IY37 DHX37	sp Q8IY37 DHX37	1	4	4	4	5.5	129.54	0	0	0	0	93395000	0
sp Q8IY50 SLC35F3	sp Q8IY50 SLC35F3	1	1	1	1	1.7	46.817	0	0	0	0	0	1269500000
sp Q8IY67 RAVER1	sp Q8IY67 RAVER1	1	10	10	10	31	63.876	465760000	266550000	403930000	629470000	400980000	376840000
sp Q8IY81 FTSJ3	sp Q8IY81 FTSJ3	1	16	16	16	31	96.557	981760000	1214100000	1108100000	1177700000	1036900000	1040400000
sp Q8IY95 TMEM192	sp Q8IY95 TMEM192	1	2	2	2	11	30.922	0	0	106310000	115900000	0	0
sp Q8IYB3 SRRM1	sp Q8IYB3 SRRM1	1	7	7	7	11	102.33	973950000	1037900000	780430000	823780000	1031600000	1014100000
sp Q8IYB5 SMAP1	sp Q8IYB5 SMAP1	1	2	2	2	7.5	50.386	0	0	50395000	78465000	0	0
sp Q8IYB8 SUPV3L1	sp Q8IYB8 SUPV3L1	1	3	3	3	4.5	87.99	0	124180000	0	0	0	0
sp Q8IYD1 GSPT2	sp Q8IYD1 GSPT2	1	8	1	1	13	68.882	0	558740000	362540000	407850000	0	0
sp Q8IYI6 EXOC8	sp Q8IYI6 EXOC8	1	3	3	3	8.3	81.798	0	0	0	97466000	0	0
sp Q8IYL3 C1orf174	sp Q8IYL3 C1orf174	1	1	1	1	5.8	25.977	0	0	0	0	0	104560000
sp Q8IYS2 KIAA2013	sp Q8IYS2 KIAA2013	1	2	2	2	4.1	69.156	0	89954000	0	0	0	96466000
sp Q8IYT4 KATNAL2	sp Q8IYT4 KATNAL2	1	1	1	1	2.2	61.252	0	0	0	0	0	1164400000
sp Q8IYU8 MICU2	sp Q8IYU8 MICU2	1	1	1	1	3.9	49.666	0	0	0	0	0	48519000
sp Q8IZ69 TRMT2A	sp Q8IZ69 TRMT2A	1	4	4	4	10	68.725	91841000	84360000	81905000	86962000	98590000	102820000
sp Q8IZ83 ALDH16A	sp Q8IZ83 ALDH16A	1	2	2	2	6.7	85.126	0	0	0	0	0	59692000
sp Q8IZH2 XRN1	sp Q8IZH2 XRN1	1	2	2	2	1.5	194.1	0	52827000	0	0	0	42672000
sp Q8IZL8 PELP1	sp Q8IZL8 PELP1	1	13	13	13	18	119.7	1102800000	927710000	1168800000	1114200000	1158300000	1237800000
sp Q8IZP0 ABI1	sp Q8IZP0 ABI1	1	4	4	4	13	55.08	0	0	0	0	0	168680000
sp Q8IZW3 TNS4	sp Q8IZW3 TNS4	1	2	2	2	3.9	76.763	0	0	0	7691000	0	0
sp Q8N0U1 VKORC1L	sp Q8N0U1 VKORC1L	1	3	3	3	15	19.835	139410000	102420000	0	232250000	156610000	0
sp Q8N0X1 SPART	sp Q8N0X1 SPART	1	6	6	6	14	72.832	434340000	444360000	460420000	365420000	401460000	0
sp Q8N101 MIER1	sp Q8N101 MIER1	1	3	3	3	9.4	57.983	74117000	72643000	57749000	0	52593000	0
sp Q8N121 RPTOR	sp Q8N121 RPTOR	1	3	3	3	4	149.04	0	0	0	0	147150000	0
sp Q8N122 CNPY4	sp Q8N122 CNPY4	1	2	2	2	10	28.309	0	0	0	0	43667000	0
sp Q8N161 CCAR2	sp Q8N161 CCAR2	1	19	19	19	34	102.9	1481900000	1161500000	1580500000	1332900000	1617300000	1427000000
sp Q8N181 NDUFAF2	sp Q8N181 NDUFAF2	1	10	10	10	59	19.856	756370000	931470000	979920000	981550000	1094700000	966440000
sp Q8N1B1 VPS52	sp Q8N1B1 VPS52	1	4	4	4	7.6	82.22	0	1027000000	0	0	0	0
sp Q8N1F1 NUP93	sp Q8N1F1 NUP93	1	23	23	23	32	93.487	2446900000	2163700000	2298300000	2296400000	2695600000	2547400000
sp Q8N1G1 CMTR1	sp Q8N1G1 CMTR1	1	7	7	7	11	95.32	119970000	148730000	117570000	115670000	183640000	132100000
sp Q8N1G1 LRRC47	sp Q8N1G1 LRRC47	1	19	19	19	52	63.472	1884900000	1902400000	1771000000	1849300000	1884200000	1861900000
sp Q8N201 INTS1	sp Q8N201 INTS1	1	1	1	1	0.8	244.29	0	0	0	0	10453000	0
sp Q8N251 HIST3H2B	sp Q8N251 HIST3H2B	1	6	1	1	41	13.908	0	0	0	0	0	135960000

sp Q8N2F	ARMC10	sp Q8N2F	1	2	2	2	8.2	37.54	0	0	28597000	0	0	0
sp Q8N2G	GHDC	sp Q8N2G	1	1	1	1	2.3	57.522	0	0	0	21173000	0	0
sp Q8N2H	SYS1	sp Q8N2H	1	1	1	1	14	17.615	0	0	0	0	0	21508000
sp Q8N2U	TMEM256	sp Q8N2U	1	1	1	1	7.1	11.741	0	0	0	0	124710000	0
sp Q8N33	GPD1L	sp Q8N33	1	2	2	2	6	38.418	0	151820000	95201000	110200000	0	176360000
sp Q8N35	SLC35F6	sp Q8N35	1	2	2	2	7	40.214	0	0	0	0	0	184410000
sp Q8N39	ARHGAP	sp Q8N39	1	6	6	6	14	74.976	119800000	159360000	171700000	146290000	150410000	121000000
sp Q8N3C	ASCC3	sp Q8N3C	1	18	18	18	14	251.46	400560000	401530000	527650000	371150000	316250000	387180000
sp Q8N3D	EHBP1L1	sp Q8N3D	1	7	7	7	7.5	161.85	264850000	284810000	314190000	221600000	186830000	198310000
sp Q8N3E	PLCD3	sp Q8N3E	1	2	2	2	5.2	89.257	0	0	0	143670000	0	0
sp Q8N3R	MPP5	sp Q8N3R	1	2	2	2	3.9	77.293	0	0	0	0	0	16224000
sp Q8N3U	STAG2	sp Q8N3U	3	12	12	12	15	141.32	490220000	524940000	759650000	604000000	701120000	573910000
sp Q8N3V	SYNPO	sp Q8N3V	1	5	5	5	9.4	99.462	0	248560000	0	0	0	0
sp Q8N3X	FNBP4	sp Q8N3X	1	4	4	4	5.7	110.26	123260000	135440000	142510000	121170000	154520000	107600000
sp Q8N4C	MINK1	sp Q8N4C	1	2	1	1	1.5	149.82	0	0	0	0	27255000	0
sp Q8N4H	TOMM5	sp Q8N4H	1	3	3	3	29	6.0352	364300000	414060000	364280000	389380000	396340000	452170000
sp Q8N4G	ZADH2	sp Q8N4G	1	1	1	1	2.4	40.14	0	0	0	0	0	23459000
sp Q8N4G	CHCHD4	sp Q8N4G	1	5	5	5	46	15.996	366480000	247630000	318710000	282820000	500180000	443150000
sp Q8N4V	MMGT1	sp Q8N4V	1	3	3	3	25	14.686	196350000	154830000	96449000	119550000	141950000	117730000
sp Q8N54	OGFOD1	sp Q8N54	1	8	8	8	19	63.245	393820000	327640000	392330000	416650000	347620000	384470000
sp Q8N55	AFAP1	sp Q8N55	1	3	3	3	4.7	80.724	0	49471000	28640000	78229000	69629000	0
sp Q8N58	TTC39C	sp Q8N58	1	1	1	1	2.9	65.869	0	0	34350000	0	0	0
sp Q8N5A	ZGPAT	sp Q8N5A	1	2	2	2	5.6	57.358	460140000	497890000	0	349230000	280990000	472630000
sp Q8N5G	SMIM20	sp Q8N5G	1	1	1	1	21	7.7019	0	0	0	0	0	39058000
sp Q8N5K	CISD2	sp Q8N5K	1	4	4	4	39	15.278	397390000	387620000	364320000	506540000	391700000	468120000
sp Q8N5L	RPP25L	sp Q8N5L	1	1	1	1	14	17.631	0	0	0	0	0	13640000
sp Q8N5M	TTC9C	sp Q8N5M	1	4	4	4	27	20.012	580800000	371290000	466230000	0	397560000	455740000
sp Q8N5M	JAGN1	sp Q8N5M	1	2	2	2	13	21.125	308610000	346780000	0	342160000	331750000	413840000
sp Q8N5N	MRPL50	sp Q8N5N	1	3	3	3	28	18.325	0	114040000	0	207760000	508330000	0
sp Q8N68	CPSF7	sp Q8N68	1	8	8	8	22	52.049	378280000	469650000	379690000	545590000	454230000	418620000
sp Q8N6H	ARFGAP2	sp Q8N6H	1	9	9	9	23	56.72	306120000	277820000	270510000	272580000	240920000	311350000
sp Q8N6L	KRTCAP2	sp Q8N6L	1	1	1	1	13	14.678	0	0	0	0	0	189590000
sp Q8N6M	OTUD6B	sp Q8N6M	1	3	3	3	17	33.812	117180000	163570000	87284000	177490000	172380000	116070000
sp Q8N6R	METT13	sp Q8N6R	1	2	2	2	5.4	78.767	0	0	0	0	0	51654000
sp Q8N6T	ARFGAP1	sp Q8N6T	1	8	8	8	31	44.667	686950000	649260000	631850000	736200000	803720000	662810000
sp Q8N72	CDKN2A	sp Q8N72	1	4	4	4	39	13.903	2798800000	3856700000	2610200000	1900100000	2298200000	1740500000
sp Q8N76	EMC1	sp Q8N76	1	9	9	9	13	111.76	600560000	520710000	632360000	704590000	621570000	671260000
sp Q8N7H	PAF1	sp Q8N7H	1	11	11	11	24	59.975	497680000	411160000	357310000	521540000	597700000	450510000
sp Q8N80	UBR7	sp Q8N80	1	5	5	5	16	47.998	162990000	209360000	130630000	139560000	142450000	153840000

sp Q8N8S	ENAH	sp Q8N8S	2	13	13	13	21	66.509	812010000	1081300000	923120000	855360000	877400000	978830000
sp Q8N98	MRPL43	sp Q8N98	1	3	3	3	14	23.431	205980000	225790000	215030000	244850000	0	138650000
sp Q8N99	C12orf29	sp Q8N99	1	3	3	3	15	37.49	818270000	539740000	522020000	956820000	540290000	448460000
sp Q8N9A	CNEP1R1	sp Q8N9A	1	1	1	1	8.8	14.267	0	0	0	0	182710000	0
sp Q8N9N	LRRC57	sp Q8N9N	1	2	2	2	8.4	26.754	0	0	0	85961000	0	117860000
sp Q8N9C	SREK1IP	sp Q8N9C	1	1	1	1	7.7	18.177	0	0	0	0	0	52945000
sp Q8N9T	KRI1	sp Q8N9T	1	4	4	4	7	82.597	0	0	0	0	85400000	0
sp Q8NAV	PRPF38A	sp Q8NAV	1	5	5	5	21	37.476	398100000	0	0	0	383770000	0
sp Q8NB1	MLKL	sp Q8NB1	1	5	5	5	18	54.478	225780000	200380000	163070000	179310000	195930000	189810000
sp Q8NB3	GATD1	sp Q8NB3	1	1	1	1	4.5	23.297	0	0	0	0	18920000	0
sp Q8NB4	ATP11C	sp Q8NB4	1	1	1	1	1.6	129.48	0	0	0	0	44041000	0
sp Q8NB9	SPATA5	sp Q8NB9	1	8	7	7	13	97.903	324780000	252950000	309160000	400240000	294120000	295410000
sp Q8NBF	NHLRC2	sp Q8NBF	1	4	4	4	14	79.443	89553000	110910000	96724000	91877000	86179000	65651000
sp Q8NBI	XXYL1T1	sp Q8NBI	1	1	1	1	3.3	43.806	0	0	0	0	38172000	0
sp Q8NBJ	GOLM1	sp Q8NBJ	1	5	5	5	17	45.333	199470000	244840000	280180000	194770000	0	287450000
sp Q8NBJ	COLGALT	sp Q8NBJ	1	19	19	19	29	71.635	2704300000	2519800000	2523600000	2959800000	2929300000	2854400000
sp Q8NBJ	SUMF2	sp Q8NBJ	1	4	4	4	17	33.843	325550000	462370000	396790000	317800000	442130000	279110000
sp Q8NBK	SUMF1	sp Q8NBK	1	1	1	1	4	40.556	0	0	0	0	0	55050000
sp Q8NBL	POGLUT1	sp Q8NBL	1	2	2	2	5.6	46.189	0	0	0	0	0	77358000
sp Q8NBN	UBAC2	sp Q8NBN	1	1	1	1	5.2	38.963	0	0	0	0	0	0
sp Q8NBN	TMEM87A	sp Q8NBN	1	3	3	3	7.9	63.429	0	0	0	307320000	0	0
sp Q8NBN	RDH13	sp Q8NBN	1	3	3	3	15	35.932	110830000	92140000	0	128930000	120310000	77301000
sp Q8NBC	HSD17B1	sp Q8NBC	1	3	3	3	14	32.935	174890000	186390000	232930000	202190000	212930000	241570000
sp Q8NBS	TXNDC5	sp Q8NBS	1	18	18	18	47	47.628	6475000000	8025500000	8291000000	6820800000	8091000000	8851300000
sp Q8NBT	SPC24	sp Q8NBT	1	6	6	6	59	22.478	420130000	476450000	431120000	473130000	314310000	220810000
sp Q8NBU	ATAD1	sp Q8NBU	1	5	5	5	17	40.744	285640000	45994000	223130000	0	229250000	282110000
sp Q8NBX	SCCPDH	sp Q8NBX	1	2	2	2	5.1	47.151	132120000	113210000	115860000	183240000	150540000	62786000
sp Q8NC5	SERBP1	sp Q8NC5	1	20	20	20	51	44.965	2.5927E+10	2.5124E+10	2.493E+10	21056000000	24755000000	2.1848E+10
sp Q8NC5	LEMD2	sp Q8NC5	1	4	4	4	15	56.974	154200000	0	139020000	154200000	175300000	166090000
sp Q8NC6	NOA1	sp Q8NC6	1	1	1	1	2.3	78.457	0	0	0	0	19034000	0
sp Q8NCA	FAM98A	sp Q8NCA	1	8	8	8	26	55.4	636230000	815660000	688810000	759460000	664090000	797360000
sp Q8NCC	DAGLB	sp Q8NCC	1	6	6	6	13	73.731	0	94455000	0	90519000	53786000	100910000
sp Q8NCN	PDPR	sp Q8NCN	1	4	4	4	6.7	99.363	78353000	51963000	94920000	71668000	0	57391000
sp Q8NCU	C2CD4A	sp Q8NCU	2	2	2	2	5.1	39.743	646640000	472190000	510020000	0	0	0
sp Q8NCV	NAXE	sp Q8NCV	1	7	7	7	37	31.674	514410000	621330000	678550000	576030000	724020000	765230000
sp Q8ND2	RNF214	sp Q8ND2	1	1	1	1	2	77.667	0	0	0	0	0	11992000
sp Q8ND5	LSM14A	sp Q8ND5	1	4	4	4	9.9	50.529	220460000	0	210700000	191880000	203480000	0
sp Q8NDC	MAPK1IP	sp Q8NDC	1	1	1	1	6.9	24.269	0	0	0	0	0	181760000
sp Q8NDX	PHC3	sp Q8NDX	2	3	3	3	6.4	106.16	0	0	0	48103000	0	0

sp Q8NDX	ZNF740	sp Q8NDX	1	1	1	1	12	21.857	0	0	0	0	20011000	0
sp Q8NE0	CNNM3	sp Q8NE0	1	2	2	2	3.8	76.118	0	418920000	0	0	0	0
sp Q8NE7	ABCF1	sp Q8NE7	1	20	20	20	31	95.925	2503500000	1966900000	2416800000	2239800000	2856700000	2518800000
sp Q8NE8	MCU	sp Q8NE8	1	2	2	2	8	39.866	0	0	0	0	0	166750000
sp Q8NEE	PIK3C3	sp Q8NEE	1	3	3	3	5.2	101.55	0	50741000	0	41139000	0	34626000
sp Q8NEJ	NGDN	sp Q8NEJ	1	4	4	4	18	35.894	221170000	155580000	0	247280000	263620000	0
sp Q8NEN	SHCBP1	sp Q8NEN	1	6	6	6	9.2	75.69	0	113660000	0	0	0	0
sp Q8NEV	SLC30A7	sp Q8NEV	1	1	1	1	4	41.625	0	0	0	0	0	266720000
sp Q8NEX	WFDC11	sp Q8NEX	1	1	1	1	12	10.34	0	0	0	0	0	257620000
sp Q8NEY	NAV1	sp Q8NEY	1	2	2	2	1.7	202.47	0	0	0	0	50189000	53571000
sp Q8NEY	PPHLN1	sp Q8NEY	1	3	3	3	7.4	52.736	0	0	0	0	0	79578000
sp Q8NEZ	VPS37A	sp Q8NEZ	1	2	2	2	8.3	44.314	0	0	0	0	83733000	0
sp Q8NEZ	FBXO22	sp Q8NEZ	1	4	4	4	12	44.508	239440000	205270000	152740000	326720000	311620000	318710000
sp Q8NF3	LPCAT1	sp Q8NF3	1	12	12	12	27	59.151	1789900000	1900800000	1502600000	1814700000	1782300000	1916200000
sp Q8NF6	ZMIZ2	sp Q8NF6	1	2	2	2	4.9	96.536	0	0	39550000	45655000	0	0
sp Q8NF9	SYNE1	sp Q8NF9	1	4	4	4	0.6	1011.1	1606100000	2247800000	1500000000	2164000000	2091200000	0
sp Q8NFC	BOD1L1	sp Q8NFC	2	3	3	3	1.5	330.46	162500000	65247000	0	0	0	47436000
sp Q8NFD	ARID1B	sp Q8NFD	1	5	4	4	4.6	236.12	0	51259000	0	0	0	33802000
sp Q8NFF	FLAD1	sp Q8NFF	1	3	3	3	9.7	65.265	138210000	147500000	91882000	169550000	178630000	216970000
sp Q8NFH	NUP43	sp Q8NFH	1	5	5	5	19	42.15	424920000	332520000	442920000	390800000	457880000	453480000
sp Q8NFH	NUP37	sp Q8NFH	1	8	8	8	31	36.707	693440000	554000000	786940000	510020000	671330000	576700000
sp Q8NFH	NUP35	sp Q8NFH	1	5	5	5	25	34.773	453160000	549240000	759420000	832570000	804370000	676170000
sp Q8NFJ	GPRC5A	sp Q8NFJ	1	5	5	5	24	40.251	1287300000	1381500000	1213500000	971460000	1235100000	1102500000
sp Q8NFC	TOR1AIP2	sp Q8NFC	1	7	6	6	21	51.263	242610000	346960000	0	277960000	331310000	408660000
sp Q8NFI	IPMK	sp Q8NFI	1	1	1	1	2.2	47.221	0	0	0	0	0	123220000
sp Q8NFV	ABHD11	sp Q8NFV	1	3	3	3	9.2	34.69	0	56161000	0	192240000	51144000	0
sp Q8NFV	CMAS	sp Q8NFV	1	2	2	2	5.5	48.379	0	0	0	0	151420000	0
sp Q8NHH	ATL2	sp Q8NHH	1	5	5	5	12	66.228	0	99708000	117440000	123790000	145880000	164130000
sp Q8NHC	DDX55	sp Q8NHC	1	2	2	2	7	68.546	0	112890000	108940000	64343000	0	94511000
sp Q8NI2	MCFD2	sp Q8NI2	1	1	1	1	12	16.39	0	0	0	0	0	79103000
sp Q8NI2	THOC2	sp Q8NI2	1	9	9	9	7.2	182.77	329850000	345520000	335510000	340560000	411850000	259410000
sp Q8NI3	WDR36	sp Q8NI3	1	13	13	13	18	105.32	483590000	405720000	709930000	630340000	556050000	521830000
sp Q8NI6	COQ8A	sp Q8NI6	1	1	1	1	1.9	71.949	0	0	0	0	0	7095000
sp Q8TAA	VANGL1	sp Q8TAA	1	2	2	2	9	59.974	126460000	0	0	0	97739000	0
sp Q8TAD	SLC30A5	sp Q8TAD	1	1	1	1	3.1	84.046	0	63483000	0	0	0	0
sp Q8TAE	GADD45C	sp Q8TAE	1	5	5	5	28	25.384	252980000	238180000	0	0	208650000	248670000
sp Q8TAF	WDR48	sp Q8TAF	1	3	3	3	8.3	76.21	0	82604000	0	0	73646000	0
sp Q8TAG	EXOC6	sp Q8TAG	1	2	2	2	5.1	93.721	0	0	48281000	0	33330000	0
sp Q8TAP	MPLKIP	sp Q8TAP	1	1	1	1	14	19.147	0	0	0	0	34206000	0

sp Q8TAC SMARCC	sp Q8TAC	1	12	6	6	14	132.88	272960000	287730000	254270000	306390000	260150000	243020000
sp Q8TAT NPLOC4	sp Q8TAT	1	15	15	15	42	68.119	1143300000	1110400000	1169800000	1228400000	1087400000	1227400000
sp Q8TB3 NUBPL	sp Q8TB3	1	1	1	1	6.3	34.082	0	0	0	0	0	20691000
sp Q8TB6 SLC35B2	sp Q8TB6	1	2	2	2	4.9	47.514	0	200430000	164490000	190760000	0	202890000
sp Q8TBB KLHDC4	sp Q8TBB	1	1	1	1	3.1	57.891	0	0	52294000	0	0	0
sp Q8TBC UBA3	sp Q8TBC	1	12	12	12	43	51.852	533750000	493360000	507020000	456540000	532150000	546810000
sp Q8TBC TMEM167	sp Q8TBC	1	1	1	1	13	8.0598	0	0	0	0	0	302620000
sp Q8TBX PIP4K2C	sp Q8TBX	1	1	1	1	5.5	47.299	0	0	0	0	0	72501000
sp Q8TC0 TBC1D15	sp Q8TC0	1	7	7	7	11	79.49	0	317060000	0	0	0	0
sp Q8TC1 RDH11	sp Q8TC1	1	6	6	6	26	35.386	793020000	372070000	556080000	723160000	820060000	956420000
sp Q8TCE IFI44	sp Q8TCE	1	1	1	1	2.7	50.49	0	0	0	0	0	0
sp Q8TCD NT5C	sp Q8TCD	1	3	3	3	25	23.382	0	0	0	0	89475000	0
sp Q8TCF ZFAND1	sp Q8TCF	1	1	1	1	5.6	30.787	0	0	0	0	0	27171000
sp Q8TCJ STT3B	sp Q8TCJ	1	11	11	11	15	93.673	1422200000	1492100000	1444800000	1514200000	1262300000	1273100000
sp Q8TCS PNPT1	sp Q8TCS	1	20	20	20	33	85.95	1477700000	1731500000	1272400000	1527400000	1495900000	1484200000
sp Q8CTI HM13	sp Q8CTI	1	7	7	7	21	41.488	1095900000	991930000	711030000	1217800000	1144000000	1100300000
sp Q8TD0 MAPK15	sp Q8TD0	1	1	1	1	1.5	59.831	0	0	0	0	0	224750000
sp Q8TD1 BICD2	sp Q8TD1	1	4	4	4	6.7	93.532	0	0	0	0	0	90351000
sp Q8TD3 GPT2	sp Q8TD3	1	2	2	2	5.9	57.903	0	0	0	0	533980000	0
sp Q8TDB DTX3L	sp Q8TDB	1	1	1	1	2	83.553	0	0	0	0	0	16160000
sp Q8TDD DDX54	sp Q8TDD	1	5	5	5	7.6	98.594	0	89306000	0	74391000	49091000	0
sp Q8TDN BRIX1	sp Q8TDN	1	12	12	12	43	41.401	2478500000	3354400000	2122400000	3187100000	2385500000	2967500000
sp Q8TDF RNASEH2	sp Q8TDF	1	2	2	2	24	17.84	104570000	103210000	0	76020000	93270000	94272000
sp Q8TDC GNPDA2	sp Q8TDC	1	6	3	3	36	31.084	125620000	191790000	0	0	0	181610000
sp Q8TDX NEK7	sp Q8TDX	1	10	10	9	38	34.551	828200000	741850000	769590000	907890000	863410000	650720000
sp Q8TED UTP15	sp Q8TED	1	9	9	9	28	58.414	396240000	350550000	448730000	393730000	401030000	373520000
sp Q8TED GPX8	sp Q8TED	1	6	6	6	33	23.881	718760000	528450000	601460000	626470000	553630000	719710000
sp Q8TEM NUP210	sp Q8TEM	1	15	15	15	14	205.11	877230000	724310000	1002800000	1055500000	913440000	1046300000
sp Q8TEG GEMIN5	sp Q8TEG	1	25	25	25	23	168.59	1387400000	1548100000	1338400000	1232100000	1421100000	1331000000
sp Q9Y4G RAPGEF2	sp Q9Y4G	2	1	1	1	0.9	167.41	0	0	0	0	0	30393000
sp Q8TEX IPO4	sp Q8TEX	1	21	21	21	26	118.71	1205700000	1316000000	1269300000	1234800000	1493000000	1213200000
sp Q8TF6 ZNF384	sp Q8TF6	1	3	3	3	12	63.218	0	74171000	0	0	0	0
sp Q8WTS ABHD5	sp Q8WTS	1	1	1	1	5.7	39.095	0	0	0	0	10188000	0
sp Q8WTS SETD7	sp Q8WTS	1	4	4	4	14	40.72	206790000	0	217050000	0	258460000	148930000
sp Q8WTI NOC3L	sp Q8WTI	1	8	8	8	13	92.547	326470000	420660000	504090000	372560000	300920000	252740000
sp Q8WTV SCARB1	sp Q8WTV	1	4	4	4	7.6	60.877	310430000	278200000	396040000	321500000	0	502900000
sp Q8WTV COG1	sp Q8WTV	1	3	3	3	6	108.98	0	0	0	22939000	21218000	0
sp Q8WU PYROXD	sp Q8WU	1	2	2	2	10	55.792	0	0	0	0	0	21796000
sp Q8WU SMAP2	sp Q8WU	1	2	2	2	6.5	46.785	0	0	0	0	30062000	0

sp Q8WU ZC3H15	sp Q8WU	1	14	14	14	37	48.602	1429400000	1513500000	1400700000	1335400000	1451100000	1400400000
sp Q8WU PPIL4	sp Q8WU	1	2	2	2	6.3	57.224	0	0	0	131440000	0	0
sp Q8WU PHF10	sp Q8WU	1	1	1	1	3.6	56.05	0	0	0	0	34048000	0
sp Q8WU PPP1R13	sp Q8WU	1	8	8	8	16	89.09	351390000	475670000	420530000	276240000	374130000	407690000
sp Q8WU TMEM263	sp Q8WU	1	1	1	1	13	11.748	0	0	0	0	0	60642000
sp Q8WU PTPMT1	sp Q8WU	1	3	3	3	21	22.843	60024000	0	52603000	68726000	47338000	0
sp Q8WU NUP133	sp Q8WU	1	20	20	20	25	128.98	998440000	1199700000	986980000	1040900000	1032400000	1039500000
sp Q8WU PDCD6IP	sp Q8WU	1	39	39	39	57	96.022	8288000000	8366800000	8068500000	7357800000	7657000000	8386700000
sp Q8WU SLC38A5	sp Q8WU	1	5	5	5	12	51.457	299760000	278880000	186740000	0	0	0
sp Q8WU CHAC2	sp Q8WU	1	2	2	2	19	20.874	0	0	165560000	0	0	0
sp Q8WU CHMP7	sp Q8WU	1	2	2	2	7.5	50.91	112040000	165580000	88023000	122400000	123550000	134160000
sp Q8WU THEM6	sp Q8WU	1	4	4	4	28	23.865	0	66467000	0	0	0	0
sp Q8WU NAT14	sp Q8WU	1	1	1	1	11	21.65	0	0	0	0	0	22813000
sp Q8WV NSMCE1	sp Q8WV	1	1	1	1	5.3	30.855	0	0	0	0	0	15702000
sp Q8WV LEO1	sp Q8WV	1	2	2	2	2.6	75.403	81446000	42351000	0	126710000	81449000	85631000
sp Q8WV SMIM4	sp Q8WV	1	1	1	1	16	8.6961	0	0	0	0	51969000	0
sp Q8WV NUDCD2	sp Q8WV	1	4	4	4	46	17.676	185330000	222610000	212480000	224590000	251870000	254280000
sp Q8WV TFB1M	sp Q8WV	1	2	2	2	10	39.542	92926000	120470000	73153000	0	0	81398000
sp Q8WV SCFD1	sp Q8WV	1	11	11	11	23	72.379	603080000	679350000	729450000	581150000	679110000	628990000
sp Q8WV CANT1	sp Q8WV	1	1	1	1	4.5	44.839	0	0	0	0	0	40731000
sp Q8WV HNRNPLL	sp Q8WV	1	12	11	11	32	60.082	581460000	490400000	454700000	587500000	647790000	551450000
sp Q8WV FAR1	sp Q8WV	1	3	3	3	7.4	59.356	0	0	0	0	0	167640000
sp Q8WV UBLCP1	sp Q8WV	1	3	3	3	8.5	36.804	239960000	288500000	264490000	203160000	170120000	308680000
sp Q8WW TSEN15	sp Q8WW	1	2	2	2	20	18.641	76423000	84037000	107890000	0	102360000	95562000
sp Q8WW PCNP	sp Q8WW	1	5	5	5	36	18.925	1039900000	863080000	1290600000	1149200000	1389500000	1675600000
sp Q8WW DNAJA4	sp Q8WW	1	2	2	2	4.8	44.797	0	0	0	403430000	0	0
sp Q8WW SPRYD4	sp Q8WW	1	4	4	4	32	23.128	122160000	159770000	0	0	241540000	0
sp Q8WW GLMP	sp Q8WW	1	1	1	1	6.4	43.864	0	0	0	0	0	50387000
sp Q8WW MAIP1	sp Q8WW	1	3	3	3	11	32.544	245090000	240610000	251620000	214030000	210280000	232360000
sp Q8WW LMO7	sp Q8WW	1	28	28	28	22	192.69	2662800000	2595900000	2392100000	1883900000	2319500000	2175700000
sp Q8WW SLC44A1	sp Q8WW	1	2	2	2	4.4	73.301	0	48661000	66073000	0	0	0
sp Q8WW CKAP2	sp Q8WW	1	3	3	3	5.6	76.986	121880000	112200000	61795000	126390000	128170000	133330000
sp Q8WW ATXN2L	sp Q8WW	1	22	22	22	31	113.37	1798100000	1831200000	1993700000	2073600000	2007900000	2105600000
sp Q8WW PHIP	sp Q8WW	1	4	4	4	4.3	206.69	74860000	0	0	0	0	0
sp Q8WW PRPF31	sp Q8WW	1	8	8	8	28	55.455	503250000	487930000	554230000	411400000	376200000	532690000
sp Q8WX NELFB	sp Q8WX	1	8	8	8	20	65.697	275750000	310680000	354620000	378500000	375100000	328790000
sp Q8WX PALLD	sp Q8WX	2	28	28	28	30	150.56	3972700000	3770000000	3513700000	3202200000	3558100000	3562800000
sp Q8WX METTL21	sp Q8WX	1	1	1	1	6.9	24.6	0	0	0	5872200	0	0
sp Q8WX ATRIP	sp Q8WX	1	1	1	1	1.4	85.837	0	0	0	0	0	167530000

sp Q8WX1 STON2	sp Q8WX1	1	1	1	1	1	101.16	0	0	0	0	0	82981000
sp Q8WX1 PSPC1	sp Q8WX1	1	10	9	9	23	58.743	648990000	709740000	665200000	720640000	805100000	763490000
sp Q8WX1 GATAD2E	sp Q8WX1	1	12	12	10	28	65.26	755580000	652890000	641290000	549890000	591720000	749680000
sp Q8WX2 DNAJC9	sp Q8WX2	1	11	11	11	49	29.909	862190000	737730000	953640000	895370000	917720000	986820000
sp Q8WY2 BRI3BP	sp Q8WY2	1	2	2	2	14	27.835	250170000	245640000	216130000	224050000	180560000	332540000
sp Q8WY7 CTNNBL1	sp Q8WY7	1	5	5	5	9.1	65.173	166220000	214370000	192200000	148410000	169400000	169930000
sp Q8WY7 AHCTF1	sp Q8WY7	1	16	16	16	11	252.5	640190000	654620000	631480000	529500000	578170000	920210000
sp Q8WY0 ZCCHC14	sp Q8WY0	1	1	1	1	0.9	100.04	0	58622000	0	0	0	0
sp Q8WZ8 OVCA2	sp Q8WZ8	1	4	4	4	23	24.418	168100000	136310000	160000000	126510000	116430000	109910000
sp Q8WZ7 LZIC	sp Q8WZ7	1	5	5	5	37	21.494	292950000	310470000	286960000	310210000	335550000	155740000
sp Q9246 DDB2	sp Q9246	1	8	8	8	24	47.863	396190000	396760000	593490000	343750000	332320000	362510000
sp Q9249 DDX1	sp Q9249	1	31	31	31	49	82.431	5851100000	5893000000	5393500000	5559700000	5427500000	5114700000
sp Q9250 SLC39A7	sp Q9250	1	2	2	2	3	50.117	0	0	85205000	0	0	0
sp Q9250 HSD17B8	sp Q9250	1	1	1	1	5	26.973	0	0	0	0	0	30998000
sp Q9252 FAM3C	sp Q9252	1	2	2	2	12	24.68	249690000	184910000	0	0	0	0
sp Q9252 H1FX	sp Q9252	1	5	5	5	31	22.487	983670000	930920000	869160000	1069800000	1178400000	1334400000
sp Q9253 PSMF1	sp Q9253	1	2	2	2	12	29.816	176300000	236340000	173580000	183090000	228230000	202520000
sp Q9253 SLC7A6	sp Q9253	1	3	2	2	11	56.827	0	0	0	0	0	471530000
sp Q9253 GBF1	sp Q9253	1	16	16	16	12	206.44	694540000	669040000	650650000	616850000	715910000	636740000
sp Q9254 RTF1	sp Q9254	1	7	7	7	11	80.313	0	0	0	224910000	0	0
sp Q9254 NCSTN	sp Q9254	1	4	4	4	6.1	78.41	267580000	264520000	275540000	256240000	307100000	237590000
sp Q9254 TM9SF4	sp Q9254	1	7	7	7	18	74.518	472030000	456960000	369310000	438130000	334690000	427370000
sp Q9255 MRPS27	sp Q9255	1	8	8	8	22	47.611	555750000	610190000	462080000	398640000	476920000	458700000
sp Q9257 AP3S1	sp Q9257	1	4	4	4	28	21.732	226770000	122920000	259070000	202010000	281690000	222720000
sp Q9257 TSC1	sp Q9257	1	1	1	1	1.4	129.77	0	0	0	0	0	17428000
sp Q9257 UBXN4	sp Q9257	1	3	3	3	14	56.777	280610000	250650000	217070000	297320000	288960000	312080000
sp Q9259 NDRG1	sp Q9259	1	4	4	4	20	42.835	332460000	198060000	262980000	318920000	329600000	253670000
sp Q9259 HSPH1	sp Q9259	1	40	39	37	57	96.864	9558800000	1.0267E+10	9690700000	10504000000	10207000000	1.1486E+10
sp Q9260 CNOT9	sp Q9260	1	6	6	6	25	33.631	409260000	327120000	455840000	246190000	0	0
sp Q9260 LPGAT1	sp Q9260	1	3	3	3	12	43.089	0	0	0	0	0	109010000
sp Q92614 MYO18A	sp Q92614	1	2	2	2	1.2	233.11	0	0	0	0	0	36100000
sp Q92613 LARP4B	sp Q92613	1	9	9	9	18	80.551	320630000	464830000	476660000	582190000	442560000	282460000
sp Q92616 GCN1	sp Q92616	1	72	72	72	34	292.75	5023100000	4793700000	4675600000	4747600000	4494400000	4731600000
sp Q92620 DHX38	sp Q92620	1	8	8	8	9.1	140.5	230250000	248960000	250190000	176340000	305130000	252740000
sp Q92620 NUP205	sp Q92620	1	26	26	26	16	227.92	1502100000	1585200000	1503100000	1712800000	1668600000	1592300000
sp Q92620 PXDN	sp Q92620	1	5	5	5	5.9	165.27	192430000	185110000	208160000	228710000	215640000	212910000
sp Q92643 PIGK	sp Q92643	1	3	3	3	12	45.251	103400000	0	118970000	184520000	89609000	47764000
sp Q92663 MRPS31	sp Q92663	1	7	7	7	26	45.318	318130000	280120000	319290000	303420000	419420000	412920000
sp Q92663 AKAP1	sp Q92663	1	4	4	4	7.1	97.34	145760000	122570000	100220000	122440000	135700000	129410000

sp Q9268 ALG3	sp Q9268	1	1	1	1	2.3	50.126	0	0	0	0	0	48592000
sp Q9268 ANP32B	sp Q9268	1	9	7	7	32	28.787	2287200000	3357700000	2691300000	2683500000	3018000000	2667000000
sp Q9269 NECTIN2	sp Q9269	1	1	1	1	3.5	57.741	0	0	0	0	0	31372000
sp Q9269 RABGGT	sp Q9269	1	7	7	7	15	65.071	201400000	163140000	162070000	219440000	272480000	221480000
sp Q9273 PRCC	sp Q9273	1	5	5	5	15	52.417	0	137070000	204390000	127510000	176530000	144090000
sp Q9273 TFG	sp Q9273	1	10	10	10	35	43.447	1913300000	1631100000	1705800000	1367300000	1349100000	1404400000
sp Q9274 ARPC1A	sp Q9274	1	10	9	9	39	41.569	1014000000	1041800000	866990000	917080000	942850000	1085700000
sp Q9275 GTF2H4	sp Q9275	1	1	1	1	2.8	52.186	0	0	0	0	0	66459000
sp Q9276 HDAC2	sp Q9276	1	10	10	7	30	55.364	2661400000	2928800000	3173200000	2296600000	2584200000	2654300000
sp Q9278 STAM	sp Q9278	1	3	3	3	8.7	59.179	0	90835000	146640000	0	0	0
sp Q9278 DPF2	sp Q9278	1	5	5	5	16	44.155	258970000	243940000	325010000	193920000	211120000	227940000
sp Q9279 P3H4	sp Q9279	1	3	3	3	9.2	50.381	0	104120000	136650000	0	71859000	0
sp Q9279 CREBBP	sp Q9279	2	4	4	4	2.8	265.35	126640000	0	0	165530000	239900000	139330000
sp Q9279 SYMPK	sp Q9279	1	8	8	8	12	141.15	279250000	357250000	339930000	331540000	388670000	318030000
sp Q9280 TAF15	sp Q9280	1	7	5	5	21	61.829	834050000	1079100000	1023200000	783060000	879440000	755430000
sp Q9282 GGH	sp Q9282	1	2	2	2	8.2	35.964	65319000	84785000	70487000	83718000	79004000	94415000
sp Q9284 DDX17	sp Q9284	1	26	17	17	41	80.272	5089700000	6012900000	5593700000	5124800000	4899300000	4752000000
sp Q9287 RAD50	sp Q9287	1	24	24	24	23	153.89	1113200000	1214700000	1028000000	1242600000	1305900000	1352800000
sp Q9287 CELF1	sp Q9287	2	7	7	7	15	52.063	728710000	792790000	555290000	588130000	833790000	789090000
sp Q9288 OSTF1	sp Q9288	1	4	4	4	24	23.787	0	0	0	0	0	206570000
sp Q9288 ARHGEF	sp Q9288	1	3	3	3	4.4	102.43	0	148190000	142740000	0	0	104670000
sp Q9288 ERCC4	sp Q9288	1	2	2	2	4.8	104.48	101860000	0	0	0	0	211260000
sp Q9289 UFD1	sp Q9289	1	7	7	7	33	34.5	730370000	694030000	620100000	598170000	698430000	414280000
sp Q9289 GLG1	sp Q9289	1	12	12	12	16	134.55	489010000	755540000	631020000	594840000	562510000	543020000
sp Q9290 UPF1	sp Q9290	1	27	27	27	31	124.34	1979000000	1873700000	2293700000	2135200000	2218800000	1981400000
sp Q9290 COPS5	sp Q9290	1	12	12	12	42	37.578	804760000	909510000	922980000	688630000	686740000	784010000
sp Q9291 GPKOW	sp Q9291	1	8	8	8	27	52.228	483670000	366510000	442880000	502820000	504830000	345680000
sp Q9292 SMARCC	sp Q9292	1	16	16	10	21	122.87	2442200000	2014000000	2057700000	1997000000	1660700000	2486900000
sp Q9293 BAD	sp Q9293	1	2	2	2	16	18.392	0	0	0	0	0	26945000
sp Q9294 KHSRP	sp Q9294	1	22	20	20	40	73.114	5167900000	4796100000	5590000000	4979600000	5517400000	4585900000
sp Q9294 GCDH	sp Q9294	1	5	5	5	27	48.127	149940000	0	0	0	148010000	134510000
sp Q9297 TNPO1	sp Q9297	1	20	20	17	33	102.35	6971700000	6621600000	7118400000	7047000000	6868100000	6249100000
sp Q9297 ARHGEF2	sp Q9297	1	10	10	10	15	111.54	636060000	557580000	443910000	550580000	527240000	506450000
sp Q9297 EMG1	sp Q9297	1	9	9	9	52	26.72	996490000	887480000	830350000	977720000	863480000	1128300000
sp Q9299 GLMN	sp Q9299	1	7	7	7	15	68.207	250760000	358450000	314060000	288150000	308770000	254130000
sp Q9299 USP13	sp Q9299	1	3	3	3	8.2	97.326	115910000	0	0	88804000	103860000	95652000
sp Q9300 USP9X	sp Q9300	1	25	25	15	13	292.28	1058000000	1064000000	1098100000	964160000	847080000	957790000
sp Q9300 USP7	sp Q9300	1	18	18	18	25	128.3	924280000	983170000	1090900000	862370000	816590000	1184400000
sp Q9304 STMN2	sp Q9304	1	2	1	1	11	20.828	0	0	0	0	0	1381900000

sp Q93050 ATP6V0A	sp Q93050	2	7	7	7	10	96.412	0	287240000	307460000	288960000	260320000	238490000
sp Q93050 LPP	sp Q93050	1	15	15	15	37	65.746	933600000	860230000	959870000	789630000	857440000	931150000
sp Q93074 MED12	sp Q93074	1	1	1	1	1.4	243.08	0	0	0	0	18164000	0
sp Q93090 PTP4A1	sp Q93090	1	6	6	3	39	19.815	363450000	481460000	354250000	616950000	601830000	673670000
sp Q969E SCAMP4	sp Q969E	1	1	1	1	4.8	25.728	0	0	0	0	108270000	0
sp Q969E TSR2	sp Q969E	1	1	1	1	4.7	20.894	0	0	0	0	0	108320000
sp Q969G SMARCE	sp Q969G	1	8	8	8	29	46.649	449820000	589870000	672150000	531690000	510750000	578990000
sp Q969G CAVIN3	sp Q969G	1	2	2	2	10	27.701	0	0	0	0	351660000	0
sp Q969H MYDGF	sp Q969H	1	5	5	5	37	18.795	2110300000	1709400000	3236800000	2307600000	2432800000	2708400000
sp Q969J BORCS5	sp Q969J	1	2	2	2	13	22.222	0	0	0	0	43485000	0
sp Q969M YIPF5	sp Q969M	1	1	1	1	4.7	27.989	0	0	0	0	0	140250000
sp Q969N PIGT	sp Q969N	1	2	2	2	5	65.699	0	0	0	0	269620000	0
sp Q969Q RPL36AL	sp Q969Q	1	4	4	1	32	12.469	4420000000	5402200000	4812600000	4663700000	4402000000	4472600000
sp Q969S ZNF622	sp Q969S	1	6	6	6	17	54.271	358080000	240550000	306690000	321390000	273250000	227680000
sp Q969S GFM2	sp Q969S	1	3	3	3	5.4	86.6	141710000	99803000	81861000	88744000	106480000	113240000
sp Q969T WBP2	sp Q969T	1	1	1	1	3.8	28.087	0	0	0	0	88114000	0
sp Q969U PSMG2	sp Q969U	1	7	7	7	26	29.396	367920000	141920000	284820000	207010000	252490000	265270000
sp Q969V NCLN	sp Q969V	1	11	11	11	23	62.974	738130000	805930000	681810000	829080000	735580000	694900000
sp Q969V MKL1	sp Q969V	1	1	1	1	3.1	98.918	0	0	0	0	0	11371000
sp Q969X TMBIM1	sp Q969X	1	1	1	1	4.5	34.607	0	0	0	0	0	37363000
sp Q969X ERGIC1	sp Q969X	1	6	6	6	27	32.592	1338000000	1368800000	1016300000	1067600000	1052700000	1613600000
sp Q969X UTP4	sp Q969X	1	6	6	6	14	76.889	329060000	425540000	380700000	407440000	283720000	294000000
sp Q969Y GTPBP3	sp Q969Y	1	1	1	1	4.7	52.058	16481000	23143000	8561500	17623000	27722000	27122000
sp Q969Z TBRG4	sp Q969Z	1	9	9	9	19	70.737	663220000	789430000	765200000	611910000	876410000	1093900000
sp Q96A2 FAM162A	sp Q96A2	1	4	4	4	30	17.342	786330000	231050000	898950000	549240000	822660000	1019500000
sp Q96A3 CCDC47	sp Q96A3	1	17	17	17	37	55.873	1294000000	1447800000	1347700000	1636500000	1544300000	1971700000
sp Q96A3 MRPL24	sp Q96A3	1	3	3	3	16	24.915	0	0	0	0	0	81780000
sp Q96A4 SYAP1	sp Q96A4	1	9	9	9	30	39.933	687610000	456540000	560780000	433350000	505170000	501600000
sp Q96A6 EXOC4	sp Q96A6	1	9	9	9	14	110.5	296380000	292470000	290980000	244300000	201860000	230540000
sp Q96A7 MAGOHB	sp Q96A7	1	4	4	1	31	17.276	1249800000	1486000000	1587000000	1336400000	1598900000	1171900000
sp Q96AB ISOC2	sp Q96AB	1	2	2	2	24	22.337	107280000	75088000	72565000	0	0	119220000
sp Q96AC FERMT2	sp Q96AC	1	31	31	29	53	77.86	5613900000	6394900000	5526300000	5506500000	6017400000	5062100000
sp Q96AE FUBP1	sp Q96AE	1	23	23	21	47	67.56	9296600000	8325400000	7712600000	7773800000	9684700000	9379700000
sp Q96AG LRRC59	sp Q96AG	1	12	12	12	45	34.93	8670000000	8449300000	7354000000	9119800000	8869300000	8628900000
sp Q96AC PBXIP1	sp Q96AC	1	3	3	3	6.8	80.642	0	0	90974000	0	0	0
sp Q96AT KIAA1143	sp Q96AT	1	2	2	2	16	17.465	0	103400000	86311000	0	0	0
sp Q96AT RPE	sp Q96AT	2	4	4	4	24	24.927	796440000	776610000	994680000	651710000	850540000	815450000
sp Q96AY FKBP10	sp Q96AY	1	13	13	13	27	64.244	1812700000	1302700000	1251200000	1433700000	1394200000	1436800000
sp Q96B0 RAD51AP	sp Q96B0	1	1	1	1	4.3	38.457	0	0	0	0	0	0

sp Q96B2 EXOSC8	sp Q96B2	1	5	5	5	30	30.039	211290000	265930000	220370000	265230000	247650000	238370000
sp Q96B3 AKT1S1	sp Q96B3	1	4	4	4	13	27.383	0	0	255560000	0	0	0
sp Q96B4 TOMM6	sp Q96B4	1	2	2	2	57	8.0019	710200000	609630000	533900000	789620000	1271200000	851390000
sp Q96B5 ZNF428	sp Q96B5	1	4	4	4	30	20.48	185330000	225520000	131200000	179520000	209040000	127210000
sp Q96B9 SH3KBP1	sp Q96B9	1	3	3	3	6.8	73.125	74507000	117460000	152490000	125170000	114490000	0
sp Q96BH RNF25	sp Q96BH	1	2	2	2	9.2	51.218	0	0	0	55397000	0	0
sp Q96BN OTULIN	sp Q96BN	1	10	10	10	36	40.262	612610000	476570000	411580000	649900000	536330000	605360000
sp Q96BP PPWD1	sp Q96BP	1	7	7	7	18	73.574	234690000	177160000	150250000	156600000	225790000	134060000
sp Q96BR COA7	sp Q96BR	1	4	4	4	30	25.709	243470000	147230000	313610000	0	183160000	154430000
sp Q96BV TAMM41	sp Q96BV	1	1	1	1	4.4	51.066	0	0	0	0	0	55289000
sp Q96BY DOCK10	sp Q96BY	1	1	1	1	0.7	249.53	0	0	0	0	0	5328100
sp Q96C0 FAM136A	sp Q96C0	1	1	1	1	10	15.641	0	0	26457000	0	0	0
sp Q96C1 EFHD2	sp Q96C1	2	5	5	5	23	26.697	341510000	231940000	223890000	285680000	275740000	235930000
sp Q96C2 GALM	sp Q96C2	1	2	2	2	6.7	37.765	0	0	0	0	91778000	0
sp Q96C3 PYCR2	sp Q96C3	1	10	9	9	40	33.637	464810000	381360000	504620000	540460000	442060000	461530000
sp Q96C5 CUSTOS	sp Q96C5	1	1	1	1	8	28.17	0	0	0	0	0	0
sp Q96C8 DCPS	sp Q96C8	1	6	6	6	24	38.608	214770000	226060000	173590000	226930000	208620000	208530000
sp Q96C9 PPP1R14	sp Q96C9	1	4	4	4	48	15.911	1286800000	1101800000	1082300000	888870000	737110000	802670000
sp Q96CB INTS12	sp Q96CB	1	1	1	1	3	48.807	0	0	0	0	0	0
sp Q96CN ISOC1	sp Q96CN	1	7	7	7	32	32.236	426350000	595390000	489400000	422150000	361270000	388970000
sp Q96CN GCC1	sp Q96CN	1	1	1	1	1.3	87.81	0	0	0	0	0	491920000
sp Q96CP FLYWCH2	sp Q96CP	2	4	4	4	46	14.563	142030000	0	154100000	110120000	165080000	0
sp Q96CS FAF2	sp Q96CS	1	9	9	9	34	52.623	1105700000	1303800000	1305300000	1293300000	1242200000	1233300000
sp Q96CT CCDC124	sp Q96CT	1	7	7	7	34	25.835	469600000	459740000	559180000	458560000	519830000	609720000
sp Q96CU FOXRED1	sp Q96CU	1	2	2	2	6.6	53.811	0	0	0	0	47262000	0
sp Q96CV OPTN	sp Q96CV	1	1	1	1	2.3	65.921	0	0	0	0	0	12537000
sp Q96CV AP2M1	sp Q96CV	1	5	5	5	12	49.654	321510000	326420000	332180000	341390000	310170000	0
sp Q96CV TUBGCP3	sp Q96CV	1	4	4	4	6.6	103.57	69851000	0	124710000	0	0	57874000
sp Q96CX KCTD12	sp Q96CX	1	7	7	7	37	35.7	503090000	458580000	490930000	315680000	451510000	474400000
sp Q96D4 NMD3	sp Q96D4	1	8	8	8	22	57.603	419940000	610990000	413360000	460630000	555420000	473730000
sp Q96DB RMDN1	sp Q96DB	1	2	2	2	7.3	35.808	139330000	126300000	0	92409000	0	0
sp Q96DE NUDT16	sp Q96DE	1	3	3	2	27	21.273	21315000	72806000	49906000	51976000	52685000	29534000
sp Q96DG CMBL	sp Q96DG	1	8	8	8	37	28.048	1701600000	1635500000	1573300000	1297700000	1445600000	1616200000
sp Q96DH MSI2	sp Q96DH	2	4	4	4	17	35.196	0	252980000	0	0	206480000	274780000
sp Q96DI7 SNRNP40	sp Q96DI7	1	12	12	12	46	39.31	1668100000	1815300000	1599300000	1528300000	1637000000	1268000000
sp Q96DV MRPL38	sp Q96DV	1	7	7	7	24	44.596	546690000	403980000	351350000	447710000	391620000	364960000
sp Q96DZ ERLEC1	sp Q96DZ	1	2	2	2	6.4	54.858	0	0	0	0	0	22853000
sp Q96E1 MRRF	sp Q96E1	1	7	7	7	35	29.277	849810000	1088600000	767860000	896240000	988420000	966230000
sp Q96E2 MTERF3	sp Q96E2	1	1	1	1	3.1	47.971	0	0	0	0	43760000	0

sp Q96EA	SPDL1	sp Q96EA	1	4	4	4	9.6	70.171	140110000	127690000	116960000	117310000	125940000	0
sp Q96EB	ELP4	sp Q96EB	1	3	3	3	12	46.587	0	0	0	0	31230000	0
sp Q96EC	YIPF6	sp Q96EC	1	1	1	1	5.1	26.256	0	0	0	0	0	37400000
sp Q96EE	SEH1L	sp Q96EE	1	11	11	11	49	39.648	1261800000	1313800000	1252500000	1465100000	1246700000	1370900000
sp Q96EI	TCEAL4	sp Q96EI	1	3	3	3	21	24.647	163640000	141500000	0	133540000	140480000	118140000
sp Q96EK	KIF1BP	sp Q96EK	1	8	8	8	16	71.813	404390000	317710000	256980000	327900000	340800000	442440000
sp Q96EK	GNPNAT1	sp Q96EK	1	7	7	7	59	20.749	1427800000	1185600000	1308600000	1239300000	1679000000	1221000000
sp Q96EL	MRPL53	sp Q96EL	1	4	4	4	49	12.107	0	291540000	478730000	425780000	407630000	0
sp Q96EM	L3HYPDH	sp Q96EM	1	2	2	2	7.3	38.137	0	0	0	0	0	26914000
sp Q96EP	DAZAP1	sp Q96EP	1	5	5	5	19	43.383	1766100000	1292400000	1774600000	1611500000	1424000000	1915000000
sp Q96EQ	SGTB	sp Q96EQ	1	1	1	1	7.9	33.429	0	0	0	0	0	16306000
sp Q96ER	SAAL1	sp Q96ER	1	1	1	1	2.1	53.557	0	0	0	0	0	39830000
sp Q96ER	CCDC51	sp Q96ER	1	8	8	8	24	45.811	409090000	397540000	315480000	301010000	354140000	392770000
sp Q96EU	RRP36	sp Q96EU	1	1	1	1	4.2	29.823	0	0	27704000	0	0	0
sp Q96EX	SMIM12	sp Q96EX	1	1	1	1	12	10.799	0	0	95581000	0	0	0
sp Q96EY	DNAJA3	sp Q96EY	1	8	8	8	24	52.488	581860000	843870000	684120000	899530000	965600000	927590000
sp Q96EY	TMA16	sp Q96EY	1	2	2	2	17	23.864	0	206020000	0	0	0	0
sp Q96EY	MVB12A	sp Q96EY	1	1	1	1	9.5	28.783	0	0	0	0	0	7626200
sp Q96EY	PTCD3	sp Q96EY	1	3	3	3	6	78.549	105160000	94282000	160160000	141960000	167520000	146860000
sp Q96EY	MMAB	sp Q96EY	1	2	2	2	12	27.388	74710000	71748000	82952000	0	109870000	0
sp Q96EZ	MCRS1	sp Q96EZ	1	1	1	1	3.9	51.803	0	0	0	0	0	119860000
sp Q96F8	EDC3	sp Q96F8	1	6	6	6	17	56.077	148320000	239750000	142210000	294770000	186190000	182420000
sp Q96FJ	STAMBPL1	sp Q96FJ	1	2	2	2	8.5	49.783	0	107190000	0	125430000	0	0
sp Q96FJ	DYNLL2	sp Q96FJ	1	4	2	2	57	10.35	119080000	130280000	121070000	139200000	141430000	162490000
sp Q96FQ	S100A16	sp Q96FQ	1	5	5	5	53	11.801	2612600000	2556000000	2421900000	2123400000	2614300000	2358200000
sp Q96FV	SCRN2	sp Q96FV	1	2	2	2	11	46.596	293100000	0	0	0	246340000	0
sp Q96FV	THOC1	sp Q96FV	1	9	9	9	15	75.665	286060000	256520000	286030000	249780000	264460000	310230000
sp Q96FW	OTUB1	sp Q96FW	1	10	10	10	49	31.284	2338100000	2524100000	2641700000	2516900000	2497400000	2296400000
sp Q96FX	TRMT61A	sp Q96FX	1	2	2	2	9.7	31.381	81893000	77832000	69329000	72437000	81791000	76341000
sp Q96FX	PERP	sp Q96FX	1	1	1	1	8.8	21.386	0	0	0	16244000	0	0
sp Q96FZ	CHMP6	sp Q96FZ	1	1	1	1	6.5	23.485	0	0	0	0	0	42222000
sp Q96G0	PGM2	sp Q96G0	1	8	8	8	18	68.283	390830000	342980000	335090000	352470000	310590000	331070000
sp Q96G2	IMP4	sp Q96G2	1	3	3	3	11	33.756	115790000	98055000	91924000	100210000	117510000	0
sp Q96G2	CERS2	sp Q96G2	1	4	4	4	14	44.876	568610000	1124200000	897230000	871700000	907830000	796540000
sp Q96G4	DUS3L	sp Q96G4	1	6	6	6	15	72.593	141180000	213590000	161550000	174520000	191270000	182610000
sp Q96GA	LTV1	sp Q96GA	1	1	1	1	4	54.854	0	0	0	51389000	0	0
sp Q96GC	MRPL48	sp Q96GC	1	4	4	4	22	23.934	0	300840000	245180000	228090000	296200000	282230000
sp Q96GC	VMP1	sp Q96GC	1	2	2	2	9.1	46.237	0	0	91920000	199730000	188320000	0
sp Q96GD	PDXP	sp Q96GD	1	2	2	2	13	31.698	113490000	0	0	0	0	0

sp Q96GD AURKB	sp Q96GD	2	5	5	5	22	39.31	107790000	99238000	127940000	109770000	103000000	122860000
sp Q96GE DMAC1	sp Q96GE	1	2	2	2	33	12.257	0	0	147250000	0	0	0
sp Q96GG DCUN1D1	sp Q96GG	1	4	4	4	21	30.124	317960000	313590000	0	0	382510000	252660000
sp Q96GM SMARCD	sp Q96GM	3	5	5	5	13	58.232	203190000	177610000	215600000	196260000	199520000	293420000
sp Q96GM TOE1	sp Q96GM	1	5	5	5	18	56.547	278460000	0	214220000	222710000	265210000	0
sp Q96GC DDX27	sp Q96GC	1	15	15	15	21	89.834	1084800000	1030100000	1088300000	1169200000	949670000	1082100000
sp Q96GV MARS2	sp Q96GV	1	2	2	2	7.4	66.59	0	0	0	76803000	0	0
sp Q96GX APIP	sp Q96GX	1	1	1	1	7	27.125	0	0	0	0	0	94002000
sp Q96H2 SNF8	sp Q96H2	1	1	1	1	4.7	28.864	0	0	0	0	0	84416000
sp Q96H7 ZC3HAV1	sp Q96H7	1	3	3	3	15	32.962	197090000	0	0	0	0	0
sp Q96HC PDLIM5	sp Q96HC	1	22	22	22	51	63.944	4031000000	4452500000	3712700000	4915400000	5132600000	4985500000
sp Q96HE ERO1A	sp Q96HE	2	12	12	12	36	54.392	1298000000	1125900000	1114100000	1167400000	1256400000	1148400000
sp Q96HP OXNAD1	sp Q96HP	1	1	1	1	3.8	34.854	0	0	0	0	0	16944000
sp Q96HC CDKN2A1	sp Q96HC	1	1	1	1	16	13.196	0	0	0	0	0	13484000
sp Q96HR NAF1	sp Q96HR	1	1	1	1	3	53.716	0	0	0	0	0	104330000
sp Q96HS PGAM5	sp Q96HS	1	12	12	12	50	32.004	966600000	972850000	999430000	796340000	863630000	1138600000
sp Q96HY DDR GK1	sp Q96HY	1	3	3	3	15	35.61	129580000	178740000	168580000	201360000	212850000	174290000
sp Q96I24 FUBP3	sp Q96I24	1	21	20	20	52	61.64	2887200000	2968800000	2954500000	2509500000	2933700000	2711400000
sp Q96I25 RBM17	sp Q96I25	1	7	7	7	21	44.961	285630000	337640000	337810000	325830000	474620000	305650000
sp Q96I51 RCC1L	sp Q96I51	1	2	2	2	6.7	49.996	0	0	0	0	0	110280000
sp Q96I99 SUCLG2	sp Q96I99	1	14	14	14	39	46.51	1466400000	1618800000	1573700000	1695200000	1655500000	1623600000
sp Q96IJ6 GMPPA	sp Q96IJ6	1	6	6	6	23	46.291	304810000	342680000	254280000	295320000	260770000	228870000
sp Q96IR7 HPDL	sp Q96IR7	1	2	2	2	14	39.385	147400000	48558000	60893000	261520000	148640000	155600000
sp Q96IU4 ABHD14B	sp Q96IU4	1	5	5	5	33	22.345	421980000	385440000	376590000	481830000	436890000	356780000
sp Q96IX5 USMG5	sp Q96IX5	1	3	3	3	45	6.4575	0	2160900000	1806300000	0	0	2263000000
sp Q96IY1 NSL1	sp Q96IY1	1	1	1	1	5.3	32.162	0	0	0	0	39689000	0
sp Q96IZ0 PAWR	sp Q96IZ0	1	8	8	8	46	36.567	786180000	841680000	830540000	748350000	934640000	718760000
sp Q96J0 THOC3	sp Q96J0	1	5	5	5	18	38.771	424110000	459320000	517220000	459040000	435830000	418580000
sp Q96J0 ITCH	sp Q96J0	1	3	3	3	4.3	102.8	59894000	0	0	88629000	0	0
sp Q96J4 TXNDC15	sp Q96J4	1	1	1	1	5.3	39.885	0	0	0	22057000	0	0
sp Q96JB DNAH8	sp Q96JB	1	4	4	4	1.2	514.66	1698800000	1932300000	922310000	1546600000	1959900000	1834500000
sp Q96JB COG3	sp Q96JB	1	3	3	3	4.7	94.095	22657000	0	48201000	43751000	42297000	61220000
sp Q96JB CDK5RAP	sp Q96JB	1	5	5	5	12	56.92	0	113590000	93419000	104800000	110060000	118270000
sp Q96JC VPS39	sp Q96JC	1	2	2	2	4.2	101.81	0	0	0	0	54259000	0
sp Q96JG VPS50	sp Q96JG	1	5	5	5	7.9	111.17	197770000	273420000	248400000	244000000	203190000	222030000
sp Q96JH VCPIP1	sp Q96JH	1	3	3	3	4.1	134.32	0	0	0	0	0	88298000
sp Q96JI7 SPG11	sp Q96JI7	1	2	2	2	2.1	278.86	172500000	0	0	0	0	0
sp Q96JJ3 ELMO2	sp Q96JJ3	2	5	5	5	12	82.614	116170000	120830000	0	143480000	171240000	0
sp Q96JJ7 TMX3	sp Q96JJ7	1	9	9	9	21	51.871	558610000	476790000	531650000	568630000	643160000	584000000

sp Q96JM CHAMP1	sp Q96JM	1	3	3	3	4.1	89.098	59837000	45807000	63620000	50413000	48063000	37626000
sp Q96JX SERAC1	sp Q96JX	1	1	1	1	1.4	74.147	0	0	0	0	246850000	0
sp Q96JY PDLIM2	sp Q96JY	1	1	1	1	3.1	37.458	0	0	0	0	0	20454000
sp Q96K1 BTF3L4	sp Q96K1	1	5	5	5	41	17.27	363500000	467630000	375410000	453560000	478880000	356230000
sp Q96K1 RNF170	sp Q96K1	1	1	1	1	5.4	29.814	0	0	0	22407000	0	0
sp Q96K3 SLC35E1	sp Q96K3	1	1	1	1	5.9	44.772	0	0	0	0	0	53081000
sp Q96K7 USP47	sp Q96K7	1	10	10	10	12	157.31	296390000	268770000	211260000	225890000	211720000	257880000
sp Q96KA CLPTM1L	sp Q96KA	1	9	9	9	24	62.228	979580000	794570000	916160000	1188400000	711970000	946770000
sp Q96KB PBK	sp Q96KB	1	8	8	8	35	36.085	735750000	864580000	703830000	760860000	723430000	693530000
sp Q96KG SCYL1	sp Q96KG	1	5	5	5	7.8	89.63	205480000	194150000	192250000	223530000	189560000	229660000
sp Q96KP EXOC2	sp Q96KP	1	3	3	3	5	104.07	0	0	120440000	0	0	0
sp Q96KP CNDP2	sp Q96KP	1	15	15	15	43	52.878	1785500000	1645900000	1605000000	1723300000	1689800000	1936000000
sp Q96KC EHMT2	sp Q96KC	1	2	2	2	3.1	132.37	27990000	0	27841000	43453000	79487000	0
sp Q96KR ZFR	sp Q96KR	1	20	20	20	29	117.01	1.2539E+10	1.0824E+10	1.3084E+10	10140000000	11699000000	1.1214E+10
sp Q96L9 SNX27	sp Q96L9	1	3	3	3	6.7	61.264	0	53128000	72294000	77988000	85240000	62620000
sp Q96LD TRIM47	sp Q96LD	1	7	7	7	15	69.531	0	0	0	240010000	235840000	215500000
sp Q96LJ DHRS1	sp Q96LJ	1	3	3	3	11	33.909	63817000	76688000	0	0	44838000	92404000
sp Q96LR UBE2E2	sp Q96LR	1	3	3	2	22	22.255	0	0	0	0	82623000	0
sp Q96M2 PRRC1	sp Q96M2	1	6	6	6	17	46.701	455380000	452760000	464020000	553430000	320590000	469910000
sp Q96ME FBXL18	sp Q96ME	1	2	2	2	3	88.34	0	0	0	41800000	0	0
sp Q96ME ZNF512	sp Q96ME	1	2	2	2	9.3	64.681	112660000	97252000	107210000	110480000	117500000	118250000
sp Q96MC NSMCE3	sp Q96MC	1	1	1	1	5.3	34.308	0	0	0	0	0	0
sp Q96ML YTHDC1	sp Q96ML	1	2	2	2	2.5	84.699	0	0	0	0	34476000	0
sp Q96MV CCDC43	sp Q96MV	1	1	1	1	13	25.248	49188000	20128000	66237000	0	0	0
sp Q96MX WDR92	sp Q96MX	1	3	3	3	14	39.74	64088000	88196000	0	68069000	77900000	102770000
sp Q96N6 MBOAT7	sp Q96N6	1	5	5	5	15	52.764	745390000	852890000	952290000	828510000	629590000	770540000
sp Q96N6 DOCK7	sp Q96N6	1	3	3	3	2.8	242.56	87937000	101180000	0	106350000	110750000	89159000
sp Q96NC ZMAT2	sp Q96NC	1	1	1	1	10	23.612	0	0	0	0	0	109760000
sp Q96NH TBC1D32	sp Q96NH	1	1	1	1	1.4	144.75	0	0	0	0	134720000	0
sp Q96NU SAMMD11	sp Q96NU	1	2	2	2	6	72.707	0	76549000	91376000	0	119060000	0
sp Q96P1 NSUN5	sp Q96P1	2	2	2	2	5.8	46.691	103830000	141820000	0	94401000	74227000	0
sp Q96P1 RPRD1A	sp Q96P1	1	6	6	5	28	35.719	328270000	375430000	334360000	420060000	428690000	446430000
sp Q96P4 ARAP1	sp Q96P4	1	2	2	2	1.7	162.19	0	0	0	0	32863000	0
sp Q96P7 IPO9	sp Q96P7	1	14	14	14	20	115.96	2057700000	2040300000	2211500000	2361700000	1841700000	1672700000
sp Q96PC MIA2	sp Q96PC	3	4	4	4	4.2	159.83	0	267650000	0	235730000	245340000	224480000
sp Q96PK RBM14	sp Q96PK	1	17	17	17	32	69.491	3866900000	3855200000	3843100000	4371200000	4131600000	5096000000
sp Q96PU UHRF2	sp Q96PU	1	2	2	2	3	89.984	0	0	0	46957000	0	0
sp Q96PU QKI	sp Q96PU	1	2	2	2	7	37.67	116340000	91436000	110510000	0	104970000	79267000
sp Q96PZ PUS7	sp Q96PZ	1	12	12	12	29	75.035	560520000	521310000	642330000	593380000	613510000	538090000

sp Q96Q1	TRNT1	sp Q96Q1	2	7	7	7	20	50.127	336380000	413390000	371820000	372870000	406480000	388810000
sp Q96Q1	SMG1	sp Q96Q1	1	1	1	1	0.6	410.5	0	0	0	12533000	0	0
sp Q96QC	PPP1R10	sp Q96QC	1	6	6	6	9.7	99.057	159310000	0	0	166620000	201280000	0
sp Q96QL	SLC38A2	sp Q96QL	1	3	3	3	11	56.025	352780000	415850000	442100000	291820000	301440000	348270000
sp Q96QK	VPS35	sp Q96QK	1	19	19	19	28	91.706	3063800000	3283500000	3441900000	3138700000	2944700000	2965800000
sp Q96QF	PURB	sp Q96QF	1	4	4	4	28	33.24	275980000	267700000	293990000	312990000	286410000	328980000
sp Q96QU	XPO6	sp Q96QU	1	2	2	2	2.1	128.88	0	0	25497000	32359000	0	0
sp Q96R0	SPAG5	sp Q96R0	1	4	4	4	5.4	134.42	165090000	306320000	146650000	185800000	148210000	204780000
sp Q96RD	PANX1	sp Q96RD	1	1	1	1	3.3	48.05	0	0	0	0	0	9832500
sp Q96RE	NACC1	sp Q96RE	2	5	5	5	15	57.258	136860000	139770000	144730000	127310000	0	0
sp Q96RN	MED15	sp Q96RN	1	1	1	1	1.4	86.753	0	0	0	0	0	15828000
sp Q96RF	GFM1	sp Q96RF	1	18	18	18	28	83.471	990020000	1154500000	1061500000	1063200000	1211700000	1099200000
sp Q96RC	ERGIC2	sp Q96RC	1	5	5	5	18	42.548	235260000	280570000	316400000	291230000	405750000	307040000
sp Q96RC	MCCC1	sp Q96RC	1	3	3	3	8.4	80.472	0	0	0	37742000	42899000	0
sp Q96RS	NUDCD1	sp Q96RS	1	9	9	9	18	66.755	429050000	491520000	430710000	397620000	435780000	442420000
sp Q96RT	ERBIN	sp Q96RT	1	2	2	2	3.5	158.3	0	45742000	0	34048000	0	0
sp Q96RU	FNBP1	sp Q96RU	1	2	2	2	6.2	71.306	0	0	0	0	26393000	0
sp Q96S4	TP53RK	sp Q96S4	1	4	4	4	23	28.16	206840000	187390000	162480000	201420000	172230000	151150000
sp Q96S5	PIGS	sp Q96S5	1	8	8	8	22	61.655	289950000	361430000	355560000	363340000	332920000	429590000
sp Q96S5	WRNIP1	sp Q96S5	1	4	4	4	9.2	72.132	0	0	0	0	136570000	0
sp Q96S5	RANBP9	sp Q96S5	1	2	2	2	4.7	77.846	0	32375000	0	0	38211000	0
sp Q96S6	CLCC1	sp Q96S6	1	1	1	1	3.1	62.022	0	0	0	0	0	30112000
sp Q96S8	UBL7	sp Q96S8	1	5	5	5	19	40.51	228910000	315260000	233580000	237950000	0	211500000
sp Q96S9	MYADM	sp Q96S9	1	3	3	3	14	35.273	289350000	307220000	272770000	355000000	357180000	332310000
sp Q96SB	SRPK1	sp Q96SB	2	7	7	6	14	74.324	636670000	527180000	643010000	420880000	417840000	491570000
sp Q96SI9	STRBP	sp Q96SI9	1	6	3	3	11	73.652	0	0	0	0	0	37928000
sp Q96SK	TMEM209	sp Q96SK	1	5	5	5	17	62.921	148430000	149730000	0	147020000	134780000	0
sp Q96ST	IWS1	sp Q96ST	1	4	4	4	6.8	91.954	216830000	110320000	127930000	155600000	189970000	110740000
sp Q96ST	SIN3A	sp Q96ST	1	9	9	9	12	145.17	234410000	252470000	340100000	304820000	295860000	298690000
sp Q96SU	OSBPL9	sp Q96SU	1	5	5	5	9.8	83.184	188800000	190650000	0	0	237600000	196700000
sp Q96SV	CRBN	sp Q96SV	1	1	1	1	4.8	50.545	0	0	0	19575000	0	0
sp Q96SY	INTS14	sp Q96SY	1	2	2	2	7.7	57.47	0	0	0	0	0	76651000
sp Q96SZ	ADO	sp Q96SZ	1	2	2	2	10	29.751	0	0	0	0	0	35891000
sp Q96SZ	CDK5RAP	sp Q96SZ	1	3	3	3	9.7	67.688	0	0	42236000	0	0	0
sp Q96T2	RSF1	sp Q96T2	1	5	5	5	4.9	163.82	131470000	189550000	170130000	140740000	129960000	112160000
sp Q96T3	RBM15	sp Q96T3	1	8	8	8	14	107.19	310060000	268970000	287400000	263440000	331560000	269640000
sp Q96T5	RUFY1	sp Q96T5	1	7	7	7	15	79.817	326450000	351440000	339190000	318520000	298760000	346850000
sp Q96T7	MMS19	sp Q96T7	1	6	6	6	11	113.29	0	268050000	193550000	171670000	125430000	143160000
sp Q96T8	UHRF1	sp Q96T8	1	11	11	11	18	89.813	385040000	356040000	299190000	228440000	220090000	256260000

sp Q96TA FAM129B	sp Q96TA	1	22	22	22	40	84.137	3119300000	3721900000	3536400000	2802700000	2212100000	2791300000
sp Q96TA YME1L1	sp Q96TA	1	7	7	7	12	86.454	246470000	225340000	309580000	230450000	188360000	249820000
sp Q96TC RMDN3	sp Q96TC	1	8	8	8	23	52.118	293380000	167890000	306320000	539100000	283170000	322220000
sp Q9941 MYCBP	sp Q9941	1	5	5	5	52	11.967	668260000	580260000	598260000	458890000	586600000	556850000
sp Q9942 TCB	sp Q9942	1	6	6	6	30	27.325	977340000	1014200000	772390000	915340000	905590000	954430000
sp Q9943 PSMB7	sp Q9943	1	6	6	6	26	29.965	1918300000	2494700000	2159600000	2008800000	2311500000	1937600000
sp Q9943 CNN2	sp Q9943	1	11	11	10	54	33.697	3244000000	3198300000	3273600000	3147800000	2884200000	2580500000
sp Q9944 SEC62	sp Q9944	1	1	1	1	2.3	45.861	0	0	0	0	0	94620000
sp Q9944 PCYT2	sp Q9944	1	3	3	3	13	43.835	245070000	276330000	264540000	228870000	301320000	351980000
sp Q9945 CDC5L	sp Q9945	1	20	20	20	36	92.25	1658300000	1872400000	1515100000	1664600000	1900300000	1800600000
sp Q9946 PSMD1	sp Q9946	1	37	37	37	49	105.84	5338500000	5224200000	4998500000	4829100000	6157100000	5810600000
sp Q9947 SDF2	sp Q9947	1	5	5	5	33	23.026	83222000	116230000	135810000	129400000	138530000	166410000
sp Q9947 PFDN5	sp Q9947	1	9	9	9	71	17.328	2083700000	1455200000	1897700000	1948800000	2797900000	1927400000
sp Q9949 PARK7	sp Q9949	1	12	12	12	74	19.891	1.1139E+10	1.4358E+10	1.046E+10	11741000000	14105000000	1.1584E+10
sp Q9950 EYA3	sp Q9950	1	2	2	2	5.8	62.662	70416000	0	0	0	0	0
sp Q9953 VAT1	sp Q9953	1	11	11	11	47	41.92	1732200000	2590400000	2154800000	2114200000	2137500000	1898800000
sp Q9953 LGMN	sp Q9953	1	3	3	3	18	49.411	110700000	250390000	0	56852000	0	0
sp Q9954 DNAJC2	sp Q9954	1	8	8	8	16	71.996	287270000	232950000	245430000	213180000	224570000	226700000
sp Q9954 MPHOSP	sp Q9954	1	2	2	2	18	19.024	0	0	99471000	0	0	122950000
sp Q9955 MAP3K14	sp Q9955	1	2	2	2	1.7	104.04	273300000	179980000	0	274210000	243920000	282380000
sp Q9956 NUP88	sp Q9956	1	13	13	13	26	83.541	934090000	992410000	685350000	1010300000	873180000	926910000
sp Q9957 PIK3R4	sp Q9957	1	3	3	3	3.1	153.1	0	0	0	0	0	59228000
sp Q9957 POP1	sp Q9957	1	13	13	13	24	114.71	514130000	438840000	516490000	548810000	404590000	458190000
sp Q9958 S100A13	sp Q9958	1	6	6	6	49	11.471	1958300000	1951300000	1869100000	1670500000	2265100000	1819000000
sp Q9959 SCAF11	sp Q9959	1	10	10	10	11	164.65	546100000	547550000	438380000	0	522770000	522910000
sp Q9959 TIMM17A	sp Q9959	1	1	1	1	13	18.023	0	0	0	0	38539000	0
sp Q9959 TSNAX	sp Q9959	1	6	6	6	30	33.112	429620000	362190000	416460000	554880000	452420000	367490000
sp Q9961 EIF3C	sp Q9961	2	29	29	29	38	105.34	4210500000	4884800000	4797600000	4312300000	4483000000	4578500000
sp Q9961 TTC1	sp Q9961	1	9	9	9	39	33.526	1110300000	874430000	1031600000	1015800000	899840000	998950000
sp Q9961 DNAJC7	sp Q9961	1	20	20	20	45	56.44	2222500000	2277800000	2221200000	2115100000	2024800000	2433300000
sp Q9961 CDCA3	sp Q9961	1	2	2	2	13	28.998	0	0	68928000	47822000	0	102530000
sp Q9962 C12orf57	sp Q9962	1	3	3	3	37	13.178	198300000	191790000	321240000	188670000	174530000	157180000
sp Q9962 PHB2	sp Q9962	1	14	14	14	53	33.296	6808500000	7739000000	8491600000	8566700000	7989000000	7614400000
sp Q9962 COPS8	sp Q9962	1	5	5	5	41	23.225	790860000	1001400000	837520000	787810000	890800000	930800000
sp Q9963 PRPF18	sp Q9963	1	1	1	1	5.8	39.859	0	0	0	0	0	0
sp Q9964 SDHC	sp Q9964	1	2	2	2	12	18.61	153300000	167860000	159160000	170400000	170010000	173960000
sp Q9965 CHP1	sp Q9965	1	3	3	3	24	22.456	78204000	0	83750000	89902000	88641000	0
sp Q9966 KIF2C	sp Q9966	1	10	10	9	25	81.312	373750000	299430000	390130000	421600000	473230000	464180000
sp Q9970 ATXN2	sp Q9970	1	5	5	5	5	140.28	0	188170000	0	0	0	134710000

sp Q9970 MTR	sp Q9970	1	3	3	3	4	140.53	0	81586000	0	0	0	0
sp Q9971 HSD17B1	sp Q9971	1	15	15	15	79	26.923	6172800000	6468500000	6224700000	7035500000	7033900000	5760600000
sp Q9971 COL12A1	sp Q9971	1	15	15	15	7.5	333.14	498770000	615060000	554910000	396670000	328510000	440460000
sp Q9972 SIGMAR1	sp Q9972	1	3	3	3	24	25.127	658530000	520610000	597840000	564000000	650060000	557210000
sp Q9972 HNRNPAB	sp Q9972	1	6	6	6	19	36.224	2636700000	2429900000	2651100000	2091200000	1931200000	1772300000
sp Q9973 NAP1L4	sp Q9973	1	13	13	12	46	42.823	3810400000	4811500000	3994900000	4108000000	4044000000	4180600000
sp Q9973 MGST2	sp Q9973	1	1	1	1	9.5	16.62	0	0	0	0	0	692700000
sp Q9974 NAPG	sp Q9974	1	5	5	5	21	34.746	191350000	216960000	219600000	223090000	209260000	0
sp Q9975 TXN2	sp Q9975	1	3	3	3	37	18.383	311640000	293510000	384380000	489720000	432460000	306100000
sp Q9979 ACO2	sp Q9979	1	24	24	24	43	85.424	2903400000	2827800000	3062500000	3343600000	3177800000	3422200000
sp Q9980 TM9SF2	sp Q9980	1	9	9	9	19	75.775	2330100000	2064200000	2296100000	2616300000	2685300000	2489800000
sp Q9980 COQ7	sp Q9980	1	1	1	1	8.3	24.277	0	0	0	0	0	30634000
sp Q9980 SLC29A1	sp Q9980	1	4	4	4	9.4	50.219	225840000	273410000	197040000	158970000	130380000	123090000
sp Q9981 TSG101	sp Q9981	1	6	6	6	23	43.944	316580000	280620000	199120000	252420000	477200000	304410000
sp Q9982 CPNE1	sp Q9982	1	9	9	9	21	59.058	903740000	913370000	924980000	966310000	878340000	800300000
sp Q9983 CCT7	sp Q9983	1	29	29	29	61	59.366	1.3389E+10	1.3546E+10	1.2675E+10	11845000000	12414000000	1.3665E+10
sp Q9983 MYD88	sp Q9983	1	2	2	2	13	33.233	0	0	0	0	0	88734000
sp Q9984 EBNA1BP	sp Q9984	1	11	11	11	36	34.852	1684200000	1832100000	1771900000	1655900000	1778300000	1864600000
sp Q9987 HAUS7	sp Q9987	1	1	1	1	4.3	40.778	0	0	0	0	0	19146000
sp Q9987 PRMT1	sp Q9987	2	14	14	14	38	42.461	4500600000	4646100000	4885500000	4567400000	4752000000	5073000000
sp Q9993 BAG1	sp Q9993	1	5	5	5	16	38.778	532490000	373520000	450100000	422280000	536490000	423030000
sp Q9994 ATF6B	sp Q9994	1	1	1	1	2	76.708	0	0	0	0	0	2958000
sp Q9994 RNF5	sp Q9994	1	1	1	1	8.3	19.881	0	0	0	0	0	48053000
sp Q9994 AGPAT1	sp Q9994	1	1	1	1	7.4	31.716	14345000	0	24060000	42163000	29022000	44616000
sp Q9996 SH3GL1	sp Q9996	2	8	8	8	27	41.489	919280000	967310000	906480000	976760000	1152300000	1155400000
sp Q9998 VRK1	sp Q9998	1	6	6	6	23	45.476	158310000	0	0	0	160230000	175990000
sp Q9BPV NIPSNAP	sp Q9BPV	1	4	4	4	16	33.31	179720000	256290000	211850000	164610000	214640000	233580000
sp Q9BPX NCAPG	sp Q9BPX	1	19	19	19	27	114.33	974840000	1099200000	1191400000	926810000	932450000	810830000
sp Q9BPX ARPC5L	sp Q9BPX	1	4	3	3	46	16.941	519310000	536200000	0	366380000	646330000	475480000
sp Q9BPX MICU1	sp Q9BPX	1	1	1	1	4.4	54.351	0	0	0	0	37346000	0
sp Q9BPZ PAIP2	sp Q9BPZ	1	2	2	2	35	14.984	0	0	0	85620000	58433000	124810000
sp Q9BPZ MAPKAP	sp Q9BPZ	1	1	1	1	3.3	59.122	0	0	41220000	0	0	0
sp Q9BQ0 RBM4B	sp Q9BQ0	1	11	1	1	30	40.149	0	0	0	0	0	31010000
sp Q9BQ1 NABP2	sp Q9BQ1	1	1	1	1	3.3	22.338	0	0	0	0	46198000	0
sp Q9BQ3 DDX50	sp Q9BQ3	1	8	6	6	16	82.564	129990000	143880000	168890000	143260000	160900000	137740000
sp Q9BQ4 MRPL34	sp Q9BQ4	1	1	1	1	11	10.165	0	0	0	0	61002000	0
sp Q9BQ5 ELAC2	sp Q9BQ5	1	23	23	23	43	92.218	1715200000	1793100000	1360300000	1520400000	1505200000	1812000000
sp Q9BQ6 TRIR	sp Q9BQ6	1	5	5	5	35	18.419	310300000	0	99237000	117880000	288260000	189670000
sp Q9BQ6 GRWD1	sp Q9BQ6	1	7	7	7	30	49.419	1151100000	1127900000	1123400000	1260500000	1245800000	1306400000

sp Q9BQ6	MACROD	sp Q9BQ6	1	3	3	3	15	35.505	221360000	297950000	269350000	333170000	291920000	315750000
sp Q9BQ7	TCF25	sp Q9BQ7	1	3	3	3	5.5	76.666	345110000	0	0	0	311730000	0
sp Q9BQ7	CMSS1	sp Q9BQ7	1	3	3	3	12	31.884	0	0	0	0	118990000	0
sp Q9BQ9	ECSIT	sp Q9BQ9	1	3	3	3	14	49.148	49228000	60598000	0	83986000	68107000	0
sp Q9BQA	WDR77	sp Q9BQA	1	9	9	9	45	36.724	1374200000	1758700000	1343700000	1458400000	1395600000	1543600000
sp Q9BQE	VKORC1	sp Q9BQE	1	1	1	1	8	18.234	0	0	0	0	0	534910000
sp Q9BQC	DPH2	sp Q9BQC	1	1	1	1	3.9	52.082	0	0	0	0	15078000	0
sp Q9BQC	MRPL57	sp Q9BQC	1	2	2	2	30	12.266	291860000	413070000	142070000	431430000	937920000	778250000
sp Q9BQL	KXD1	sp Q9BQL	1	1	1	1	8.5	19.668	0	0	0	0	0	17530000
sp Q9BQE	TUBA1C	sp Q9BQE	1	21	21	4	61	49.895	1.0735E+11	1.0725E+11	1.0515E+11	98960000000	90018000000	1.0601E+11
sp Q9BQE	SELENOS	sp Q9BQE	1	1	1	1	9	21.163	0	0	0	0	0	0
sp Q9BQE	APOL2	sp Q9BQE	1	4	4	4	14	37.092	188250000	220390000	201420000	190790000	232460000	85456000
sp Q9BQC	MYBBP1A	sp Q9BQC	1	31	31	31	27	148.85	4222200000	5015700000	4510600000	4068600000	4621900000	4784500000
sp Q9BQL	FERMT1	sp Q9BQL	1	3	1	1	4.7	77.436	0	0	0	0	0	32959000
sp Q9BQF	MGME1	sp Q9BQF	1	5	5	5	20	39.42	0	105470000	0	0	0	0
sp Q9BQC	GORASP	sp Q9BQC	1	1	1	1	4.8	46.482	0	0	0	0	0	30551000
sp Q9BR6	ACBD6	sp Q9BR6	1	3	3	3	15	31.15	0	0	0	0	0	84154000
sp Q9BR7	CORO1B	sp Q9BR7	1	11	11	10	30	54.234	1347600000	1194900000	1202700000	1154800000	1017900000	1281100000
sp Q9BRA	TXNDC17	sp Q9BRA	1	5	5	5	44	13.941	1451500000	1550700000	1666900000	1832900000	1539900000	1626100000
sp Q9BRF	CPPED1	sp Q9BRF	1	2	2	2	12	35.548	0	0	122360000	0	0	0
sp Q9BRG	VPS25	sp Q9BRG	1	2	2	2	17	20.747	0	152200000	0	0	0	0
sp Q9BRJ	MRPL45	sp Q9BRJ	1	6	6	6	31	35.351	296580000	528050000	441850000	233440000	372800000	130970000
sp Q9BRJ	C7orf50	sp Q9BRJ	1	7	7	7	46	22.083	1210400000	1169700000	1076000000	1151500000	1255200000	1413300000
sp Q9BRJ	NUDT16L	sp Q9BRJ	1	2	1	1	13	23.338	0	0	0	0	0	15380000
sp Q9BRK	SDF4	sp Q9BRK	1	4	4	4	11	41.806	161450000	164920000	139680000	228150000	210060000	0
sp Q9BRF	PYM1	sp Q9BRF	1	3	3	3	25	22.655	0	215380000	270980000	0	0	0
sp Q9BRG	AIFM2	sp Q9BRG	1	4	4	4	13	40.526	363480000	297210000	251650000	328000000	391210000	398060000
sp Q9BRF	ADPGK	sp Q9BRF	1	3	3	3	12	54.088	95153000	109190000	95537000	78090000	51454000	73762000
sp Q9BR9	RIOK1	sp Q9BR9	1	1	1	1	3	65.582	0	0	0	0	0	32226000
sp Q9BRT	UQCC2	sp Q9BRT	1	2	2	2	23	14.875	0	0	0	90032000	0	0
sp Q9BRT	LLPH	sp Q9BRT	1	2	2	2	22	15.225	162110000	152970000	161700000	0	0	143670000
sp Q9BRT	GINS4	sp Q9BRT	1	3	3	3	21	26.047	169440000	168330000	146170000	124050000	203840000	120770000
sp Q9BRX	PELO	sp Q9BRX	1	9	9	9	28	43.359	530820000	755590000	588580000	575700000	636110000	529780000
sp Q9BRX	GINS3	sp Q9BRX	1	2	2	2	16	24.534	0	0	0	0	58421000	0
sp Q9BRX	FAM213A	sp Q9BRX	1	1	1	1	4.8	25.764	0	0	0	0	0	37816000
sp Q9BRZ	TRIM56	sp Q9BRZ	1	3	3	3	6.2	81.487	59129000	0	55945000	59083000	65990000	64389000
sp Q9BS2	ERP44	sp Q9BS2	1	7	7	7	21	46.971	1836000000	2064900000	2051800000	2310500000	1858700000	1709700000
sp Q9BS4	LXN	sp Q9BS4	1	2	2	2	12	25.75	261170000	90201000	220110000	325450000	308870000	323850000
sp Q9BSC	NOL10	sp Q9BSC	1	8	8	8	22	80.301	246760000	273420000	397770000	292180000	396800000	294260000

sp Q9BSL NTPCR	sp Q9BSL	1	7	7	7	48	20.713	498340000	507580000	401210000	602900000	526510000	515910000
sp Q9BSE AGMAT	sp Q9BSE	1	1	1	1	8.5	37.66	0	0	0	0	0	104350000
sp Q9BSF TIMM29	sp Q9BSF	1	1	1	1	6.5	29.233	0	0	0	18983000	0	0
sp Q9BSH TACO1	sp Q9BSH	1	4	4	4	24	32.477	389340000	310070000	282030000	392860000	442140000	307330000
sp Q9BSJ TUBGCP2	sp Q9BSJ	1	4	4	4	6.1	102.53	0	0	0	77448000	0	0
sp Q9BSJ ESYT1	sp Q9BSJ	1	23	23	23	31	122.85	1929400000	2398700000	1981900000	2304200000	2387800000	2243700000
sp Q9BSL UBAC1	sp Q9BSL	1	1	1	1	4.2	45.338	0	0	0	0	0	22459000
sp Q9BSF YIPF4	sp Q9BSF	1	1	1	1	3.7	27.082	0	0	0	0	0	82659000
sp Q9BSV TSEN34	sp Q9BSV	1	2	2	2	8.4	33.652	0	0	0	0	0	45056000
sp Q9BT0 CNPY3	sp Q9BT0	1	3	3	3	17	30.748	120090000	0	121930000	144280000	194280000	307180000
sp Q9BT2 ALG1	sp Q9BT2	2	6	6	6	18	52.518	445540000	393160000	326160000	401290000	376360000	363740000
sp Q9BT7 PSMG3	sp Q9BT7	1	4	4	4	51	13.104	203630000	164320000	200840000	333780000	239000000	255570000
sp Q9BT7 COPS4	sp Q9BT7	1	16	16	16	52	46.268	1452100000	1510600000	1529600000	1449600000	1434200000	1481800000
sp Q9BTC DIDO1	sp Q9BTC	1	11	11	11	10	243.87	482480000	514540000	419290000	591660000	515770000	568960000
sp Q9BTC MTA3	sp Q9BTC	1	5	2	2	9.8	67.503	89017000	44268000	0	0	58560000	106600000
sp Q9BTD RBM42	sp Q9BTD	1	4	4	4	19	50.413	0	0	163270000	0	220650000	313190000
sp Q9BTE DCTN5	sp Q9BTE	1	2	2	2	12	20.126	126420000	0	17950000	0	173850000	74214000
sp Q9BTE MCMBP	sp Q9BTE	1	10	10	10	22	72.979	447960000	454820000	490290000	367780000	420720000	305080000
sp Q9BTE AARSD1	sp Q9BTE	1	5	5	5	21	45.479	160260000	209630000	192860000	219070000	199690000	180110000
sp Q9BTE DCUN1D5	sp Q9BTE	2	3	3	3	12	27.508	136490000	121000000	139540000	136280000	165320000	122820000
sp Q9BTT ANP32E	sp Q9BTT	1	5	5	5	23	30.692	1729100000	1730400000	1803600000	1677600000	1469700000	1722700000
sp Q9BTU PI4K2A	sp Q9BTU	1	2	2	2	4	54.022	0	0	0	26491000	0	0
sp Q9BTV TMEM43	sp Q9BTV	1	14	14	14	51	44.875	1866600000	1808500000	1335100000	1804100000	1889400000	1577700000
sp Q9BTV TBCD	sp Q9BTV	1	12	12	12	17	132.6	554050000	582260000	589360000	538220000	508000000	493570000
sp Q9BTX NDC1	sp Q9BTX	1	8	8	8	20	76.304	185640000	197710000	359880000	378130000	432020000	378080000
sp Q9BTY HGH1	sp Q9BTY	1	7	7	7	30	42.129	156610000	155470000	240670000	174770000	218970000	138440000
sp Q9BTZ DHRS4	sp Q9BTZ	2	4	4	4	14	29.537	0	0	98832000	0	133710000	163090000
sp Q9BU2 LMF2	sp Q9BU2	1	1	1	1	3	79.697	0	0	0	0	0	0
sp Q9BU6 NDUFAF3	sp Q9BU6	1	2	2	2	13	20.35	0	0	0	0	0	120480000
sp Q9BU7 MMTAG2	sp Q9BU7	1	2	2	2	9.1	29.411	161740000	158090000	91806000	0	166590000	0
sp Q9BU8 DOHH	sp Q9BU8	1	5	5	5	29	32.904	175440000	161320000	127840000	176710000	214650000	236930000
sp Q9BUE TMEM70	sp Q9BUE	1	2	2	2	8.8	28.969	0	0	0	0	0	26183000
sp Q9BUE ISCA1	sp Q9BUE	1	1	1	1	10	14.179	0	0	0	0	0	42604000
sp Q9BUF TUBB6	sp Q9BUF	1	22	14	9	73	49.857	3907400000	3719800000	4087700000	4761400000	3396300000	4009800000
sp Q9BUH PAXX	sp Q9BUH	1	2	2	2	15	21.639	0	0	0	0	0	76421000
sp Q9BUI POLR3C	sp Q9BUI	1	3	3	3	9.4	60.611	0	0	0	0	0	110390000
sp Q9BUJ HNRNPU1	sp Q9BUJ	1	22	22	22	35	95.737	2448500000	1885100000	2522500000	2783700000	2931700000	2909200000
sp Q9BUK MSTO1	sp Q9BUK	1	5	5	4	7.5	61.835	405240000	220370000	348370000	311230000	284300000	415750000
sp Q9BUL PDCD10	sp Q9BUL	1	4	4	4	26	24.701	432870000	366630000	422810000	336800000	345670000	399640000

sp Q9BUL	RPP25	sp Q9BUL	1	2	2	2	22	20.632	0	0	0	0	0	51703000
sp Q9BUN	G6PC3	sp Q9BUN	1	1	1	1	6.1	38.734	0	18420000	0	0	0	0
sp Q9BUN	DERL1	sp Q9BUN	1	4	4	4	14	28.8	207410000	234440000	239330000	261640000	187170000	221760000
sp Q9BUF	HTATIP2	sp Q9BUF	1	7	7	7	34	27.049	901900000	655130000	832840000	973720000	758060000	706070000
sp Q9BUC	DDX23	sp Q9BUC	1	17	17	17	24	95.581	719480000	712570000	633560000	698360000	719990000	850630000
sp Q9BUF	WRAP53	sp Q9BUF	1	7	7	7	24	59.309	195690000	232510000	195990000	122200000	222680000	186310000
sp Q9BUF	APOO	sp Q9BUF	1	5	5	5	33	22.284	0	191060000	303350000	0	274930000	322900000
sp Q9BV2	MRI1	sp Q9BV2	1	4	4	4	15	39.149	0	237230000	171730000	0	0	0
sp Q9BV3	WDR18	sp Q9BV3	1	6	6	6	17	47.405	324030000	296170000	372960000	401850000	436820000	0
sp Q9BV4	VAMP8	sp Q9BV4	1	2	2	2	18	11.438	0	0	0	0	0	322130000
sp Q9BV4	THUMPD	sp Q9BV4	1	8	8	8	25	57.002	278410000	381790000	201520000	262980000	181360000	247320000
sp Q9BV5	ADI1	sp Q9BV5	1	4	4	4	28	21.498	219470000	148790000	0	199340000	168750000	159170000
sp Q9BV6	RNF126	sp Q9BV6	1	1	1	1	7.4	35.584	0	0	0	0	0	165020000
sp Q9BV8	EMC6	sp Q9BV8	1	1	1	1	9.1	12.017	0	0	0	0	0	0
sp Q9BV8	NTMT1	sp Q9BV8	1	8	8	8	50	25.387	500180000	846210000	618880000	585150000	785770000	629610000
sp Q9BVC	MLST8	sp Q9BVC	1	3	3	3	19	35.876	200820000	174520000	142830000	178880000	162440000	0
sp Q9BVC	TMEM109	sp Q9BVC	1	2	2	2	9.1	26.21	676170000	746430000	675280000	805200000	972780000	1072300000
sp Q9BVC	PBDC1	sp Q9BVC	1	4	4	4	23	26.056	370520000	305300000	349640000	345260000	436910000	303780000
sp Q9BVC	PTDSS2	sp Q9BVC	1	2	2	2	6.2	56.252	0	51668000	34812000	0	0	55348000
sp Q9BVI4	NOC4L	sp Q9BVI4	1	7	7	7	17	58.467	268360000	350170000	283590000	296670000	364280000	316630000
sp Q9BVJ	UTP14A	sp Q9BVJ	2	8	8	8	16	87.977	315640000	365230000	355540000	351640000	410140000	263510000
sp Q9BVJ	DUSP23	sp Q9BVJ	1	3	3	3	26	16.588	71325000	0	0	0	0	0
sp Q9BVK	TMED9	sp Q9BVK	1	8	8	7	35	27.277	1270200000	1036600000	907730000	1340600000	1088200000	629220000
sp Q9BVL	NUP58	sp Q9BVL	1	3	3	3	8.3	60.896	0	0	243250000	0	0	0
sp Q9BVL	SELENO	sp Q9BVL	1	1	1	1	1.8	73.488	0	0	0	0	0	0
sp Q9BVF	GNL3	sp Q9BVF	1	17	17	17	38	61.992	1186700000	1338300000	1169100000	1508200000	1148700000	1249800000
sp Q9BVC	SPATA5L	sp Q9BVC	1	5	5	5	11	80.709	50775000	0	43374000	0	0	0
sp Q9BVS	RIOK2	sp Q9BVS	1	2	2	2	5.8	63.282	0	0	0	38247000	29046000	0
sp Q9BVT	TMUB1	sp Q9BVT	1	2	2	2	16	26.261	0	148880000	160070000	0	0	0
sp Q9BW1	KIFC1	sp Q9BW1	1	7	7	7	13	73.747	294740000	334370000	293390000	427910000	366090000	352880000
sp Q9BW2	NUP85	sp Q9BW2	1	10	10	10	23	75.019	941800000	1058700000	976070000	985640000	1085100000	1046500000
sp Q9BW6	ELOVL1	sp Q9BW6	1	2	2	2	9.7	32.662	252910000	241420000	236010000	315210000	171110000	120370000
sp Q9BW7	HIRIP3	sp Q9BW7	1	2	2	2	5.4	61.956	0	0	0	0	93096000	0
sp Q9BW7	HIGD2A	sp Q9BW7	1	1	1	1	27	11.528	637470000	166170000	197280000	866270000	605850000	0
sp Q9BW9	NUDT9	sp Q9BW9	1	3	3	3	11	39.125	173890000	113320000	134550000	113190000	144610000	109460000
sp Q9BW9	TARS2	sp Q9BW9	1	4	4	4	9.5	81.035	0	68290000	0	0	0	0
sp Q9BWI	ACAT2	sp Q9BWI	1	13	13	13	57	41.35	3430000000	2798500000	2570200000	2876100000	2937800000	2580600000
sp Q9BWI	RBM4	sp Q9BWI	1	13	13	3	41	40.313	1640400000	1344400000	1451800000	1446200000	1478900000	1594000000
sp Q9BWI	FUNDC2	sp Q9BWI	1	2	2	2	13	20.675	0	0	0	0	872150000	0

sp Q9BWJ SF3B5	sp Q9BWJ	1	4	4	4	56	10.135	1711000000	1530200000	1263900000	1256200000	1494400000	1696900000
sp Q9BWJ SFXN3	sp Q9BWJ	1	10	9	9	42	35.503	924200000	922550000	813410000	1100600000	1305200000	1151900000
sp Q9BWJ YIPF2	sp Q9BWJ	1	1	1	1	9.2	35.151	0	0	0	0	0	33804000
sp Q9BWJ SLC4A1A	sp Q9BWJ	1	3	3	3	5.9	88.813	0	0	0	146510000	0	0
sp Q9BX4 LSM14B	sp Q9BX4	1	5	5	5	27	42.07	122130000	134400000	100500000	0	161520000	167360000
sp Q9BX6 SORBS1	sp Q9BX6	1	1	1	1	0.8	142.51	0	190950000	527140000	223660000	0	0
sp Q9BX6 HINT2	sp Q9BX6	1	6	6	6	52	17.162	818640000	894980000	1060000000	1207200000	1232500000	985130000
sp Q9BXE OSBPL11	sp Q9BXE	1	3	2	2	5.1	83.642	60256000	67684000	61077000	52921000	26748000	64086000
sp Q9BXE OSBPL10	sp Q9BXE	1	5	5	4	8.5	83.969	213050000	350840000	312830000	228040000	206600000	254090000
sp Q9BXJ NAA15	sp Q9BXJ	2	21	21	21	32	101.27	2519600000	2810800000	2441100000	2167300000	2283500000	2587900000
sp Q9BXK BCL2L13	sp Q9BXK	1	4	4	4	16	52.723	0	160580000	146380000	0	123260000	0
sp Q9BXF SRRT	sp Q9BXF	1	19	19	19	26	100.67	2827000000	3080900000	3110000000	3335800000	3261800000	2870200000
sp Q9BXF QTRT1	sp Q9BXF	1	4	4	4	17	44.047	0	75456000	0	0	0	0
sp Q9BXS AP1M1	sp Q9BXS	2	13	13	13	40	48.586	615250000	806100000	752500000	718630000	724050000	699370000
sp Q9BXS NUSAP1	sp Q9BXS	1	3	3	3	8.2	49.451	0	145740000	0	0	0	90790000
sp Q9BXT CACNG6	sp Q9BXT	1	1	1	1	2.7	28.129	0	0	0	0	0	383660000
sp Q9BXL STK31	sp Q9BXL	1	1	1	1	0.8	115.69	0	0	0	0	0	30467000
sp Q9BXV GON7	sp Q9BXV	1	2	2	2	41	10.859	0	0	0	0	136730000	0
sp Q9BXV HDHD5	sp Q9BXV	1	5	5	5	19	46.321	160410000	282940000	158860000	174270000	178100000	139810000
sp Q9BXV FANCD2	sp Q9BXV	1	6	6	6	5.7	164.13	0	392140000	346940000	0	188000000	0
sp Q9BXY MAK16	sp Q9BXY	1	4	4	4	19	35.368	248310000	206100000	226040000	180830000	193990000	241710000
sp Q9BY3 ITPA	sp Q9BY3	1	5	5	5	44	21.445	585050000	537560000	472520000	412780000	563960000	528090000
sp Q9BY4 RTFDC1	sp Q9BY4	1	2	2	2	9.5	33.886	92449000	60653000	135080000	102160000	0	75735000
sp Q9BY4 CHMP4A	sp Q9BY4	1	6	6	6	42	25.098	245810000	445100000	216030000	343260000	330960000	381540000
sp Q9BY4 EIF2A	sp Q9BY4	1	19	19	19	45	64.989	2462500000	2416200000	2489000000	2042900000	1910800000	2091300000
sp Q9BY7 POLDIP3	sp Q9BY7	1	7	7	7	23	46.089	935440000	953700000	819040000	1052600000	1141400000	683770000
sp Q9BYC MRPL32	sp Q9BYC	1	2	2	2	12	21.405	0	36842000	0	0	0	0
sp Q9BYC MRPL20	sp Q9BYC	1	3	3	3	26	17.442	0	140130000	0	0	0	228060000
sp Q9BYD MRPL13	sp Q9BYD	1	8	8	8	48	20.692	399500000	382780000	349710000	335220000	359650000	343600000
sp Q9BYD MRPL9	sp Q9BYD	1	5	5	5	24	30.243	327420000	305720000	302450000	273670000	349810000	368010000
sp Q9BYD MRPL4	sp Q9BYD	1	7	7	7	42	34.919	545710000	741530000	732890000	575760000	492390000	443940000
sp Q9BYD MRPL1	sp Q9BYD	1	4	4	4	23	36.908	273580000	264160000	328470000	519150000	509230000	492230000
sp Q9BYG NIFK	sp Q9BYG	1	9	9	9	44	34.222	977630000	909920000	911800000	1041500000	1084600000	1189100000
sp Q9BYJ YTHDF1	sp Q9BYJ	1	7	2	2	14	60.873	58860000	0	0	70944000	84144000	75007000
sp Q9BYN SRXN1	sp Q9BYN	1	3	3	3	34	14.259	134540000	121540000	128810000	137560000	196810000	126890000
sp Q9BYN MRPS26	sp Q9BYN	1	3	3	3	15	24.211	0	253260000	250440000	0	223750000	324020000
sp Q9BYT NLN	sp Q9BYT	1	11	11	11	19	80.651	640800000	582600000	489660000	608670000	598750000	474650000
sp Q9BYX TBC1D2	sp Q9BYX	1	5	5	5	9.6	105.41	490130000	657640000	373830000	540630000	583350000	683150000
sp Q9BZD NUF2	sp Q9BZD	1	2	2	2	3.9	54.303	0	0	42896000	0	0	0

sp Q9BZE MRPL37	sp Q9BZE	1	8	8	8	28	48.117	540060000	711140000	571630000	572320000	636400000	739490000
sp Q9BZE GTPBP4	sp Q9BZE	1	19	19	19	38	73.964	2163900000	2145600000	2113800000	2683300000	2195400000	2406900000
sp Q9BZF OSBPL8	sp Q9BZF	1	7	7	7	12	101.19	212710000	169100000	201070000	182600000	154340000	202620000
sp Q9BZG RAB34	sp Q9BZG	1	3	3	3	13	29.044	172850000	192810000	198330000	179410000	214230000	158590000
sp Q9BZH WDR11	sp Q9BZH	1	3	3	3	3.5	136.68	0	58859000	0	82249000	58515000	0
sp Q9BZI UPF3B	sp Q9BZI	1	5	5	5	15	57.761	204010000	164430000	209040000	192070000	164270000	204240000
sp Q9BZJ CRNKL1	sp Q9BZJ	1	4	4	4	5.7	100.45	0	133530000	109590000	168230000	0	128680000
sp Q9BZK TBL1XR1	sp Q9BZK	1	10	10	4	33	55.594	601920000	693860000	483630000	430530000	545400000	489640000
sp Q9BZL UBL5	sp Q9BZL	1	1	1	1	15	8.5468	0	0	0	0	20720000	0
sp Q9BZV UBXN6	sp Q9BZV	1	4	4	4	18	49.753	66927000	113140000	77947000	100580000	152110000	73598000
sp Q9BZX UCK2	sp Q9BZX	1	3	3	3	17	29.299	0	187300000	239290000	307310000	302560000	286160000
sp Q9BZZ API5	sp Q9BZZ	1	8	8	8	17	59.004	1367900000	1349600000	896800000	1134000000	1295800000	1127000000
sp Q9C00 DPY30	sp Q9C00	1	2	2	2	38	11.25	215020000	249820000	0	162620000	233670000	186110000
sp Q9C0B FTO	sp Q9C0B	1	7	7	7	20	58.281	159480000	166650000	217430000	114800000	98828000	139630000
sp Q9C0B ZDHC5	sp Q9C0B	1	1	1	1	2.2	77.544	0	0	0	0	0	43864000
sp Q9C0B TANGO6	sp Q9C0B	1	1	1	1	1.6	120.75	0	0	0	11575000	0	0
sp Q9C0C TNKS1BP	sp Q9C0C	1	28	28	28	28	181.79	1052900000	1093400000	970610000	1123800000	1115200000	957140000
sp Q9C0C UBE2O	sp Q9C0C	1	7	7	7	9.1	141.29	202950000	333450000	245520000	184480000	232490000	218680000
sp Q9C0D SELENOI	sp Q9C0D	1	1	1	1	4	45.228	0	0	0	0	0	137030000
sp Q9C0E XPO4	sp Q9C0E	1	3	3	3	4.1	130.14	129080000	101800000	106390000	100230000	0	76398000
sp Q9C0E LNPK	sp Q9C0E	1	3	3	3	7.9	47.739	117590000	99308000	75839000	0	0	0
sp Q9C0I MTMR12	sp Q9C0I	1	4	4	4	7.9	86.147	0	0	0	70059000	0	0
sp Q9C0J WDR33	sp Q9C0J	1	4	4	4	6.6	145.89	83521000	77858000	74551000	79535000	90640000	69532000
sp Q9GZL WDR12	sp Q9GZL	1	13	13	13	42	47.707	1758400000	1829200000	1755900000	1809400000	1782800000	1663900000
sp Q9GZN YIPF3	sp Q9GZN	1	1	1	1	2.6	38.247	0	0	0	0	0	54964000
sp Q9NXF NDE1	sp Q9NXF	2	1	1	1	3.3	37.72	0	0	0	0	0	0
sp Q9GZN C20orf27	sp Q9GZN	1	2	2	2	19	19.291	0	0	138240000	137700000	0	125800000
sp Q9GZF PITHD1	sp Q9GZF	1	6	6	6	41	24.178	273430000	108690000	109960000	287130000	293210000	183670000
sp Q9GZF IMUP	sp Q9GZF	1	1	1	1	26	10.897	0	397760000	396420000	0	0	0
sp Q9GZF DERL2	sp Q9GZF	2	4	4	4	21	27.567	114810000	128120000	0	87845000	146770000	89829000
sp Q9GZF REXO4	sp Q9GZF	1	4	4	4	13	46.671	186060000	176860000	155600000	310110000	213930000	239090000
sp Q9GZF DDX24	sp Q9GZF	1	11	11	11	19	96.331	459610000	294430000	388100000	473340000	413200000	345890000
sp Q9GZS POLR1E	sp Q9GZS	1	2	2	2	7.3	53.961	223380000	146290000	207040000	204300000	217230000	204580000
sp Q9GZS WDR61	sp Q9GZS	1	10	10	10	44	33.58	1323700000	1079800000	1035200000	1137700000	1327000000	1197900000
sp Q9GZT SLIRP	sp Q9GZT	1	3	3	3	30	12.349	763390000	901200000	676230000	751380000	729040000	765510000
sp Q9GZT NIF3L1	sp Q9GZT	1	8	8	8	29	41.968	544800000	426160000	551840000	535210000	271570000	349670000
sp Q9GZL FAM192A	sp Q9GZL	1	3	3	3	16	28.912	0	172960000	0	0	0	0
sp Q9GZY MFF	sp Q9GZY	1	8	8	8	30	38.464	687530000	718320000	440800000	700720000	462240000	642050000
sp Q9GZZ NAA50	sp Q9GZZ	1	10	10	10	56	19.398	1644100000	1592000000	1152800000	1392700000	1482700000	1248600000

sp Q9GZZ UBA5	sp Q9GZZ	1	4	4	4	17	44.863	0	247850000	132420000	215980000	178950000	0
sp Q9H01 MTFR1L	sp Q9H01	1	2	2	2	13	31.957	0	0	0	0	0	31861000
sp Q9H06 TMEM126	sp Q9H06	1	2	2	2	21	21.527	0	67143000	0	88372000	120770000	93958000
sp Q9H06 MAF1	sp Q9H06	1	1	1	1	5.1	28.77	0	0	0	20371000	0	0
sp Q9H07 PAIP1	sp Q9H07	1	12	12	12	32	53.524	1846200000	1736400000	1383900000	1508200000	1866900000	1419100000
sp Q9H07 CLPB	sp Q9H07	1	9	9	9	18	78.728	288680000	386720000	289350000	222670000	247080000	344840000
sp Q9H08 LSG1	sp Q9H08	1	7	7	7	16	75.225	97505000	161260000	96732000	0	114840000	150160000
sp Q9H09 FAM107B	sp Q9H09	1	3	3	3	33	15.558	390150000	421000000	341920000	326330000	396760000	305340000
sp Q9H0A NAT10	sp Q9H0A	1	24	24	24	31	115.73	2288300000	2441600000	2151300000	2779900000	2180100000	2050600000
sp Q9H0A COMMD4	sp Q9H0A	1	3	3	3	26	21.764	114190000	137290000	142160000	117070000	0	113420000
sp Q9H0B KLC2	sp Q9H0B	1	9	7	7	18	68.934	290010000	396730000	324260000	362040000	383690000	370270000
sp Q9H0C ILKAP	sp Q9H0C	1	8	8	8	23	42.906	225920000	178170000	271060000	232550000	279850000	374590000
sp Q9H0D XRN2	sp Q9H0D	1	12	12	12	18	108.58	583660000	731660000	667920000	611340000	519810000	606380000
sp Q9H0E TOLLIP	sp Q9H0E	1	1	1	1	5.1	30.281	0	0	0	0	19913000	0
sp Q9H0E SAP130	sp Q9H0E	1	1	1	1	1.1	110.32	0	0	0	0	11547000	0
sp Q9H0F ARL6	sp Q9H0F	1	1	1	1	10	21.097	0	0	0	0	0	0
sp Q9H0G NSRP1	sp Q9H0G	1	1	1	1	2.5	66.389	0	0	0	0	0	35848000
sp Q9H0H RACGAP	sp Q9H0H	1	8	8	8	22	71.026	273240000	382120000	275890000	228700000	187380000	213410000
sp Q9H0J PARP12	sp Q9H0J	1	2	2	2	6.3	79.063	0	0	31001000	39229000	0	0
sp Q9H0L CSTF2T	sp Q9H0L	1	8	3	3	21	64.436	110790000	0	0	100990000	84368000	98017000
sp Q9H0P NT5C3A	sp Q9H0P	1	6	6	6	21	37.948	254430000	264780000	230840000	278170000	314580000	248140000
sp Q9H0R TMEM222	sp Q9H0R	1	2	2	2	21	23.23	70541000	79265000	0	66923000	79543000	60871000
sp Q9H0S DDX47	sp Q9H0S	1	11	11	11	35	50.646	989920000	1009800000	934980000	643460000	1063500000	1018500000
sp Q9H0U MAGT1	sp Q9H0U	1	9	9	9	24	38.036	739150000	1087900000	910670000	675040000	988230000	763380000
sp Q9H0U RAB1B	sp Q9H0U	2	10	9	5	69	22.171	2780500000	3131300000	2655800000	3140200000	3867100000	2662800000
sp Q9H0U MRPL18	sp Q9H0U	1	3	3	3	18	20.576	0	0	0	202150000	0	0
sp Q9H0U TSPYL1	sp Q9H0U	1	1	1	1	4.6	49.192	0	0	0	0	0	37207000
sp Q9H0V C11orf54	sp Q9H0V	1	3	3	3	17	35.117	0	0	0	0	121200000	0
sp Q9H17 SIL1	sp Q9H17	1	1	1	1	2.6	52.084	0	0	0	0	0	11185000
sp Q9H1A ANAPC1	sp Q9H1A	1	3	3	3	1.9	216.5	0	0	0	0	0	43244000
sp Q9H1B IRF2BPL	sp Q9H1B	1	7	4	4	11	82.658	152600000	231010000	0	156270000	141780000	0
sp Q9H1C CYSTM1	sp Q9H1C	1	1	1	1	10	10.631	0	0	0	0	0	65510000
sp Q9H1E NUCKS1	sp Q9H1E	1	5	5	5	28	27.296	1010500000	1072000000	1281100000	972700000	1028500000	1014900000
sp Q9H1I ASCC2	sp Q9H1I	1	5	5	5	12	86.359	142340000	117290000	320210000	156010000	112390000	141370000
sp Q9H1K ISCU	sp Q9H1K	1	2	2	2	22	17.999	0	0	0	0	0	96112000
sp Q9H1Y ATG5	sp Q9H1Y	1	1	1	1	5.5	32.447	0	0	0	0	0	49660000
sp Q9H22 EHD4	sp Q9H22	1	12	11	10	31	61.174	674840000	531690000	460300000	582960000	599250000	502000000
sp Q9H26 VPS33B	sp Q9H26	1	3	3	3	8.1	70.584	60523000	0	91810000	0	0	0
sp Q9H29 SH3BGR	sp Q9H29	1	4	4	4	67	10.438	2057000000	2978100000	2126400000	1414600000	2849300000	1732100000

sp Q9H2G SLK	sp Q9H2G	1	13	13	13	15	142.69	450500000	518840000	220880000	297360000	354030000	436000000
sp Q9H2H PPIL3	sp Q9H2H	1	5	5	5	40	18.154	377200000	367720000	295870000	360600000	547010000	478840000
sp Q9H2J PDCL3	sp Q9H2J	1	4	4	4	26	27.614	142300000	113620000	132880000	121550000	114200000	132050000
sp Q9H2M RAB3GAF	sp Q9H2M	1	12	12	12	12	155.98	349300000	576150000	279720000	514000000	382240000	482890000
sp Q9H2P ADNP	sp Q9H2P	1	9	9	9	13	123.56	598150000	602790000	600200000	632680000	485220000	580480000
sp Q9H2U DHX36	sp Q9H2U	1	13	13	13	20	114.76	661010000	636880000	639800000	501820000	441360000	519220000
sp Q9H2U PPA2	sp Q9H2U	1	11	11	11	41	37.92	1346400000	1555100000	1392600000	1327900000	1622100000	1635400000
sp Q9H2V SPNS1	sp Q9H2V	1	2	2	2	5.9	56.629	0	0	0	0	0	26313000
sp Q9H2V MRPL46	sp Q9H2V	1	5	5	5	24	31.705	344470000	338780000	354540000	266470000	396270000	387460000
sp Q9H30 PNN	sp Q9H30	1	11	11	11	19	81.627	1550600000	1252000000	1419600000	1157700000	1621000000	1448100000
sp Q9H33 TMEM245	sp Q9H33	1	3	3	3	4.7	97.356	76556000	367140000	110220000	115030000	0	0
sp Q9H3K GHITM	sp Q9H3K	1	3	3	3	6.7	37.205	383060000	290450000	245840000	0	0	309890000
sp Q9H3K BOLA2	sp Q9H3K	1	6	6	6	80	10.116	2241000000	2237600000	2136600000	2125200000	2139400000	2245800000
sp Q9H3N TMX1	sp Q9H3N	1	7	7	7	24	31.791	696460000	737910000	715000000	881280000	738840000	722780000
sp Q9H3P NELFA	sp Q9H3P	1	8	8	8	28	57.276	181410000	467080000	0	201560000	278370000	266900000
sp Q9H3P ACBD3	sp Q9H3P	1	10	10	10	28	60.593	725040000	848830000	527780000	779310000	930320000	705640000
sp Q9H3Q CDC42EP	sp Q9H3Q	1	5	5	5	27	37.979	165970000	142310000	0	0	123320000	115410000
sp Q9H3R CENPH	sp Q9H3R	1	2	2	2	12	28.481	0	64141000	0	0	0	0
sp Q9H3S PTPN23	sp Q9H3S	1	10	10	10	10	178.97	305070000	328170000	224590000	299350000	292930000	305300000
sp Q9H3U UNC45A	sp Q9H3U	1	20	20	20	28	103.08	1403200000	1396100000	1218800000	1355600000	1316200000	1241400000
sp Q9H3Y PPDPF	sp Q9H3Y	1	1	1	1	15	11.777	0	0	0	0	18689000	0
sp Q9H3Z DNAJC5	sp Q9H3Z	1	2	2	2	20	22.149	0	0	44469000	0	0	0
sp Q9H41 DSN1	sp Q9H41	1	2	2	2	8.7	40.067	31205000	104890000	0	54080000	0	0
sp Q9H44 CHMP4B	sp Q9H44	2	9	9	8	46	24.95	1644800000	1578100000	1428900000	1496700000	1846700000	1564200000
sp Q9H44 RWDD1	sp Q9H44	1	3	3	3	18	27.939	72149000	70472000	64145000	67389000	0	65166000
sp Q9H48 POFUT1	sp Q9H48	1	8	8	8	34	43.955	836550000	841930000	687800000	886250000	730810000	934050000
sp Q9H49 PIGU	sp Q9H49	1	2	2	2	6.4	50.051	91789000	114290000	100400000	124900000	0	0
sp Q9H4A WNK1	sp Q9H4A	4	14	14	14	9.2	250.79	478310000	508050000	458970000	532510000	631380000	469930000
sp Q9H4A RNPEP	sp Q9H4A	1	16	16	16	32	72.595	1916900000	2236700000	1896400000	1910300000	1972900000	1815100000
sp Q9H4A GOLPH3	sp Q9H4A	1	7	7	7	35	33.81	811710000	756120000	688540000	696880000	941470000	819280000
sp Q9H4G EPB41L1	sp Q9H4G	1	8	8	7	15	98.502	472890000	551960000	488610000	428790000	392850000	449580000
sp Q9H4G GLIPR2	sp Q9H4G	1	2	2	2	20	17.218	119940000	170290000	0	111500000	150000000	133450000
sp Q9H4H FAM83D	sp Q9H4H	1	4	3	3	10	64.424	51031000	0	46702000	57847000	81154000	0
sp Q9H4I TRABD	sp Q9H4I	1	1	1	1	5.9	42.321	0	0	0	0	0	29282000
sp Q9H4L SENP3	sp Q9H4L	1	5	5	5	14	65.009	374330000	532780000	0	548140000	174260000	0
sp Q9H4L OSBPL3	sp Q9H4L	1	1	1	1	1.5	101.22	0	0	0	0	0	0
sp Q9H4M EHD1	sp Q9H4M	1	20	20	17	50	60.626	2128200000	2475200000	2145700000	2152300000	2260100000	2365500000
sp Q9H4Z PCIF1	sp Q9H4Z	1	1	1	1	2.3	80.669	0	0	0	0	0	39896000
sp Q9H55 ALG2	sp Q9H55	1	2	2	2	7.7	47.091	0	0	0	0	67543000	0

sp Q9H58	HEATR1	sp Q9H58	1	22	22	22	13	242.37	140200000	117550000	151710000	133110000	102490000	100260000
sp Q9H5C	TFB2M	sp Q9H5C	1	2	2	2	6.8	45.348	0	111940000	0	0	94739000	145880000
sp Q9H5V	CDCP1	sp Q9H5V	1	3	3	3	3.2	92.931	53939000	56061000	64634000	62548000	65879000	79217000
sp Q9H5V	CXorf56	sp Q9H5V	1	1	1	1	5.9	25.624	0	0	0	0	0	23207000
sp Q9H6E	TUT1	sp Q9H6E	1	2	2	2	4.9	93.846	0	61333000	0	0	0	60618000
sp Q9H6F	CCDC86	sp Q9H6F	1	6	6	6	26	40.235	448730000	347570000	373690000	0	0	408410000
sp Q9H6R	NOL6	sp Q9H6R	1	17	17	17	21	127.59	576040000	707360000	723950000	642180000	888050000	699210000
sp Q9H6S	YTHDC2	sp Q9H6S	1	11	11	11	13	160.25	167120000	255820000	220320000	249940000	239780000	168070000
sp Q9H6S	EPS8L2	sp Q9H6S	1	2	2	2	4.3	80.62	161020000	123570000	168090000	121750000	148120000	114450000
sp Q9H6T	RPAP3	sp Q9H6T	1	7	7	7	16	75.718	343100000	462120000	401140000	376250000	319830000	301440000
sp Q9H6V	LDAH	sp Q9H6V	1	2	2	2	7.4	37.318	0	0	69872000	0	0	0
sp Q9H6Y	WDR55	sp Q9H6Y	1	4	4	4	17	42.07	178580000	215250000	0	0	221610000	213770000
sp Q9H6Z	RANBP3	sp Q9H6Z	1	5	5	5	12	60.209	548360000	408850000	408690000	398860000	268380000	470870000
sp Q9H77	DCTPP1	sp Q9H77	1	9	9	9	58	18.681	1397600000	1529200000	1394700000	1296200000	1755000000	1495600000
sp Q9H78	SH2D4A	sp Q9H78	1	8	8	8	23	52.726	413410000	129770000	0	158660000	0	239430000
sp Q9H7B	RPF2	sp Q9H7B	1	5	5	5	21	35.582	375850000	461200000	392120000	458500000	427160000	334770000
sp Q9H7B	SMYD3	sp Q9H7B	1	3	3	3	9.8	49.097	0	59094000	46547000	65898000	35046000	0
sp Q9H7D	DOCK5	sp Q9H7D	1	3	3	3	1.9	215.31	0	93001000	92680000	0	0	0
sp Q9H7D	WDR26	sp Q9H7D	1	1	1	1	3	72.123	0	0	0	0	30784000	0
sp Q9H7E	C8orf33	sp Q9H7E	1	4	4	4	31	24.992	698430000	478890000	540850000	779620000	557260000	554430000
sp Q9H7N	SCAF1	sp Q9H7N	1	2	2	2	2	139.27	0	0	0	0	29117000	0
sp Q9H7Z	PTGES2	sp Q9H7Z	1	5	5	5	18	41.943	570540000	583210000	476900000	439740000	471080000	379340000
sp Q9H81	PHAX	sp Q9H81	1	4	4	4	13	44.402	78115000	81547000	93989000	0	0	0
sp Q9H83	UBE2Z	sp Q9H83	1	8	8	8	23	38.21	592980000	501310000	617160000	497620000	363550000	442070000
sp Q9H84	GEMIN7	sp Q9H84	1	1	1	1	9.9	14.536	0	0	0	0	0	28538000
sp Q9H84	ACAD9	sp Q9H84	1	11	11	11	24	68.76	823440000	1112000000	1114300000	1143100000	1134600000	1208600000
sp Q9H85	NT5DC2	sp Q9H85	1	2	2	2	3.7	60.718	37433000	0	0	42919000	0	0
sp Q9H87	RMND5A	sp Q9H87	1	1	1	1	3.3	43.992	0	0	24300000	0	0	0
sp Q9H8H	NOL11	sp Q9H8H	1	8	8	8	18	81.123	307230000	328120000	324010000	284730000	322530000	292460000
sp Q9H8H	DDX31	sp Q9H8H	1	4	4	4	6.2	94.086	136280000	110400000	92788000	0	0	0
sp Q9H8H	METTL7A	sp Q9H8H	1	2	2	2	11	28.319	0	0	0	0	0	65148000
sp Q9H8M	MINDY3	sp Q9H8M	1	1	1	1	3.4	49.724	0	0	0	0	19322000	0
sp Q9H8S	MOB1A	sp Q9H8S	2	6	6	6	29	25.079	422390000	614230000	437320000	368920000	503500000	385890000
sp Q9H8Y	ANKZF1	sp Q9H8Y	1	4	4	4	8.4	80.926	66558000	0	0	93470000	104090000	0
sp Q9H8Y	GORASP2	sp Q9H8Y	1	3	3	3	8	47.145	453800000	419970000	382010000	361030000	503930000	566900000
sp Q9H91	JPT2	sp Q9H91	1	8	8	8	62	20.063	1233300000	1294600000	1398000000	1395600000	1489000000	1086900000
sp Q9H93	SP140L	sp Q9H93	1	2	1	1	3.3	67.005	0	0	0	113150000	0	0
sp Q9H93	SLC25A2	sp Q9H93	2	4	4	4	14	34.47	239140000	0	0	250450000	272750000	368020000
sp Q9H94	MED20	sp Q9H94	1	2	2	2	12	23.222	0	0	0	0	0	96260000

sp Q9H97 QTRT2	sp Q9H97	1	2	2	2	8.2	46.712	0	0	0	0	0	15721000
sp Q9H99 ARMT1	sp Q9H99	1	3	3	3	13	51.172	340280000	420350000	320050000	432770000	306050000	568790000
sp Q9H9A CNOT10	sp Q9H9A	1	3	3	3	6	82.309	172790000	0	0	0	0	73574000
sp Q9H9A LRRC40	sp Q9H9A	1	16	16	16	38	68.249	754780000	840890000	751370000	713540000	660050000	672970000
sp Q9H9B SFXN1	sp Q9H9B	1	12	12	11	56	35.619	2477800000	2768700000	2229100000	3024700000	3240200000	3153000000
sp Q9H9C VIPAS39	sp Q9H9C	1	1	1	1	4.3	57.005	0	0	0	0	0	11150000
sp Q9H9F ACTR5	sp Q9H9F	1	2	2	2	4.8	68.297	0	0	0	0	0	54586000
sp Q9H9H VPS37B	sp Q9H9H	1	4	4	4	25	31.307	129390000	129950000	0	140750000	117470000	108970000
sp Q9H9J MRPL44	sp Q9H9J	1	8	8	8	39	37.535	450500000	389330000	376000000	421620000	368260000	370640000
sp Q9H9F L2HGDH	sp Q9H9F	1	3	3	3	8.4	50.315	79207000	0	72136000	55597000	83471000	0
sp Q9H9C COPS7B	sp Q9H9C	1	3	3	3	16	29.622	147410000	145220000	138280000	164220000	166130000	0
sp Q9H9T ELP3	sp Q9H9T	1	4	4	4	12	62.258	117170000	135380000	127010000	125930000	98329000	107720000
sp Q9H9Y POLR1B	sp Q9H9Y	1	3	3	3	3.1	128.23	71792000	75405000	65215000	65387000	64620000	0
sp Q9HA7 CARS2	sp Q9HA7	1	2	2	2	5.1	62.223	0	0	0	0	0	311350000
sp Q9HAE PPCS	sp Q9HAE	1	2	2	2	6.8	34.005	145130000	0	104240000	110190000	0	0
sp Q9HAI WDR41	sp Q9HAI	1	1	1	1	4.8	51.727	47726000	0	44431000	37572000	39303000	0
sp Q9HAK EBF2	sp Q9HAK	1	1	1	1	1.9	62.649	0	0	0	0	0	748090000
sp Q9HAU PLEKHA5	sp Q9HAU	1	3	3	3	3.6	127.46	0	0	0	0	0	46051000
sp Q9HAU UPF2	sp Q9HAU	1	3	3	3	3.2	147.81	0	75386000	0	73080000	73462000	0
sp Q9HAV GNB4	sp Q9HAV	2	8	3	3	34	37.567	0	0	216560000	245290000	0	0
sp Q9HAV XPO5	sp Q9HAV	1	15	15	15	15	136.31	709460000	679500000	615380000	706580000	762840000	778050000
sp Q9HAV GRPEL1	sp Q9HAV	1	7	7	7	38	24.279	1064800000	1455200000	1059700000	1200100000	1676000000	1750300000
sp Q9HB0 C12orf10	sp Q9HB0	1	11	11	11	40	42.449	1506600000	1622800000	1564300000	1578800000	1523600000	1327600000
sp Q9HB1 PLEKHA2	sp Q9HB1	1	6	6	6	21	47.254	168280000	209720000	146210000	169150000	185230000	231580000
sp Q9HB4 SCPEP1	sp Q9HB4	1	2	2	2	7.1	50.83	0	0	0	74864000	0	0
sp Q9HB7 CACYPB	sp Q9HB7	1	14	14	14	68	26.21	8399300000	8202800000	8555400000	8243900000	9057200000	8661400000
sp Q9HBH RDH14	sp Q9HBH	1	2	2	2	8.6	36.864	0	0	76289000	0	0	0
sp Q9HBI PARVB	sp Q9HBI	1	3	2	2	11	41.714	0	0	0	176810000	0	0
sp Q9HBL PLGRKT	sp Q9HBL	1	2	2	2	16	17.201	55779000	0	0	71067000	101570000	0
sp Q9HBN SPC25	sp Q9HBN	1	2	2	2	10	26.152	109530000	116850000	104270000	86739000	88680000	89274000
sp Q9HC0 TMEM165	sp Q9HC0	1	4	4	4	23	34.905	634030000	768470000	542270000	599870000	782810000	834590000
sp Q9HC2 SLC25A1	sp Q9HC2	1	2	2	2	6.2	35.511	52879000	48104000	36993000	62730000	58949000	52238000
sp Q9HC3 EML4	sp Q9HC3	1	9	9	9	12	108.91	326240000	309930000	327820000	326870000	285930000	380160000
sp Q9HC3 MRM3	sp Q9HC3	1	4	4	4	13	47.019	0	142020000	88012000	91004000	96683000	113580000
sp Q9HC3 GLOD4	sp Q9HC3	1	12	12	12	42	34.793	971880000	1371100000	1137100000	931120000	1157200000	949890000
sp Q9HC5 CBX8	sp Q9HC5	2	3	3	3	8.2	43.395	0	61422000	0	0	0	0
sp Q9HC0 MCCC2	sp Q9HC0	1	9	9	9	22	61.332	437350000	434120000	474340000	516440000	517610000	453560000
sp Q9HCL NCOA5	sp Q9HCL	1	7	7	7	17	65.536	232860000	324660000	210260000	202410000	270500000	237180000
sp Q9HCE MOV10	sp Q9HCE	1	9	9	9	12	113.67	263840000	252800000	235380000	232760000	237540000	333180000

sp Q9HCN GPN1	sp Q9HCN	1	4	4	4	18	41.74	0	0	0	0	0	1010200000
sp Q9HCN SDF2L1	sp Q9HCN	1	4	4	4	34	23.598	359850000	300340000	248380000	343040000	455260000	507980000
sp Q9HCS XAB2	sp Q9HCS	1	8	8	8	11	100.01	253700000	299110000	215680000	283310000	0	268220000
sp Q9HCU PREB	sp Q9HCU	1	3	3	3	15	45.468	123100000	0	0	0	87951000	141590000
sp Q9HD1 SRA1	sp Q9HD1	1	4	4	4	24	25.673	191460000	245480000	281440000	159180000	198810000	178630000
sp Q9HD2 ATP13A1	sp Q9HD2	1	8	8	8	9.1	132.95	265800000	249460000	162800000	269960000	214360000	286960000
sp Q9HD2 GOPC	sp Q9HD2	1	6	6	6	17	50.519	243940000	205720000	0	247700000	261900000	190430000
sp Q9HD4 CHMP1A	sp Q9HD4	1	2	2	2	8.7	21.703	0	68269000	77530000	61619000	0	0
sp Q9HD4 TM9SF3	sp Q9HD4	1	5	5	5	10	67.887	636890000	624500000	733320000	878810000	833930000	806700000
sp Q9HD6 MYO10	sp Q9HD6	1	4	4	4	3.2	237.34	206510000	161780000	178350000	147070000	154140000	159640000
sp Q9HDC APMAP	sp Q9HDC	1	11	11	11	34	46.48	1509200000	1600800000	1564900000	1675800000	1343600000	1503500000
sp Q9NNV WDR6	sp Q9NNV	1	4	4	4	7.4	121.72	107280000	101980000	120350000	121400000	94216000	108140000
sp Q9NNV TXNRD2	sp Q9NNV	1	3	2	2	9.7	56.506	0	0	0	0	77248000	0
sp Q9NP5 ABCB6	sp Q9NP5	1	10	10	10	21	93.884	357550000	398980000	362010000	438620000	407780000	384100000
sp Q9NP6 ARFGAP3	sp Q9NP6	1	2	2	2	4.8	56.928	0	0	0	0	63104000	0
sp Q9NP6 HMG20A	sp Q9NP6	1	2	2	2	12	40.143	0	21307000	0	0	0	0
sp Q9NP7 RAB18	sp Q9NP7	1	8	8	8	52	22.977	1737300000	1214900000	1306400000	1520100000	1747200000	1440300000
sp Q9NP7 ALG13	sp Q9NP7	1	1	1	1	1.7	126.05	0	0	0	0	0	0
sp Q9NP7 PALMD	sp Q9NP7	1	4	4	4	14	62.757	152550000	193710000	157970000	140590000	167360000	149160000
sp Q9NP7 SSU72	sp Q9NP7	1	4	4	4	24	22.574	232550000	250520000	263220000	225820000	280720000	233560000
sp Q9NP7 VTA1	sp Q9NP7	1	7	7	7	31	33.879	1037300000	1127100000	1212500000	772530000	1178400000	987920000
sp Q9NP8 SARS2	sp Q9NP8	1	6	6	6	19	58.282	257690000	186280000	237480000	295420000	364160000	265970000
sp Q9NP9 MRPS30	sp Q9NP9	1	6	6	6	25	50.364	582950000	266500000	624860000	438010000	358410000	337880000
sp Q9NP9 DYNLRB1	sp Q9NP9	2	3	3	3	26	10.921	0	0	0	688600000	575150000	0
sp Q9NPA EMC7	sp Q9NPA	1	6	6	6	48	26.47	209110000	265060000	328300000	349880000	202760000	176220000
sp Q9NPA ENY2	sp Q9NPA	1	2	2	2	24	11.528	204820000	283460000	306280000	151660000	225350000	205850000
sp Q9NPD EXOSC4	sp Q9NPD	1	6	6	6	29	26.383	324770000	196990000	0	419700000	559650000	334270000
sp Q9NPD UBE2T	sp Q9NPD	1	5	5	5	37	22.521	366190000	409600000	412380000	209610000	285220000	289290000
sp Q9NPE NOP10	sp Q9NPE	1	2	2	2	38	7.7059	288180000	243020000	199150000	190690000	0	224200000
sp Q9NPF OSGEP	sp Q9NPF	1	4	4	4	19	36.426	291000000	0	365810000	316760000	289280000	340180000
sp Q9NPF DMAP1	sp Q9NPF	1	2	2	2	6.4	52.992	0	25743000	0	0	0	0
sp Q9NPI BRD7	sp Q9NPI	1	1	1	1	3.4	74.138	0	0	0	54957000	0	0
sp Q9NPI DCP1A	sp Q9NPI	1	1	1	1	4.1	63.309	0	0	0	0	51935000	0
sp Q9NPJ ACOT13	sp Q9NPJ	1	2	2	2	16	14.96	454600000	499730000	498170000	493590000	582670000	539360000
sp Q9NPC RIC8A	sp Q9NPC	1	4	4	4	12	59.709	0	0	124540000	85620000	128060000	0
sp Q9NQ2 LUC7L	sp Q9NQ2	1	10	5	5	28	43.727	153330000	208920000	219920000	215000000	231840000	193680000
sp Q9NQ4 LZTFL1	sp Q9NQ4	1	1	1	1	4.3	34.592	0	0	0	0	0	35588000
sp Q9NQ5 MRPL40	sp Q9NQ5	1	2	2	2	17	24.49	264080000	277300000	336690000	289830000	316560000	255460000
sp Q9NQ5 PPAN	sp Q9NQ5	1	6	6	6	20	53.193	243040000	207270000	165600000	194740000	206720000	155080000

sp Q9NQ8	TIGAR	sp Q9NQ8	1	5	5	5	26	30.062	312840000	360980000	196180000	321260000	361750000	259530000
sp Q9NQ9	COPRS	sp Q9NQ9	1	2	2	2	19	20.066	0	0	0	0	24275000	0
sp Q9NQ0	RTN4	sp Q9NQ0	1	11	11	11	18	129.93	6506000000	7046400000	5409300000	7613700000	7142100000	6147500000
sp Q9NQ0	RPRD1B	sp Q9NQ0	1	6	5	5	32	36.899	185970000	195630000	171250000	240970000	189940000	392220000
sp Q9NQF	PFDN4	sp Q9NQF	1	2	2	2	20	15.314	318080000	0	0	0	0	0
sp Q9NQF	NIT2	sp Q9NQF	1	9	9	9	47	30.608	761720000	988050000	952320000	819410000	749290000	859800000
sp Q9NQ9	INCENP	sp Q9NQ9	1	2	2	2	3.3	105.43	82440000	65811000	0	0	0	0
sp Q9NQ7	EXOSC5	sp Q9NQ7	1	4	4	4	41	25.249	300670000	263900000	321220000	371010000	454490000	0
sp Q9NQ7	EXOSC3	sp Q9NQ7	1	7	7	7	46	29.572	575880000	455520000	462790000	341060000	384890000	510520000
sp Q9NQV	ANLN	sp Q9NQV	1	15	15	15	20	124.2	344270000	504710000	483950000	456320000	454320000	458080000
sp Q9NQV	XPNPEP1	sp Q9NQV	1	8	8	8	25	69.917	376760000	469780000	404080000	400230000	461090000	491860000
sp Q9NQX	GPHN	sp Q9NQX	1	3	3	3	6.9	79.748	93592000	134220000	0	0	100530000	0
sp Q9NQ2	UTP3	sp Q9NQ2	1	6	6	6	19	54.557	0	136150000	0	227330000	167540000	161920000
sp Q9NR0	BIRC6	sp Q9NR0	1	2	2	2	0.7	530.25	0	0	0	0	42623000	0
sp Q9NR1	PDLIM7	sp Q9NR1	1	17	17	17	48	49.844	3742100000	3247800000	2954400000	3207900000	3639300000	3331900000
sp Q9NR2	DIABLO	sp Q9NR2	1	3	3	3	12	27.131	308550000	340560000	449600000	333480000	269190000	311910000
sp Q9NR3	DDX21	sp Q9NR3	1	34	34	32	48	87.343	1.0338E+10	8784900000	8939300000	10901000000	10632000000	1.2393E+10
sp Q9NR3	SAR1A	sp Q9NR3	1	9	9	6	55	22.367	1418900000	1644000000	1477400000	1876900000	2157700000	1728800000
sp Q9NR4	NANS	sp Q9NR4	1	9	9	9	35	40.307	1189800000	1228500000	1410500000	1268900000	1403600000	1301100000
sp Q9NR4	SH3GLB2	sp Q9NR4	1	9	9	9	32	43.973	341310000	320900000	267830000	313590000	136820000	243010000
sp Q9NR5	EIF2B3	sp Q9NR5	1	7	7	7	25	50.24	391490000	276460000	484510000	384340000	396940000	300510000
sp Q9NR5	MBNL1	sp Q9NR5	1	4	4	2	14	41.817	797430000	668390000	896610000	515550000	843580000	789250000
sp Q9NRF	CTPS2	sp Q9NRF	1	5	4	4	11	65.677	158340000	153720000	0	167180000	0	0
sp Q9NRF	POLE3	sp Q9NRF	1	3	3	3	24	16.859	340510000	454410000	553930000	555190000	418180000	301500000
sp Q9NR0	CHRA1	sp Q9NR0	1	3	3	3	25	14.71	154800000	113420000	140450000	172100000	219320000	0
sp Q9NR0	SDR39U1	sp Q9NR0	1	1	1	1	9.4	34.747	0	0	0	0	0	16186000
sp Q9NR0	AAAS	sp Q9NR0	1	7	7	7	19	59.573	292510000	354410000	328180000	382420000	410290000	448340000
sp Q9NRL	BAZ1A	sp Q9NRL	1	5	5	5	5.7	178.7	128010000	80930000	97850000	107460000	84133000	128590000
sp Q9NRL	STRN4	sp Q9NRL	1	3	3	3	9	80.595	0	0	132620000	0	0	0
sp Q9NRN	AASDHPF	sp Q9NRN	1	5	5	5	21	35.776	113400000	116540000	106440000	166490000	161990000	125920000
sp Q9NRF	OSTC	sp Q9NRF	1	1	1	1	8.1	16.829	0	0	0	0	0	310270000
sp Q9NRF	UBQLN4	sp Q9NRF	1	10	7	7	26	63.852	547590000	362530000	430460000	573470000	416410000	195880000
sp Q9NRV	HEBP1	sp Q9NRV	1	4	4	4	24	21.097	400010000	499910000	396260000	488100000	447170000	303680000
sp Q9NRV	VPS45	sp Q9NRV	1	4	4	4	11	65.076	0	116610000	180770000	0	0	102660000
sp Q9NRX	PNO1	sp Q9NRX	1	4	4	4	20	27.924	0	0	0	0	71735000	0
sp Q9NRX	MRPL17	sp Q9NRX	1	5	5	5	31	20.05	204640000	264660000	200050000	198530000	282840000	161250000
sp Q9NRX	PHPT1	sp Q9NRX	1	4	4	4	51	13.832	1077900000	1234800000	836070000	1172300000	1432000000	1066500000
sp Q9NRY	FAM114A	sp Q9NRY	1	3	3	3	11	55.468	62239000	56656000	55195000	92390000	74291000	74377000
sp Q9NRY	PLSCR3	sp Q9NRY	1	1	1	1	6.8	31.648	0	0	0	0	0	11430000

sp Q9NRZ	HELLS	sp Q9NRZ	1	10	10	10	14	97.073	333830000	335590000	520930000	167210000	228080000	433260000
sp Q9NS6	TOMM22	sp Q9NS6	1	6	6	6	49	15.521	1500700000	1157900000	1133500000	1220300000	1487500000	1371100000
sp Q9NS8	LANCL2	sp Q9NS8	1	5	5	5	16	50.854	192970000	197970000	198490000	290170000	222870000	132940000
sp Q9NS8	KIF15	sp Q9NS8	1	6	6	6	4.9	160.16	0	116480000	0	0	78519000	0
sp Q9NS9	RAD18	sp Q9NS9	1	1	1	1	3.2	56.222	0	0	0	0	0	33924000
sp Q9NSD	FARSB	sp Q9NSD	1	19	19	19	37	66.115	2501400000	2890200000	2712900000	2501600000	2482200000	2784500000
sp Q9NSE	IARS2	sp Q9NSE	1	19	19	19	27	113.79	1096800000	860510000	1082800000	1247300000	1223600000	1014300000
sp Q9NSI	FAM207A	sp Q9NSI	1	3	3	3	22	25.456	69271000	67964000	67083000	57046000	72244000	75080000
sp Q9NSK	KLC4	sp Q9NSK	1	7	2	2	13	68.639	68327000	91856000	97442000	0	0	0
sp Q9NSF	CENPM	sp Q9NSF	1	1	1	1	6.1	19.737	0	0	0	0	0	0
sp Q9NSV	DIAPH3	sp Q9NSV	1	5	5	5	6.1	136.92	151680000	197680000	98504000	0	120750000	96585000
sp Q9NT6	ATG3	sp Q9NT6	1	6	6	6	30	35.864	384260000	395130000	355030000	395330000	416650000	365920000
sp Q9NTI	PDS5B	sp Q9NTI	1	14	12	12	12	164.67	556470000	466240000	600640000	579490000	582230000	622740000
sp Q9NTJ	SMC4	sp Q9NTJ	1	33	33	33	29	147.18	2988400000	3143400000	3169400000	2774500000	3147400000	3058400000
sp Q9NTJ	SACM1L	sp Q9NTJ	1	5	5	5	9.2	66.966	209260000	279490000	252340000	312670000	317670000	349080000
sp Q9NTK	OLA1	sp Q9NTK	1	14	14	14	43	44.743	2827100000	2271600000	2782500000	2736700000	2929100000	2489500000
sp Q9NTM	CUTC	sp Q9NTM	1	2	2	2	12	29.341	0	142760000	104560000	95985000	100620000	149940000
sp Q9NTX	ECHDC1	sp Q9NTX	1	6	6	6	27	33.698	369210000	334060000	424740000	334380000	346910000	497670000
sp Q9NTZ	RBM12	sp Q9NTZ	1	11	11	11	14	97.394	659590000	753900000	602190000	511000000	524550000	674920000
sp Q9NU2	MDN1	sp Q9NU2	1	11	11	11	3.1	632.81	200010000	176130000	181100000	207510000	201130000	180690000
sp Q9NUI	DECR2	sp Q9NUI	1	2	2	2	9.6	30.777	0	0	0	0	34865000	0
sp Q9NUJ	ABHD10	sp Q9NUJ	1	4	4	4	18	33.932	265680000	309850000	223360000	298760000	329340000	454890000
sp Q9NUJ	TCP11L1	sp Q9NUJ	1	1	1	1	2.4	57.034	0	0	0	0	0	17596000
sp Q9NUL	STAU2	sp Q9NUL	1	3	3	3	7.4	62.608	0	160760000	301420000	157230000	0	0
sp Q9NUN	TMEM106	sp Q9NUN	1	3	3	3	11	31.127	0	211530000	0	0	0	0
sp Q9NUC	TXLNG	sp Q9NUC	2	4	4	4	11	60.585	0	154730000	0	0	0	0
sp Q9NUC	SPATS2L	sp Q9NUC	1	8	8	8	17	61.728	553180000	483980000	353420000	336320000	534800000	485790000
sp Q9NUC	UFSP2	sp Q9NUC	1	1	1	1	6	53.261	0	0	0	0	0	75195000
sp Q9NUC	ABCF3	sp Q9NUC	1	9	9	9	19	79.744	369660000	297390000	385740000	323210000	307840000	310700000
sp Q9NUC	FAM49B	sp Q9NUC	2	9	9	9	44	36.748	1053500000	1084100000	1223000000	1034000000	1196300000	1078100000
sp Q9NUL	DDX19A	sp Q9NUL	1	11	11	3	29	53.974	1116600000	1232100000	1056300000	1204400000	1252300000	1185200000
sp Q9NV0	DCAF13	sp Q9NV0	1	3	3	3	8.3	51.402	98143000	110260000	121770000	130640000	0	0
sp Q9NV3	IMP3	sp Q9NV3	1	2	2	2	15	21.85	156280000	187900000	170720000	161860000	185010000	185370000
sp Q9NV5	MRGBP	sp Q9NV5	1	1	1	1	6.4	22.417	0	0	0	0	0	26142000
sp Q9NV9	TMEM30A	sp Q9NV9	1	1	1	1	4.7	40.683	0	0	0	0	0	26796000
sp Q9NVA	UQCC1	sp Q9NVA	1	1	1	1	3	34.6	0	0	0	0	0	19649000
sp Q9NVA	SEPT11	sp Q9NVA	1	14	14	8	40	49.398	2692300000	2472700000	2426300000	1992500000	2222600000	1986500000
sp Q9NVE	PARVA	sp Q9NVE	1	8	8	7	32	42.243	644080000	534780000	676730000	517730000	440080000	451590000
sp Q9NVE	PANK4	sp Q9NVE	1	4	4	4	7.8	85.99	0	0	0	0	123840000	0

sp Q9NVG	TBC1D13	sp Q9NVG	1	5	5	5	16	46.553	290720000	319800000	313420000	276680000	322420000	278520000
sp Q9NVH	DNAJC11	sp Q9NVH	1	8	8	8	19	63.277	355450000	527720000	422140000	469540000	538520000	465730000
sp Q9NVH	INTS7	sp Q9NVH	1	7	7	7	12	106.83	1197800000	1649800000	1381400000	1268000000	1517100000	1441000000
sp Q9NVI	FANCI	sp Q9NVI	1	10	10	10	9.2	149.32	880220000	1177800000	1117800000	779350000	674610000	704830000
sp Q9NVI	ATAD3A	sp Q9NVI	1	22	22	7	36	71.368	4070700000	4023200000	4076900000	4691000000	5135500000	4800900000
sp Q9NVJ	ARL8B	sp Q9NVJ	1	5	5	2	36	21.539	528990000	632550000	720520000	508310000	512850000	521880000
sp Q9NVN	INTS13	sp Q9NVN	1	1	1	1	1.8	80.224	14982000	0	0	0	0	0
sp Q9NVN	GNL3L	sp Q9NVN	1	2	2	2	4.3	65.572	142520000	182070000	0	0	0	144630000
sp Q9NVF	DDX18	sp Q9NVF	1	12	12	12	25	75.406	979990000	935930000	1040300000	1422000000	1141800000	1220600000
sp Q9NVF	ASF1B	sp Q9NVF	1	4	4	3	33	22.433	199280000	177610000	166930000	112970000	124270000	168550000
sp Q9NVC	FAIM	sp Q9NVC	1	4	4	4	39	20.215	0	238070000	0	0	0	0
sp Q9NVS	MRPS18A	sp Q9NVS	1	3	3	3	18	22.184	0	0	0	0	0	191440000
sp Q9NVS	PNPO	sp Q9NVS	1	4	4	4	24	29.988	593380000	260450000	0	516400000	486980000	450480000
sp Q9NVU	SDAD1	sp Q9NVU	1	2	2	2	3.6	79.87	0	0	0	67746000	0	0
sp Q9NVV	MTPAP	sp Q9NVV	1	4	4	4	11	66.171	0	108330000	93286000	0	96198000	120760000
sp Q9NVX	NLE1	sp Q9NVX	1	8	8	8	26	53.32	352480000	548190000	321120000	279550000	405420000	385440000
sp Q9NVZ	NECAP2	sp Q9NVZ	1	3	3	3	23	28.338	276660000	224470000	230420000	167580000	234470000	230010000
sp Q9NWF	RBM28	sp Q9NWF	1	10	10	10	15	85.737	353350000	305970000	281100000	318190000	288900000	313520000
sp Q9NWF	ANO10	sp Q9NWF	1	5	5	5	8.9	76.328	253060000	301690000	232300000	242890000	248770000	326950000
sp Q9NWF	RBM22	sp Q9NWF	1	5	5	5	15	46.895	164350000	144920000	207970000	216360000	174580000	165190000
sp Q9NWF	BSDC1	sp Q9NWF	1	2	2	2	10	47.163	0	67032000	45449000	0	58748000	0
sp Q9NWF	DMAC2	sp Q9NWF	1	2	2	2	12	29.267	0	83951000	54254000	52393000	0	0
sp Q9NWF	WDR70	sp Q9NWF	1	6	6	6	11	73.2	246460000	276610000	0	0	0	0
sp Q9NWF	ARGLU1	sp Q9NWF	1	2	2	2	5.5	33.216	0	0	0	0	2305500000	3904400000
sp Q9NWF	SLTM	sp Q9NWF	1	8	8	8	9.8	117.15	348880000	297150000	382720000	583200000	386240000	0
sp Q9NWF	FKBP14	sp Q9NWF	1	1	1	1	7.1	24.171	0	0	0	0	30952000	0
sp Q9NWF	PIH1D1	sp Q9NWF	1	4	4	4	21	32.363	134890000	151980000	0	0	302560000	224990000
sp Q9NWF	RMND1	sp Q9NWF	1	1	1	1	1.8	51.603	0	0	0	0	0	11581000
sp Q9NWF	PAK1IP1	sp Q9NWF	1	2	2	2	7.9	43.963	0	0	135720000	0	0	0
sp Q9NWF	OXSM	sp Q9NWF	1	3	3	3	14	48.842	108450000	107490000	111640000	106410000	112280000	0
sp Q9NWF	GID8	sp Q9NWF	1	1	1	1	9.2	26.748	0	0	0	0	0	27339000
sp Q9NWF	MRPL22	sp Q9NWF	1	4	4	4	25	23.64	204120000	244250000	209120000	206190000	233810000	233200000
sp Q9NWF	C1orf123	sp Q9NWF	1	4	4	4	31	18.048	243540000	243870000	209650000	278730000	298170000	215010000
sp Q9NWF	BABAM1	sp Q9NWF	1	3	3	3	18	36.56	113040000	104040000	153760000	157300000	152000000	132340000
sp Q9NWF	CLN6	sp Q9NWF	1	1	1	1	6.8	35.919	0	0	0	0	0	47261000
sp Q9NWF	THG1L	sp Q9NWF	1	3	3	3	15	34.83	141860000	0	78175000	0	144740000	116670000
sp Q9NX0	COMMD8	sp Q9NX0	1	2	2	2	21	21.09	172270000	194730000	0	164650000	258400000	120220000
sp Q9NX1	NDUFB11	sp Q9NX1	1	3	3	3	33	17.316	611940000	428460000	483650000	370280000	428200000	421210000
sp Q9NX1	SDHAF2	sp Q9NX1	1	4	4	4	36	19.599	218440000	220550000	258850000	270300000	267080000	249940000

sp Q9NX2	MRPL16	sp Q9NX2	1	3	3	3	16	28.449	192820000	220700000	128420000	113860000	181270000	961010000
sp Q9NX2	NHP2	sp Q9NX2	1	6	6	6	54	17.201	586710000	684050000	601910000	546790000	795080000	899060000
sp Q9NX4	OCIAD1	sp Q9NX4	1	7	7	7	28	27.626	528950000	830380000	694440000	583490000	655240000	511600000
sp Q9NX4	ADPRHL2	sp Q9NX4	1	3	3	3	13	38.946	0	0	0	0	107840000	0
sp Q9NX4	MARCH5	sp Q9NX4	1	2	2	2	10	31.231	0	0	0	0	0	180970000
sp Q9NX5	HYPK	sp Q9NX5	1	3	3	3	36	14.665	629560000	547520000	424620000	505930000	475990000	487970000
sp Q9NX5	LYAR	sp Q9NX5	1	8	8	8	33	43.614	517080000	535960000	845070000	464010000	688480000	0
sp Q9NX6	IMPAD1	sp Q9NX6	1	4	4	4	13	38.681	0	86910000	148750000	0	136760000	0
sp Q9NX6	CHCHD3	sp Q9NX6	1	7	7	7	29	26.152	1890800000	1828600000	1585200000	1856900000	1729900000	1897600000
sp Q9NX7	DUS2	sp Q9NX7	1	2	2	2	6.1	55.05	0	0	0	0	0	21545000
sp Q9NX7	CMTM6	sp Q9NX7	1	1	1	1	5.5	20.419	0	0	0	0	0	92160000
sp Q9NXC	SMPD4	sp Q9NXC	1	3	3	3	5.3	97.809	200090000	0	168080000	134960000	188890000	0
sp Q9NXC	TEX10	sp Q9NXC	1	7	7	7	10	105.67	217060000	242690000	221880000	302680000	231110000	269520000
sp Q9NXC	THUMPD	sp Q9NXC	1	9	9	9	38	39.315	685320000	626870000	881550000	593430000	677780000	597900000
sp Q9NXH	TOR4A	sp Q9NXH	1	2	2	2	7.1	46.914	0	0	0	0	0	52735000
sp Q9NXH	TRMT1	sp Q9NXH	1	13	13	13	29	72.233	629640000	769460000	738580000	777020000	799600000	622040000
sp Q9NXV	CDKN2A1	sp Q9NXV	1	3	3	3	6.9	61.124	268960000	159620000	108990000	162070000	0	0
sp Q9NXV	DNAJB12	sp Q9NXV	1	5	5	5	15	41.818	174080000	139510000	142690000	161530000	194740000	166240000
sp Q9NY1	GAR1	sp Q9NY1	1	5	5	5	28	22.348	501710000	454440000	465710000	482910000	616920000	537940000
sp Q9NY2	PPP4R2	sp Q9NY2	1	7	7	7	24	46.898	249770000	390960000	331170000	345490000	353740000	299570000
sp Q9NY3	DPP3	sp Q9NY3	1	14	14	14	28	82.588	848280000	981510000	804150000	1012600000	1026100000	949740000
sp Q9NY6	AATF	sp Q9NY6	1	4	4	4	12	63.132	165640000	119780000	95451000	127520000	92205000	146960000
sp Q9NY9	DDX56	sp Q9NY9	1	5	5	5	11	61.589	322590000	446080000	0	312240000	313160000	406310000
sp Q9NYE	TERF2IP	sp Q9NYE	1	1	1	1	4.3	44.259	0	0	0	0	0	26039000
sp Q9NYE	ABI2	sp Q9NYE	1	2	2	2	5.8	55.663	0	0	0	0	63111000	0
sp Q9NYF	BCLAF1	sp Q9NYF	1	14	13	13	18	106.12	2424700000	1936700000	1966400000	2007600000	2194100000	1854000000
sp Q9NYH	UTP6	sp Q9NYH	1	7	7	7	15	70.193	279090000	294690000	334360000	364310000	290280000	253410000
sp Q9NYJ	COA4	sp Q9NYJ	1	2	2	2	25	10.134	159790000	195980000	134100000	187300000	249080000	258290000
sp Q9NYK	MRPL39	sp Q9NYK	1	5	5	5	15	38.711	300120000	0	248880000	238470000	236570000	268240000
sp Q9NYL	MAP3K20	sp Q9NYL	1	2	2	2	4.1	91.154	0	0	0	0	38167000	0
sp Q9NYL	FKBP11	sp Q9NYL	1	3	3	3	18	22.18	131450000	216640000	0	234150000	0	0
sp Q9NYL	TMOD3	sp Q9NYL	2	17	17	17	56	39.594	2190600000	2741500000	1875600000	1999300000	2058400000	1785800000
sp Q9NYF	ELOVL5	sp Q9NYF	1	2	2	2	7.4	35.293	96251000	94599000	156250000	73641000	88226000	106120000
sp Q9NYU	UGGT1	sp Q9NYU	1	25	25	24	22	177.19	994790000	1140800000	1195000000	1227900000	1196800000	1391800000
sp Q9NYY	FASTKD2	sp Q9NYY	1	6	6	6	12	81.462	226070000	191950000	141210000	193390000	144020000	252810000
sp Q9NZ0	TECR	sp Q9NZ0	1	9	9	9	23	36.034	2676000000	2489000000	2618200000	3283300000	2594300000	3225000000
sp Q9NZ0	ERAP1	sp Q9NZ0	1	6	6	6	13	107.23	96263000	0	105620000	134740000	107540000	103150000
sp Q9NZ0	UBAP1	sp Q9NZ0	1	3	3	3	12	55.083	62488000	0	50722000	148010000	0	0
sp Q9NZ3	ACTR10	sp Q9NZ3	1	3	3	3	9.4	46.306	0	191520000	117540000	129780000	149920000	0

sp Q9NZ4 PSENE	sp Q9NZ4	1	1	1	1	15	12.029	0	0	0	0	0	65146000
sp Q9NZ4 USE1	sp Q9NZ4	1	1	1	1	6.2	29.371	0	0	23699000	0	0	0
sp Q9NZ4 CISD1	sp Q9NZ4	1	4	4	4	44	12.199	805640000	757060000	889390000	854000000	945230000	976410000
sp Q9NZ6 C9orf78	sp Q9NZ6	1	6	6	6	27	33.688	504350000	643410000	532140000	459240000	545060000	692790000
sp Q9NZE FAM120A	sp Q9NZE	3	28	28	28	35	121.89	3727500000	3239900000	3374800000	2719700000	3047700000	3369500000
sp Q9NZC GDE1	sp Q9NZC	1	1	1	1	4.5	37.718	0	0	0	0	0	61165000
sp Q9NZD GLTP	sp Q9NZD	1	1	1	1	7.2	23.85	0	0	0	0	0	2657000
sp Q9NZD SPG21	sp Q9NZD	1	6	6	6	25	34.96	214570000	257120000	293140000	286270000	171630000	196700000
sp Q9NZI IGF2BP1	sp Q9NZI	3	16	14	14	34	63.48	1549700000	1613500000	1296600000	1685600000	1874100000	2120600000
sp Q9NZJ COQ3	sp Q9NZJ	1	1	1	1	4.6	41.054	0	0	0	0	0	49826000
sp Q9NZJ MTCH1	sp Q9NZJ	1	5	5	5	17	41.544	315700000	295040000	532000000	364770000	301650000	316680000
sp Q9NZL HSPBP1	sp Q9NZL	1	9	9	9	34	39.474	515030000	599370000	680890000	538630000	521820000	667260000
sp Q9NZL MAT2B	sp Q9NZL	1	13	13	13	48	37.551	1007600000	1305100000	1038900000	882170000	955910000	1135800000
sp Q9NZM MYOF	sp Q9NZM	3	73	73	73	44	234.71	9199500000	8647100000	8692900000	8586700000	8774400000	9024900000
sp Q9NZM NOP53	sp Q9NZM	1	4	4	4	18	54.389	57486000	0	75627000	82150000	0	0
sp Q9NZN EHD2	sp Q9NZN	1	20	19	18	58	61.161	3565100000	3724000000	3810300000	4109900000	2931300000	3298200000
sp Q9NZC NCKIPSD	sp Q9NZC	1	4	4	4	7.5	78.959	91425000	86781000	0	0	0	0
sp Q9NZT OGFR	sp Q9NZT	1	11	11	11	37	73.324	485020000	359330000	416910000	419670000	456230000	419150000
sp Q9NZV MPP6	sp Q9NZV	1	2	2	2	4.3	61.116	0	0	0	0	84851000	0
sp Q9NZZ CHMP5	sp Q9NZZ	1	3	3	3	24	24.57	538610000	596690000	477830000	406930000	437740000	459360000
sp Q9P00 COMMD9	sp Q9P00	1	6	6	6	48	21.819	261550000	354670000	422060000	256220000	247100000	161650000
sp Q9P00 CNIH4	sp Q9P00	1	1	1	1	14	16.093	337390000	0	0	454030000	0	0
sp Q9P01 CWC15	sp Q9P01	1	2	2	2	15	26.624	138530000	130880000	122220000	89906000	140700000	105510000
sp Q9P01 MRPL15	sp Q9P01	1	2	2	2	8.1	33.419	0	0	0	0	0	48451000
sp Q9P01 THYN1	sp Q9P01	1	3	3	3	12	25.697	72787000	132220000	128980000	112170000	147100000	145210000
sp Q9P02 CRIPT	sp Q9P02	1	1	1	1	11	11.216	0	0	0	0	0	36897000
sp Q9P03 HACD3	sp Q9P03	1	6	6	6	20	43.159	1407800000	1335700000	1450200000	1567700000	1275700000	1779100000
sp Q9P0I2 EMC3	sp Q9P0I2	1	6	6	6	29	29.952	215310000	213430000	215550000	286500000	257550000	205930000
sp Q9P0J NDUFA13	sp Q9P0J	1	3	3	3	16	16.698	130400000	249620000	197850000	124850000	98252000	82829000
sp Q9P0J KCMF1	sp Q9P0J	1	2	2	2	7.3	41.945	0	0	0	110680000	45840000	0
sp Q9P0K RAI14	sp Q9P0K	1	12	12	12	20	110.04	476590000	336030000	0	406440000	438200000	314080000
sp Q9P0L VAPA	sp Q9P0L	1	12	12	11	53	27.893	5157400000	5325400000	4536600000	5710200000	7311900000	5744000000
sp Q9P0M MRPL27	sp Q9P0M	1	3	3	3	28	16.073	0	0	0	0	0	130120000
sp Q9P0P RNF181	sp Q9P0P	1	1	1	1	5.9	17.909	0	0	0	0	29001000	0
sp Q9P0S TMEM14C	sp Q9P0S	1	1	1	1	8.9	11.564	0	0	0	0	0	382440000
sp Q9P0T TMEM9	sp Q9P0T	1	2	2	2	18	20.574	0	0	0	0	0	209520000
sp Q9P0U TOMM7	sp Q9P0U	1	2	2	2	44	6.2484	0	0	0	302910000	535410000	0
sp Q9P0V SH3BP4	sp Q9P0V	1	4	4	4	6	107.49	0	0	0	0	61814000	0
sp Q9P0V SEPT10	sp Q9P0V	1	10	9	9	36	52.592	601180000	518690000	495970000	538070000	498170000	522750000

sp Q9P0V HMG20B	sp Q9P0V	1	1	1	1	7.6	35.812	0	0	0	0	0	6253700
sp Q9P1F ABRACL	sp Q9P1F	1	2	2	2	36	9.0564	218200000	347970000	357280000	246190000	260840000	0
sp Q9P25 VPS18	sp Q9P25	1	1	1	1	1.5	110.18	0	0	0	0	46520000	0
sp Q9P25 RCC2	sp Q9P25	1	17	17	17	45	56.084	6380300000	6210500000	5899100000	6308000000	5562700000	5749300000
sp Q9P26 KIAA1468	sp Q9P26	1	1	1	1	1.9	134.63	0	0	0	0	0	0
sp Q9P26 DIP2B	sp Q9P26	1	6	6	6	6.5	171.49	160700000	0	196310000	118140000	118890000	148140000
sp Q9P28 BCCIP	sp Q9P28	1	7	7	7	31	35.979	1559200000	1284000000	1423400000	1199900000	1110200000	1430500000
sp Q9P28 STK26	sp Q9P28	2	10	10	5	30	46.528	749110000	777860000	669360000	707650000	754140000	885630000
sp Q9P2B PTGFRN	sp Q9P2B	1	3	3	3	3.8	98.555	0	0	0	0	111160000	0
sp Q9P2B CTTNBP2	sp Q9P2B	1	2	2	2	6.9	70.157	0	0	0	159670000	0	0
sp Q9P2E RRBP1	sp Q9P2E	2	35	35	35	33	152.45	3348800000	3201100000	3491600000	2973200000	3375900000	3404500000
sp Q9P2I CPSF2	sp Q9P2I	1	4	4	4	7.2	88.486	193870000	0	0	0	115290000	0
sp Q9P2J LARS	sp Q9P2J	1	36	36	36	38	134.46	5053000000	4990500000	4840500000	5125100000	4982200000	5268300000
sp Q9P2K EIF2AK4	sp Q9P2K	1	2	2	2	1.5	186.91	0	0	0	0	0	30029000
sp Q9P2N RBM27	sp Q9P2N	1	5	4	4	7.6	118.72	219700000	173380000	161560000	203930000	165300000	228860000
sp Q9P2R ANKFY1	sp Q9P2R	1	8	8	8	10	128.4	516780000	497000000	468000000	658700000	553800000	432170000
sp Q9P2R SUCLA2	sp Q9P2R	1	12	12	12	33	50.317	1034000000	1165000000	868530000	1070700000	1646200000	1313000000
sp Q9P2T GMPR2	sp Q9P2T	1	3	3	3	13	37.874	0	0	82091000	0	44337000	40203000
sp Q9P2V STX18	sp Q9P2V	1	1	1	1	3.6	38.673	0	0	0	0	0	3188100
sp Q9P2X DPM3	sp Q9P2X	1	1	1	1	13	10.094	166350000	292170000	176720000	0	311440000	312480000
sp Q9UBE ATXN10	sp Q9UBE	1	16	16	16	41	53.488	2711400000	2692100000	2783000000	1795400000	1748000000	1812700000
sp Q9UBE MBD2	sp Q9UBE	1	4	4	4	20	43.254	0	384820000	354930000	0	518540000	0
sp Q9UBE NCDN	sp Q9UBE	1	8	8	8	18	78.863	132590000	0	0	171170000	178620000	172190000
sp Q9UBC EPS15L1	sp Q9UBC	1	7	7	7	11	94.254	236840000	226640000	246640000	267870000	273970000	243130000
sp Q9UBC ORC3	sp Q9UBC	1	4	4	4	8.4	82.253	190620000	154270000	133750000	129860000	138370000	142230000
sp Q9UBE SAE1	sp Q9UBE	1	11	11	11	41	38.449	1123100000	1083700000	1157700000	1084600000	1235100000	1168400000
sp Q9UBF COPG2	sp Q9UBF	1	8	4	4	14	97.621	79823000	100060000	124940000	84348000	100580000	83873000
sp Q9UBF RNF7	sp Q9UBF	1	1	1	1	20	12.683	0	0	0	0	0	35522000
sp Q9UBC MRC2	sp Q9UBC	1	2	2	2	2.8	166.67	0	57009000	0	0	0	0
sp Q9UBI COMMD3	sp Q9UBI	1	3	3	3	22	22.151	0	0	0	0	0	102900000
sp Q9UBI GNG12	sp Q9UBI	1	3	3	3	57	8.0061	2014400000	1713100000	1523600000	1478500000	2448900000	1639700000
sp Q9UBK MTRR	sp Q9UBK	1	5	5	5	11	80.409	534940000	600640000	377130000	353670000	334080000	346670000
sp Q9UBL ASH2L	sp Q9UBL	1	3	3	3	6.7	68.722	0	0	0	43837000	46940000	0
sp Q9UBN PEMT	sp Q9UBN	1	1	1	1	6.5	22.134	0	0	0	0	30154000	0
sp Q9UBN DHCR7	sp Q9UBN	1	5	5	5	13	54.489	1234900000	669650000	1148300000	957640000	811900000	1013300000
sp Q9UBF SPAST	sp Q9UBF	1	1	1	1	3.9	67.196	0	0	0	0	0	29532000
sp Q9UBF METT1	sp Q9UBF	1	3	3	3	26	31.471	0	0	255840000	0	380520000	0
sp Q9UBF GULP1	sp Q9UBF	1	3	3	3	9.2	34.49	0	0	311750000	0	0	259200000
sp Q9UBC VPS29	sp Q9UBC	1	6	6	6	33	20.505	1227200000	1476000000	1308500000	1125100000	1326100000	1343900000

sp Q9UBC	EIF3K	sp Q9UBC	1	6	6	6	34	25.059	2090600000	1793700000	1735200000	1838800000	2051000000	1911600000
sp Q9UBC	GRHPR	sp Q9UBC	1	10	10	10	46	35.668	1911900000	2596700000	2404100000	2032200000	2136200000	2500200000
sp Q9UBF	CTSZ	sp Q9UBF	1	6	6	6	24	33.868	427760000	596720000	379750000	414770000	463270000	471100000
sp Q9UBS	DNAJB11	sp Q9UBS	1	9	9	9	29	40.513	1059600000	908330000	1157100000	1390000000	1296800000	1183700000
sp Q9UBT	UBA2	sp Q9UBT	1	21	21	21	47	71.223	2886100000	3213200000	3106800000	2767300000	3159500000	2400800000
sp Q9UBL	MORF4L1	sp Q9UBL	1	7	7	6	31	41.473	537700000	476300000	350140000	282250000	395970000	0
sp Q9UBL	NXF1	sp Q9UBL	1	11	11	11	25	70.182	668640000	697970000	724060000	527130000	606150000	838300000
sp Q9UBV	SEL1L	sp Q9UBV	1	3	3	3	6	88.754	135560000	0	100590000	156960000	126230000	88961000
sp Q9UBV	PEF1	sp Q9UBV	1	3	3	3	12	30.381	0	0	0	0	193970000	0
sp Q9UBV	COPS7A	sp Q9UBV	1	7	7	7	34	30.276	342040000	357300000	419460000	434630000	442890000	327980000
sp Q9UBX	SLC25A1	sp Q9UBX	1	8	8	8	37	31.282	864530000	511480000	723250000	804240000	1007300000	943180000
sp Q9UDV	UQCR10	sp Q9UDV	1	2	2	2	38	7.3084	408070000	0	415300000	0	364980000	0
sp Q9UDY	TJP2	sp Q9UDY	1	7	7	7	6.8	133.96	477120000	416030000	334290000	364640000	323100000	442970000
sp Q9UDY	DNAJB4	sp Q9UDY	1	11	10	10	40	37.806	1026300000	1002200000	855010000	901300000	988110000	1067800000
sp Q9UDY	MALT1	sp Q9UDY	1	2	2	2	3.8	92.271	0	0	0	0	0	45513000
sp Q9UEF	DAXX	sp Q9UEF	1	3	3	3	8.9	81.372	0	0	0	0	53689000	0
sp Q9UEL	VTI1B	sp Q9UEL	1	2	2	2	13	26.688	35510000	0	46236000	0	53632000	0
sp Q9UEV	STK39	sp Q9UEV	1	4	2	2	9.4	59.473	0	0	0	58318000	0	0
sp Q9UEY	ADD3	sp Q9UEY	1	5	5	5	11	79.154	191340000	244750000	190040000	161390000	180850000	193470000
sp Q9UFC	LRWD1	sp Q9UFC	1	5	5	5	12	70.86	159500000	238480000	128490000	284140000	206190000	163270000
sp Q9UFN	NIPSNAP	sp Q9UFN	1	1	1	1	7.3	28.466	0	0	0	0	0	10955000
sp Q9UFV	CGGBP1	sp Q9UFV	1	1	1	1	6	18.82	0	0	0	0	0	119870000
sp Q9UG6	ABCF2	sp Q9UG6	1	15	15	15	29	71.289	1673700000	1693300000	2035700000	1904600000	1594900000	1594700000
sp Q9UGI	TES	sp Q9UGI	1	19	19	19	54	47.996	2794600000	2966500000	2571100000	2890100000	2934200000	2959300000
sp Q9UGJ	TUBGCP4	sp Q9UGJ	1	3	3	3	6.9	76.088	102810000	121280000	126880000	0	0	113640000
sp Q9UGN	WARS2	sp Q9UGN	1	2	2	2	7.2	40.146	0	0	0	0	35675000	0
sp Q9UGF	LIMD1	sp Q9UGF	1	2	2	2	4.4	72.189	93812000	67384000	0	68844000	0	85538000
sp Q9UGF	SEC63	sp Q9UGF	1	12	12	12	23	87.996	759880000	842200000	714070000	970160000	1154300000	1184800000
sp Q9UGF	ZC3H7B	sp Q9UGF	1	1	1	1	1.1	111.58	0	0	0	0	0	17197000
sp Q9UGU	TCF20	sp Q9UGU	1	2	2	2	1.5	211.77	0	0	0	0	29278000	0
sp Q9UGV	NDRG3	sp Q9UGV	1	4	4	4	18	41.408	215480000	289760000	187130000	0	204050000	171420000
sp Q9UGY	NOL12	sp Q9UGY	1	1	1	1	5.6	24.663	0	24171000	0	0	0	0
sp Q9UH6	ARMCX3	sp Q9UH6	1	4	4	4	17	42.5	202320000	174710000	141190000	172220000	206940000	157940000
sp Q9UH6	SWAP70	sp Q9UH6	1	6	6	6	13	68.997	252190000	258880000	189830000	258000000	238730000	191450000
sp Q9UH9	SUN2	sp Q9UH9	1	6	6	6	13	80.31	102230000	162300000	133530000	89716000	74856000	92750000
sp Q9UHA	LAMTOR3	sp Q9UHA	1	3	3	3	44	13.623	187270000	433010000	248430000	236320000	253620000	311840000
sp Q9UHE	LIMA1	sp Q9UHE	1	10	10	10	17	85.225	836090000	851830000	742340000	708360000	753980000	782370000
sp Q9UHE	AFF4	sp Q9UHE	1	1	1	1	1.5	127.46	0	0	0	0	0	29154000
sp Q9UHE	SRP68	sp Q9UHE	1	13	13	13	28	70.729	1279500000	1249900000	1376400000	1232800000	1270500000	1333100000

sp Q9UHL CHORDC	sp Q9UHL	1	14	14	14	55	37.489	4695900000	5042200000	5620500000	4920900000	6452300000	5063600000
sp Q9UHL TBK1	sp Q9UHL	1	2	2	2	4.8	83.641	0	0	0	0	0	38884000
sp Q9UHL SEPT9	sp Q9UHL	1	23	23	23	47	65.401	3898500000	4441200000	3956000000	3655600000	3639100000	3805800000
sp Q9UHL UBQLN2	sp Q9UHL	1	9	6	6	27	65.695	1149700000	9932900000	1282800000	7974800000	8059300000	7325800000
sp Q9UHL PCYOX1	sp Q9UHL	1	10	10	10	25	56.639	6961600000	9334900000	7794900000	8398300000	7815900000	6896300000
sp Q9UHL DDX20	sp Q9UHL	1	10	10	10	19	92.239	2084000000	3581800000	3928400000	5461700000	6667900000	4037900000
sp Q9UHL AMACR	sp Q9UHL	1	2	2	2	7.6	42.386	0	0	0	0	46381000	0
sp Q9UHL TMEM2	sp Q9UHL	1	1	1	1	1	154.37	0	0	0	31086000	0	0
sp Q9UHL CYB5R1	sp Q9UHL	1	6	6	6	22	34.094	1295600000	1259600000	1349500000	1652000000	1915500000	1822100000
sp Q9UHL BAIAP2L1	sp Q9UHL	1	3	3	3	8.4	56.882	1202400000	0	0	1227000000	1264700000	0
sp Q9UHL SAP30BP	sp Q9UHL	1	2	2	2	8.4	33.87	0	91083000	0	96887000	0	1264600000
sp Q9UHL ZNHIT2	sp Q9UHL	1	4	4	4	12	42.883	0	115510000	0	0	0	0
sp Q9UHL PFDN2	sp Q9UHL	1	6	6	6	40	16.648	1393200000	1763900000	1055000000	1690900000	1736300000	1665500000
sp Q9UHL GPN3	sp Q9UHL	1	1	1	1	6.3	32.761	0	0	0	0	0	18015000
sp Q9UHL PUF60	sp Q9UHL	1	18	18	18	39	59.875	4068100000	3874200000	4501900000	3854300000	3923800000	3476800000
sp Q9UHL NRBP1	sp Q9UHL	1	5	5	5	13	59.844	1322700000	1449600000	1667100000	96143000	74374000	1352600000
sp Q9UHL ENOPH1	sp Q9UHL	1	4	4	4	28	28.932	3000700000	3201000000	2185900000	2166000000	2268400000	1665900000
sp Q9UI09 NDUFA12	sp Q9UI09	1	2	2	2	17	17.114	1018000000	950800000	85712000	43526000	78208000	74291000
sp Q9UI10 EIF2B4	sp Q9UI10	1	6	6	6	20	57.557	1500100000	1041000000	1189100000	1657900000	0	1389600000
sp Q9UI12 ATP6V1H	sp Q9UI12	1	5	5	5	16	55.882	3466000000	2868800000	2878200000	2135600000	1789300000	3377700000
sp Q9UI15 TAGLN3	sp Q9UI15	1	2	1	1	14	22.472	0	0	0	0	0	32203000
sp Q9UI26 IPO11	sp Q9UI26	1	8	8	8	12	112.53	3222300000	3558900000	4336200000	4593000000	3403600000	3661800000
sp Q9UI30 TRMT112	sp Q9UI30	1	6	6	6	59	14.199	1822600000	2225800000	2017800000	1616900000	1565800000	1831400000
sp Q9UIA9 XPO7	sp Q9UIA9	1	13	13	13	18	123.91	6212200000	7168400000	6558100000	6145400000	6091200000	7662500000
sp Q9UID3 VPS51	sp Q9UID3	1	5	5	5	10	86.041	1655700000	1366700000	1442700000	1785200000	1927300000	1785500000
sp Q9UIG3 BAZ1B	sp Q9UIG3	1	17	17	17	17	170.9	1111500000	1241800000	1093400000	1058800000	1293100000	1140800000
sp Q9UII4 HERC5	sp Q9UII4	1	2	2	2	2.8	116.85	0	87784000	0	0	76878000	0
sp Q9UIJ7 AK3	sp Q9UIJ7	1	4	4	4	22	25.565	0	2930500000	4026700000	4362200000	5581700000	4352400000
sp Q9UIL7 SCOC	sp Q9UIL7	1	2	2	2	28	18.045	0	0	0	20496000	0	0
sp Q9UIQ3 LNPEP	sp Q9UIQ3	1	6	6	6	8.1	117.35	2463100000	2367000000	0	1733400000	2497800000	1757000000
sp Q9UIV3 CNOT7	sp Q9UIV3	1	4	4	4	23	32.745	1445600000	1221100000	91258000	1326100000	1187900000	2230000000
sp Q9UJ43 RABGEF1	sp Q9UJ43	1	3	3	3	6.1	79.37	0	0	0	0	0	64939000
sp Q9UJ73 NAGK	sp Q9UJ73	1	6	6	6	25	37.375	2732500000	3803100000	2544800000	3676500000	3142100000	2998900000
sp Q9UJ73 ANXA10	sp Q9UJ73	1	4	4	4	18	37.277	1233900000	64712000	99032000	1612500000	1030900000	1239900000
sp Q9UJ83 HACL1	sp Q9UJ83	1	6	6	6	17	63.728	1637800000	0	0	2221100000	1677600000	0
sp Q9UJA3 TRMT6	sp Q9UJA3	1	3	3	3	8.2	55.799	0	0	0	0	0	1178800000
sp Q9UJK3 TSR3	sp Q9UJK3	1	2	2	2	12	33.596	0	23656000	0	0	0	0
sp Q9UJS3 SLC25A1	sp Q9UJS3	1	20	20	17	41	74.175	2735300000	2415100000	2482700000	2773500000	2854400000	2689000000
sp Q9UJU3 DBNL	sp Q9UJU3	1	9	9	9	30	48.207	8720800000	7813100000	8700900000	1081000000	1004000000	8393100000

sp Q9UJVV DDX41	sp Q9UJVV	1	2	2	2	5	69.837	0	0	0	0	0	33561000
sp Q9UJVV DCTN4	sp Q9UJVV	1	7	7	7	29	52.337	266760000	278310000	235540000	251580000	238570000	241250000
sp Q9UJXX CDC23	sp Q9UJXX	1	9	9	9	24	68.833	209350000	180480000	169790000	220630000	236820000	266810000
sp Q9UJXX ANAPC7	sp Q9UJXX	1	7	7	7	17	66.855	305620000	298790000	345090000	251760000	299030000	329410000
sp Q9UJXX ANAPC5	sp Q9UJXX	1	3	3	3	6.2	85.076	0	0	63139000	0	0	0
sp Q9UJXX ANAPC2	sp Q9UJXX	1	1	1	1	1.7	93.827	0	0	0	17264000	0	0
sp Q9UJYY HSPB8	sp Q9UJYY	1	3	3	3	19	21.604	0	154400000	0	0	314670000	380660000
sp Q9UJZZ STOML2	sp Q9UJZZ	1	12	12	12	58	38.534	269280000	264180000	286910000	309060000	342990000	294350000
sp Q9UK4 VPS28	sp Q9UK4	1	4	4	4	26	25.425	0	344670000	282650000	436490000	440980000	336140000
sp Q9UK4 LSM7	sp Q9UK4	1	2	2	2	33	11.602	39842000	0	134540000	43072000	0	214740000
sp Q9UK5 DBR1	sp Q9UK5	1	2	2	2	4.4	61.554	54206000	0	0	0	0	0
sp Q9UK6 FAM208A	sp Q9UK6	1	4	4	4	5.2	189.03	113130000	117420000	0	0	98722000	0
sp Q9UK7 JPT1	sp Q9UK7	1	5	5	5	64	16.014	432000000	380550000	381460000	284770000	325840000	337210000
sp Q9UKL MRTO4	sp Q9UKL	1	11	11	11	54	27.56	293720000	224840000	241870000	225860000	215260000	272240000
sp Q9UKF CPSF3	sp Q9UKF	1	9	9	9	20	77.485	330180000	413270000	315140000	342580000	319720000	253090000
sp Q9UKG APPL1	sp Q9UKG	1	6	6	6	11	79.663	71324000	110710000	0	0	0	0
sp Q9UKI CDC42EP	sp Q9UKI	1	2	2	2	13	27.678	0	43455000	49370000	0	33054000	0
sp Q9UKK PARP4	sp Q9UKK	1	3	3	3	1.5	192.59	0	0	0	137050000	0	0
sp Q9UKK NUDT5	sp Q9UKK	1	12	12	12	60	24.327	306440000	218100000	262940000	252310000	270450000	230720000
sp Q9UKL RCOR1	sp Q9UKL	2	2	2	2	7.8	53.327	64853000	235760000	166000000	0	237710000	183600000
sp Q9UKN MAN1B1	sp Q9UKN	1	1	1	1	2.4	79.579	0	0	0	0	54051000	0
sp Q9UKN RALY	sp Q9UKN	1	11	11	11	36	32.463	271270000	249540000	263350000	288260000	277730000	360950000
sp Q9UKN GTF3C4	sp Q9UKN	1	15	15	15	25	91.981	718650000	696730000	616450000	653440000	802990000	715570000
sp Q9UKF ERG28	sp Q9UKF	1	2	2	2	12	15.864	0	0	0	0	0	53879000
sp Q9UKS PACSIN3	sp Q9UKS	1	12	12	12	41	48.486	921350000	855170000	834400000	831570000	703480000	845050000
sp Q9UKV ACIN1	sp Q9UKV	1	18	18	18	20	151.86	195530000	176890000	190630000	188700000	182490000	173780000
sp Q9UKV AGO2	sp Q9UKV	4	6	6	6	12	97.207	177610000	0	198690000	89574000	133010000	104780000
sp Q9UKX NUP50	sp Q9UKX	1	9	9	9	29	50.144	578550000	711630000	480470000	565880000	716240000	628230000
sp Q9UKY CDV3	sp Q9UKY	1	11	11	11	69	27.335	173830000	190600000	134520000	190480000	245910000	207190000
sp Q9UL1 BAG5	sp Q9UL1	1	3	3	3	8.9	51.199	67567000	29936000	91394000	72679000	62043000	105440000
sp Q9UL2 RAB21	sp Q9UL2	1	6	6	6	34	24.347	667610000	539420000	729150000	791500000	725680000	125120000
sp Q9UL2 RAB22A	sp Q9UL2	1	2	1	1	17	21.855	0	0	0	0	0	38631000
sp Q9UL4 PNMA2	sp Q9UL4	1	1	1	1	2.7	41.509	0	0	0	0	0	11205000
sp Q9UL4 PSME2	sp Q9UL4	1	11	11	11	52	27.401	106610000	130690000	981010000	102570000	108760000	863790000
sp Q9ULA DNPEP	sp Q9ULA	1	4	4	4	12	52.428	148490000	128240000	169260000	147640000	0	187120000
sp Q9ULC RAB23	sp Q9ULC	1	3	3	3	22	26.659	127380000	103910000	117390000	126770000	159550000	0
sp Q9ULC MCTS1	sp Q9ULC	1	7	7	7	53	20.555	786700000	978950000	865410000	748050000	840280000	657130000
sp Q9ULH KIDINS22	sp Q9ULH	1	2	2	2	1.6	196.54	0	0	683240000	0	0	952590000
sp Q9ULI HEG1	sp Q9ULI	1	1	1	1	0.9	147.46	0	0	0	0	0	29266000

sp Q9ULK	MED23	sp Q9ULK	1	1	1	1	1.2	156.47	0	0	0	0	35879000	0
sp Q9ULP	TBC1D24	sp Q9ULP	1	2	2	2	4.7	62.919	0	0	0	137490000	0	0
sp Q9ULR	ISY1	sp Q9ULR	1	4	4	4	21	32.992	372390000	229280000	229410000	242510000	236050000	172980000
sp Q9ULT	HECTD1	sp Q9ULT	1	13	13	13	8.5	289.38	402970000	366010000	308010000	396690000	302830000	241900000
sp Q9ULV	CIZ1	sp Q9ULV	1	1	1	1	1.9	100.04	0	0	0	0	16401000	0
sp Q9ULV	CORO1C	sp Q9ULV	1	18	18	18	45	53.248	3418100000	2763300000	3413700000	2951700000	3545400000	3511500000
sp Q9ULV	TPX2	sp Q9ULV	1	18	18	18	33	85.652	595660000	653870000	584350000	1113500000	1052800000	930430000
sp Q9ULX	NOB1	sp Q9ULX	1	6	6	6	22	46.674	480630000	389850000	505190000	349190000	451830000	418530000
sp Q9UM0	TMCO1	sp Q9UM0	1	4	4	4	17	21.175	410500000	439860000	318600000	296740000	356240000	449360000
sp Q9UMF	DDX19B	sp Q9UMF	1	9	1	1	24	53.926	0	0	0	0	0	29426000
sp Q9UMS	NFU1	sp Q9UMS	1	4	4	4	19	28.462	197040000	150540000	193960000	201440000	252330000	178720000
sp Q9UMS	PRPF19	sp Q9UMS	1	16	16	16	55	55.18	7450700000	5695500000	7707000000	6876000000	6588200000	5626700000
sp Q9UMX	UBQLN1	sp Q9UMX	1	12	12	8	41	62.518	2326900000	2420700000	2295800000	2072000000	2358500000	2028500000
sp Q9UMX	NENF	sp Q9UMX	1	4	4	4	41	18.856	371860000	386400000	399600000	304360000	461250000	323990000
sp Q9UMY	NOL7	sp Q9UMY	1	1	1	1	3.9	29.426	0	0	0	0	0	319380000
sp Q9UMY	SNX12	sp Q9UMY	1	8	7	7	58	19.73	1245900000	1373400000	1162100000	1022600000	1076800000	1346100000
sp Q9UN3	VPS4A	sp Q9UN3	1	5	4	4	14	48.897	121400000	215450000	141130000	140730000	195680000	184640000
sp Q9UN7	SOX13	sp Q9UN7	1	1	1	1	2.3	69.228	0	0	0	0	2606100000	0
sp Q9UN8	G3BP2	sp Q9UN8	1	11	10	10	32	54.12	1557800000	1606900000	1860800000	1679800000	1842000000	1486200000
sp Q9UNE	STUB1	sp Q9UNE	1	8	8	8	30	34.856	0	495810000	369830000	378840000	376200000	508400000
sp Q9UNF	PACSIN2	sp Q9UNF	1	13	13	13	36	55.738	838170000	690030000	915340000	732520000	792540000	837390000
sp Q9UNF	MAGED2	sp Q9UNF	3	17	17	17	45	64.953	969980000	1066000000	978850000	953250000	805120000	857640000
sp Q9UNH	SNX6	sp Q9UNH	1	12	12	12	33	46.648	583150000	720050000	797540000	726910000	671220000	667130000
sp Q9UNI	DUSP12	sp Q9UNI	1	3	3	3	17	37.687	85700000	122220000	117620000	225050000	111850000	108130000
sp Q9UNK	STX8	sp Q9UNK	1	1	1	1	7.6	26.906	0	0	0	0	0	15181000
sp Q9UNL	SSR3	sp Q9UNL	1	1	1	1	7.6	21.08	446920000	391310000	366190000	575670000	117520000	376630000
sp Q9UNN	PSMD13	sp Q9UNN	1	17	17	17	50	42.945	3666400000	3786700000	3776400000	3904200000	3696300000	3447800000
sp Q9UNN	FAF1	sp Q9UNN	1	5	5	5	12	73.953	0	255960000	261770000	0	284820000	226110000
sp Q9UNN	PROCR	sp Q9UNN	1	2	2	2	9.2	26.671	156480000	179700000	173850000	133760000	0	0
sp Q9UNF	PPIE	sp Q9UNF	1	5	5	4	24	33.43	383650000	425020000	230940000	523310000	0	273000000
sp Q9UNC	DIMT1	sp Q9UNC	1	9	9	9	40	35.236	441760000	499670000	443240000	438360000	337560000	241090000
sp Q9UNS	COPS3	sp Q9UNS	1	12	12	12	42	47.873	1803800000	2017100000	1605500000	1531000000	1770700000	1746200000
sp Q9UNX	RPL26L1	sp Q9UNX	1	9	2	2	45	17.256	517310000	478560000	488710000	535860000	430340000	629910000
sp Q9UNX	WDR3	sp Q9UNX	1	17	17	17	25	106.1	506800000	397560000	549320000	544340000	469120000	498290000
sp Q9UNZ	NSFL1C	sp Q9UNZ	1	9	9	9	34	40.572	679300000	749050000	809530000	886220000	786350000	556290000
sp Q9UPN	MACF1	sp Q9UPN	1	19	18	18	4	838.3	403870000	490140000	375430000	438780000	464820000	511820000
sp Q9UPN	CEP131	sp Q9UPN	1	1	1	1	1.3	122.15	0	0	0	24318000	0	0
sp Q9UPN	PPP6R1	sp Q9UPN	1	5	5	5	11	96.723	0	0	0	0	113270000	151300000
sp Q9UPN	TRIM33	sp Q9UPN	1	4	4	4	6.7	122.53	0	0	0	270820000	235940000	171390000

sp Q9UPC LIMCH1	sp Q9UPC	1	16	16	16	22	121.87	715700000	668360000	812700000	664740000	645010000	322100000
sp Q9UPC TNRC6B	sp Q9UPC	1	2	2	2	2.7	194	0	0	63070000	0	0	0
sp Q9UPT EXOC7	sp Q9UPT	1	4	4	4	6.9	83.381	166490000	0	0	199640000	0	0
sp Q9UPT ZC3H4	sp Q9UPT	1	5	5	5	7.8	140.26	0	84655000	109800000	92074000	111730000	70287000
sp Q9UPL USP24	sp Q9UPL	1	7	7	7	3.9	294.36	111610000	80984000	0	0	115100000	165400000
sp Q9UPY SLC7A11	sp Q9UPY	1	3	3	3	6	55.422	396580000	438410000	370290000	578740000	483800000	499600000
sp Q9UQ1 SHOC2	sp Q9UQ1	1	4	4	4	16	64.887	99732000	0	0	0	0	0
sp Q9UQ3 SRRM2	sp Q9UQ3	1	33	33	33	18	299.61	3361800000	3776100000	2551700000	2958300000	2741600000	3040200000
sp Q9UQ8 PA2G4	sp Q9UQ8	1	22	22	22	65	43.786	1.4579E+10	1.3819E+10	1.3018E+10	13187000000	12515000000	1.3804E+10
sp Q9UQ9 SPG7	sp Q9UQ9	1	2	2	2	4.2	88.234	1101800000	0	1054800000	0	988510000	1194800000
sp Q9UQE BAIAP2	sp Q9UQE	1	3	3	3	7.1	60.867	66003000	105950000	91912000	98373000	99530000	0
sp Q9UQE SMC3	sp Q9UQE	1	34	34	34	36	141.54	3108900000	3204700000	2747600000	2654500000	2854600000	2890800000
sp Q9Y22 NIP7	sp Q9Y22	1	3	3	3	24	20.462	386650000	265870000	233400000	333040000	241750000	429150000
sp Q9Y22 GNE	sp Q9Y22	1	5	5	5	10	79.274	0	0	111310000	151500000	0	0
sp Q9Y22 RTRAF	sp Q9Y22	1	13	13	13	55	28.068	1702200000	1869900000	1586600000	1685200000	1272800000	1434300000
sp Q9Y23 RUVBL2	sp Q9Y23	1	25	25	25	55	51.156	5204100000	5788500000	5351800000	6353800000	6199700000	6726100000
sp Q9Y23 PIN4	sp Q9Y23	1	2	2	2	32	13.81	413800000	349290000	345400000	288740000	349650000	279810000
sp Q9Y24 HIGD1A	sp Q9Y24	1	1	1	1	19	10.143	0	0	0	0	0	132330000
sp Q9Y24 GINS2	sp Q9Y24	1	2	2	2	14	21.427	0	0	0	33867000	0	0
sp Q9Y26 EIF3L	sp Q9Y26	1	18	18	18	40	66.726	3672300000	3311400000	3841000000	2938300000	3180200000	3104400000
sp Q9Y26 PLAA	sp Q9Y26	1	25	25	25	39	87.156	2232100000	2441200000	2820800000	2858200000	2410700000	2734600000
sp Q9Y26 RUVBL1	sp Q9Y26	1	17	17	17	51	50.227	4770300000	6018300000	4899500000	5268100000	6048300000	5655400000
sp Q9Y26 NUDC	sp Q9Y26	1	16	16	16	54	38.242	6512800000	6860800000	6139700000	6017000000	7945000000	6957700000
sp Q9Y27 BCS1L	sp Q9Y27	1	5	5	5	16	47.534	0	297620000	222480000	312140000	230820000	268870000
sp Q9Y27 VDAC3	sp Q9Y27	1	8	8	8	39	30.658	2614000000	2750100000	2120600000	2814900000	2837800000	2386000000
sp Q9Y28 CFL2	sp Q9Y28	1	8	5	5	60	18.736	1202600000	1110400000	1476700000	1390500000	1222900000	819850000
sp Q9Y28 ERGIC3	sp Q9Y28	1	5	5	5	13	43.222	454080000	407900000	435460000	510030000	430420000	330790000
sp Q9Y28 FARSA	sp Q9Y28	1	12	12	12	36	57.563	2089000000	1894700000	1693000000	1853300000	1564200000	1803900000
sp Q9Y29 ASF1A	sp Q9Y29	1	3	2	2	27	22.968	115980000	103100000	147370000	150270000	0	0
sp Q9Y29 DRG1	sp Q9Y29	1	11	11	11	40	40.542	1480700000	1748700000	1496000000	1247300000	1255700000	1451100000
sp Q9Y2A NCKAP1	sp Q9Y2A	1	14	14	14	19	128.79	959950000	963620000	800460000	992360000	958970000	758050000
sp Q9Y2B CNPY2	sp Q9Y2B	1	9	9	9	58	20.652	1672300000	1752100000	1625700000	1790000000	1807000000	2124200000
sp Q9Y2D AKAP2	sp Q9Y2D	1	7	7	7	14	94.659	0	144550000	227160000	156920000	193730000	210020000
sp Q9Y2G DNAJC16	sp Q9Y2G	1	1	1	1	3.3	90.59	0	0	0	0	6224600	0
sp Q9Y2H FNDC3A	sp Q9Y2H	1	5	5	5	7.9	131.85	0	156470000	166450000	131280000	131620000	137480000
sp Q9Y2K KDM2A	sp Q9Y2K	1	6	6	6	7.2	132.79	0	0	386320000	308980000	270410000	228550000
sp Q9Y2L DIS3	sp Q9Y2L	1	18	18	18	27	109	4169300000	4131700000	4971100000	4617100000	4994900000	4098900000
sp Q9Y2L TRAPPC8	sp Q9Y2L	1	1	1	1	1.2	161	0	0	0	0	0	22228000
sp Q9Y2P RCL1	sp Q9Y2P	1	5	5	5	19	40.842	177540000	206230000	155420000	163420000	145960000	144490000

sp Q9Y2C GSTK1	sp Q9Y2C	1	4	4	4	24	25.497	432130000	327460000	408140000	524260000	391230000	325010000
sp Q9Y2C LAMTOR2	sp Q9Y2C	1	3	3	3	30	13.507	281110000	258190000	179110000	278340000	296040000	213300000
sp Q9Y2C MRPS28	sp Q9Y2C	1	2	2	2	11	20.843	0	195520000	231150000	190890000	0	167860000
sp Q9Y2R COA3	sp Q9Y2R	1	2	2	2	18	11.731	0	431960000	0	0	587910000	579270000
sp Q9Y2R DDX52	sp Q9Y2R	1	7	7	7	19	67.497	300560000	312910000	268980000	195590000	275400000	302300000
sp Q9Y2R MRPS17	sp Q9Y2R	1	5	5	5	59	14.502	615550000	583970000	486910000	660370000	490870000	496570000
sp Q9Y2R MRPS7	sp Q9Y2R	1	10	10	10	49	28.134	517650000	700110000	418660000	498260000	531060000	544690000
sp Q9Y2S TMA7	sp Q9Y2S	1	2	2	2	30	7.0662	778600000	1002100000	595880000	642560000	820180000	667400000
sp Q9Y2S POLDIP2	sp Q9Y2S	1	5	5	5	22	42.033	342040000	296650000	192290000	266880000	566340000	0
sp Q9Y2T AP3M1	sp Q9Y2T	2	4	4	4	13	46.939	205060000	245490000	261610000	210120000	299870000	309750000
sp Q9Y2T GDA	sp Q9Y2T	1	4	4	4	9.7	51.002	0	85146000	0	0	0	0
sp Q9Y2U LEMD3	sp Q9Y2U	1	5	5	5	8.7	99.996	187500000	251790000	185940000	266260000	277370000	190120000
sp Q9Y2V CARHSP1	sp Q9Y2V	1	6	6	6	71	15.892	1377800000	674420000	622220000	708050000	664500000	779990000
sp Q9Y2V THRAP3	sp Q9Y2V	1	21	21	20	25	108.66	3085300000	3299700000	3186400000	2990400000	3537000000	3185600000
sp Q9Y2V WBP11	sp Q9Y2V	1	15	15	15	31	69.997	1863200000	1732400000	1637100000	1485700000	1535600000	1669300000
sp Q9Y2X NOP58	sp Q9Y2X	1	18	18	18	46	59.578	3264100000	3246100000	3329000000	4110400000	3928200000	3222000000
sp Q9Y2X GIT1	sp Q9Y2X	1	3	2	2	6	84.34	731840000	728760000	530960000	0	550920000	659950000
sp Q9Y2X ZNF281	sp Q9Y2X	1	4	4	4	8.4	96.914	0	0	738410000	471020000	488890000	0
sp Q9Y2Z SUGT1	sp Q9Y2Z	1	15	15	15	49	41.024	2259700000	2378700000	2494900000	2415200000	2444200000	2468800000
sp Q9Y2Z YARS2	sp Q9Y2Z	1	7	7	7	28	53.198	709040000	719510000	612170000	780700000	768710000	769630000
sp Q9Y30 AMDHD2	sp Q9Y30	1	1	1	1	2.9	43.747	0	0	0	0	21359000	0
sp Q9Y30 ACOT9	sp Q9Y30	1	12	12	12	33	49.901	1282300000	1240000000	1443300000	1474800000	1485100000	1374100000
sp Q9Y31 AAR2	sp Q9Y31	1	6	6	6	27	43.472	207720000	173220000	188960000	233540000	233030000	185040000
sp Q9Y31 NOSIP	sp Q9Y31	1	6	6	6	28	33.172	527990000	622420000	510110000	585540000	567010000	613170000
sp Q9Y31 DERA	sp Q9Y31	1	2	2	2	7.5	35.23	69978000	62691000	58464000	0	51746000	34100000
sp Q9Y31 MEMO1	sp Q9Y31	1	7	7	7	37	33.733	305260000	291030000	244300000	313240000	210290000	199180000
sp Q9Y32 TMX2	sp Q9Y32	1	3	3	3	14	34.037	0	0	0	173830000	0	0
sp Q9Y33 LSM2	sp Q9Y33	1	2	2	2	40	10.834	547610000	740800000	408680000	499350000	219640000	758560000
sp Q9Y37 SH3GLB1	sp Q9Y37	1	5	5	5	23	40.796	130810000	141370000	138500000	139730000	162750000	119180000
sp Q9Y37 NDUFAB1	sp Q9Y37	1	1	1	1	7	37.763	0	0	0	0	32720000	0
sp Q9Y37 CAB39	sp Q9Y37	2	6	6	6	15	39.869	321750000	290840000	264250000	315360000	188260000	170530000
sp Q9Y38 LUC7L2	sp Q9Y38	1	16	16	11	38	46.513	4030400000	4613000000	4104200000	3489400000	4294000000	3451000000
sp Q9Y39 DHRS7	sp Q9Y39	1	2	2	2	16	38.298	122960000	90386000	0	0	136080000	130540000
sp Q9Y39 MRPS2	sp Q9Y39	1	6	6	6	31	33.249	264610000	271170000	247610000	214760000	209210000	205540000
sp Q9Y3A UTP11	sp Q9Y3A	1	3	3	3	12	30.446	48122000	32343000	0	0	108230000	62099000
sp Q9Y3A MOB4	sp Q9Y3A	1	6	6	6	54	26.032	286280000	298920000	255340000	268150000	374840000	389620000
sp Q9Y3A RRP7A	sp Q9Y3A	2	7	7	7	39	32.334	299650000	0	456670000	346050000	429430000	351870000
sp Q9Y3A SBDS	sp Q9Y3A	1	17	17	17	65	28.763	3899500000	3892600000	3764800000	3260500000	3636400000	3646900000
sp Q9Y3A TMED5	sp Q9Y3A	1	3	3	3	13	26.005	273010000	253740000	0	284150000	316110000	263950000

sp Q9Y3B EXOSC1	sp Q9Y3B	1	2	2	2	14	21.452	0	0	0	0	0	166070000
sp Q9Y3B TMED7	sp Q9Y3B	1	4	4	4	24	25.171	842440000	1118400000	689310000	1229700000	1262900000	1191000000
sp Q9Y3B SF3B6	sp Q9Y3B	1	3	3	3	26	14.585	808130000	616380000	633380000	510130000	542410000	860440000
sp Q9Y3B MRPL11	sp Q9Y3B	1	7	7	7	38	20.683	506360000	390100000	457000000	399120000	446790000	460140000
sp Q9Y3B REXO2	sp Q9Y3B	1	7	7	7	35	26.832	524380000	397570000	611940000	491660000	427360000	467100000
sp Q9Y3B RRP15	sp Q9Y3B	1	6	6	6	21	31.484	283730000	198150000	257450000	315430000	340410000	273640000
sp Q9Y3C NOP16	sp Q9Y3C	1	5	5	5	28	21.188	385240000	408170000	281470000	405470000	385540000	454970000
sp Q9Y3C TPRKB	sp Q9Y3C	1	1	1	1	10	19.661	0	0	0	0	0	7965000
sp Q9Y3C PPIL1	sp Q9Y3C	1	4	4	4	30	18.237	1069100000	646120000	747290000	798540000	656800000	613010000
sp Q9Y3C MED31	sp Q9Y3C	1	1	1	1	13	15.805	0	0	0	0	0	30909000
sp Q9Y3C UFC1	sp Q9Y3C	1	4	4	4	22	19.458	279790000	469800000	320260000	299620000	337690000	336060000
sp Q9Y3D FAM96B	sp Q9Y3D	1	3	3	3	30	17.663	132410000	212220000	170660000	0	0	190960000
sp Q9Y3D MRPS16	sp Q9Y3D	1	1	1	1	13	15.345	0	0	0	0	0	23646000
sp Q9Y3D FIS1	sp Q9Y3D	1	4	4	4	34	16.937	519880000	585470000	765170000	550680000	509880000	296080000
sp Q9Y3D PAM16	sp Q9Y3D	1	2	2	2	25	13.825	198220000	285230000	254760000	381550000	318310000	287360000
sp Q9Y3D AK6	sp Q9Y3D	1	5	5	5	41	20.061	233830000	237900000	267150000	244890000	201130000	220130000
sp Q9Y3D MRPS23	sp Q9Y3D	1	6	6	6	36	21.77	428290000	245030000	215530000	291370000	370470000	520540000
sp Q9Y3E GOLT1B	sp Q9Y3E	1	1	1	1	6.5	15.425	0	0	0	0	0	58315000
sp Q9Y3E HDGFL3	sp Q9Y3E	1	2	1	1	12	22.619	0	0	0	0	45184000	0
sp Q9Y3E PTRH2	sp Q9Y3E	1	5	5	5	44	19.193	1012400000	929530000	929600000	953980000	1137300000	857680000
sp Q9Y3F STRAP	sp Q9Y3F	1	19	19	19	71	38.438	6084700000	6325500000	5449100000	5851000000	7289700000	5657100000
sp Q9Y3I RTCB	sp Q9Y3I	1	20	20	20	51	55.21	5316900000	4781600000	5557100000	5439200000	5863100000	5561200000
sp Q9Y3I FBXO7	sp Q9Y3I	1	4	4	4	11	58.502	118790000	104660000	106820000	101000000	133070000	97043000
sp Q9Y3L RAP2C	sp Q9Y3L	2	5	5	3	40	20.745	149160000	432610000	200950000	313890000	219340000	238540000
sp Q9Y3P RABGAP	sp Q9Y3P	1	7	7	6	9	121.74	0	90632000	145820000	110770000	130090000	198450000
sp Q9Y3T NOC2L	sp Q9Y3T	1	8	8	8	11	84.918	434390000	347360000	376850000	552240000	406790000	367180000
sp Q9Y3U RPL36	sp Q9Y3U	1	5	5	5	31	12.254	6819900000	4839800000	6216500000	6570500000	7224700000	6674000000
sp Q9Y3Y CHTOP	sp Q9Y3Y	1	5	5	5	24	26.396	813280000	883770000	713350000	1106700000	854910000	863250000
sp Q9Y3Z SAMHD1	sp Q9Y3Z	1	8	8	8	16	72.2	300570000	392970000	325150000	351610000	267210000	235100000
sp Q9Y44 KNSTRN	sp Q9Y44	1	2	2	2	11	35.438	127280000	122310000	138570000	206610000	136880000	119200000
sp Q9Y45 HBS1L	sp Q9Y45	1	8	8	8	17	75.472	414430000	603900000	295470000	369940000	572540000	430450000
sp Q9Y49 TLN1	sp Q9Y49	1	##	112	99	66	269.76	3.0492E+10	2.8656E+10	2.7683E+10	26700000000	29961000000	2.8885E+10
sp Q9Y4A TRRAP	sp Q9Y4A	1	1	1	1	0.3	437.6	0	0	0	0	58458000	0
sp Q9Y4C TCAF1	sp Q9Y4C	1	6	6	6	8.7	102.12	180650000	0	190220000	190070000	0	0
sp Q9Y4C RBM19	sp Q9Y4C	1	2	2	2	3	107.33	0	0	0	0	101670000	0
sp Q9Y4E USP15	sp Q9Y4E	1	7	7	7	12	112.42	374750000	296270000	401430000	376100000	447730000	310970000
sp Q9Y4G TLN2	sp Q9Y4G	1	15	2	2	5.8	271.61	107340000	112430000	96645000	0	0	0
sp Q9Y4H IRS2	sp Q9Y4H	1	2	2	2	3.3	137.33	0	0	0	0	39178000	0
sp Q9Y4I MYO5A	sp Q9Y4I	2	2	2	2	1.4	215.4	0	0	0	29563000	0	0

sp Q9Y4K CRYBG1	sp Q9Y4K	1	1	1	1	0.7	188.67	0	0	0	0	0	730730000
sp Q9Y4L HYOU1	sp Q9Y4L	2	29	29	29	36	111.33	3348200000	3321300000	3516300000	3726000000	3991100000	3779400000
sp Q9Y4P ATG4B	sp Q9Y4P	1	5	5	5	21	44.294	124700000	147300000	159410000	133200000	172690000	168140000
sp Q9Y4P TBL2	sp Q9Y4P	1	10	10	10	30	49.797	620100000	523880000	508700000	758580000	705300000	532720000
sp Q9Y4R TELO2	sp Q9Y4R	1	5	5	5	7	91.746	60693000	71056000	97861000	58158000	59794000	59274000
sp Q9Y4V LAS1L	sp Q9Y4V	1	11	11	11	26	83.064	487330000	476570000	453610000	544630000	497280000	506020000
sp Q9Y4V AFG3L2	sp Q9Y4V	1	15	15	15	22	88.583	709900000	920930000	698060000	730420000	936710000	685940000
sp Q9Y4X KLF12	sp Q9Y4X	1	1	1	1	4.7	44.239	0	0	0	57254000	0	0
sp Q9Y4X ARIH1	sp Q9Y4X	1	9	9	9	28	64.117	408750000	560020000	445440000	442220000	337450000	260170000
sp Q9Y4Y LSM5	sp Q9Y4Y	1	2	2	2	46	9.9374	533450000	557960000	562810000	481380000	925740000	468110000
sp Q9Y4Z LSM4	sp Q9Y4Z	1	3	3	3	17	15.35	243140000	0	0	322790000	254050000	255040000
sp Q9Y50 RNF114	sp Q9Y50	1	7	7	7	40	25.694	455720000	290340000	331800000	327940000	435140000	420170000
sp Q9Y51 SAMM50	sp Q9Y51	1	14	14	14	41	51.976	932440000	900310000	824670000	861520000	946920000	965860000
sp Q9Y52 PRRC2C	sp Q9Y52	1	22	22	21	12	316.91	1173200000	1168700000	1185200000	1345800000	1079700000	1316000000
sp Q9Y54 HSPB11	sp Q9Y54	1	2	2	2	25	16.297	616590000	481060000	650820000	687800000	479600000	362800000
sp Q9Y57 PPME1	sp Q9Y57	1	15	15	15	48	42.315	1062600000	1005400000	842140000	847140000	992220000	758590000
sp Q9Y5A YTHDF2	sp Q9Y5A	1	12	12	7	24	62.333	1578800000	1526300000	1406000000	1324800000	1512100000	1213900000
sp Q9Y5B CTDP1	sp Q9Y5B	1	3	3	3	4.4	104.4	22969000	0	488560000	0	0	0
sp Q9Y5B PAXBP1	sp Q9Y5B	1	1	1	1	1.6	104.8	0	0	0	0	0	26889000
sp Q9Y5B NME7	sp Q9Y5B	1	1	1	1	2.9	42.491	0	0	0	0	0	46757000
sp Q9Y5B SUPT16H	sp Q9Y5B	1	30	30	30	36	119.91	5662400000	5219500000	4890700000	4944700000	4969900000	5598100000
sp Q9Y5J UTP18	sp Q9Y5J	1	8	8	8	21	62.003	483210000	395580000	414740000	332900000	359460000	447380000
sp Q9Y5J TIMM9	sp Q9Y5J	1	2	2	2	35	10.378	373410000	494330000	380710000	507400000	336390000	448890000
sp Q9Y5J TIMM8B	sp Q9Y5J	1	1	1	1	13	9.3435	0	0	0	0	0	66334000
sp Q9Y5K UCHL5	sp Q9Y5K	1	11	11	11	47	37.606	1150700000	1067100000	1130700000	1013500000	966740000	1201400000
sp Q9Y5K CD2AP	sp Q9Y5K	1	10	10	10	23	71.45	778980000	773070000	603840000	548850000	612140000	660530000
sp Q9Y5K ATP6V1D	sp Q9Y5K	1	5	5	5	32	28.262	254240000	253250000	218010000	211260000	241650000	225360000
sp Q9Y5L TNPO3	sp Q9Y5L	1	10	10	10	15	104.2	647510000	725620000	814030000	541140000	722530000	592280000
sp Q9Y5L TIMM13	sp Q9Y5L	1	4	4	4	58	10.5	703950000	672390000	810930000	683460000	785910000	475500000
sp Q9Y5M SRPRB	sp Q9Y5M	1	10	10	10	43	29.702	1421900000	1587900000	1362000000	2053700000	2525200000	2320300000
sp Q9Y5P COL4A3B	sp Q9Y5P	1	3	3	3	6.6	70.834	0	105500000	92210000	80455000	67913000	0
sp Q9Y5P GMPPB	sp Q9Y5P	1	4	4	4	17	39.834	376670000	358410000	429090000	399880000	306530000	294900000
sp Q9Y5Q GTF3C5	sp Q9Y5Q	1	6	6	6	16	59.57	307070000	188370000	228030000	227410000	274830000	274050000
sp Q9Y5Q GTF3C3	sp Q9Y5Q	1	8	8	8	16	101.27	157560000	144260000	176390000	113750000	165870000	165090000
sp Q9Y5R TRAPPC1	sp Q9Y5R	1	1	1	1	11	16.831	0	0	0	0	0	68380000
sp Q9Y5S CDC42BP	sp Q9Y5S	1	3	2	2	1.6	194.31	0	0	0	0	52868000	0
sp Q9Y5S RBM8A	sp Q9Y5S	1	6	6	6	47	19.889	1960700000	2107900000	1981400000	1614300000	2253900000	2148500000
sp Q9Y5T USP16	sp Q9Y5T	1	3	3	3	5	93.569	0	285110000	234980000	0	0	0
sp Q9Y5U TSSC4	sp Q9Y5U	1	2	2	2	7.3	34.325	83203000	0	0	0	82333000	72261000

sp Q9Y5U IER3IP1	sp Q9Y5U	1	2	2	2	34	8.9687	422000000	469650000	657620000	514230000	730250000	523530000
sp Q9Y5X SNX9	sp Q9Y5X	1	4	4	4	12	66.591	670310000	722740000	568240000	424740000	156880000	335030000
sp Q9Y5X SNX8	sp Q9Y5X	1	1	1	1	2.8	52.569	0	0	0	0	0	26317000
sp Q9Y5X SNX5	sp Q9Y5X	1	3	3	3	9.9	46.816	0	0	0	0	0	35059000
sp Q9Y5Y NUBP2	sp Q9Y5Y	1	8	8	8	47	28.825	651120000	881370000	642780000	724840000	665270000	624240000
sp Q9Y5Z HEBP2	sp Q9Y5Z	1	1	1	1	6.3	22.875	0	0	0	0	0	14391000
sp Q9Y60 MRFAP1	sp Q9Y60	2	2	2	2	28	14.649	240950000	0	191640000	166320000	212950000	194470000
sp Q9Y60 PUS1	sp Q9Y60	1	5	5	5	14	47.47	180990000	145090000	116060000	132520000	192860000	200550000
sp Q9Y60 LRRFIP2	sp Q9Y60	1	5	4	4	8.5	82.17	0	146270000	292020000	147150000	0	0
sp Q9Y61 FHOD1	sp Q9Y61	1	5	5	5	8.5	126.55	107830000	141310000	128480000	0	130870000	150730000
sp Q9Y61 PSAT1	sp Q9Y61	1	17	17	17	49	40.422	4285700000	4177300000	4619900000	4954200000	5170800000	4482900000
sp Q9Y61 NCOR2	sp Q9Y61	1	6	6	6	4	274.8	0	116410000	157230000	0	0	0
sp Q9Y63 NPTN	sp Q9Y63	1	6	6	6	18	44.387	902630000	525090000	1033900000	719970000	657510000	621390000
sp Q9Y65 ADGRG1	sp Q9Y65	1	3	3	3	5.6	77.737	0	0	0	172580000	201950000	0
sp Q9Y65 SPIN1	sp Q9Y65	2	3	3	3	17	29.6	0	0	0	183740000	0	134520000
sp Q9Y67 ALG5	sp Q9Y67	1	4	4	4	17	36.946	0	0	146460000	158600000	183800000	0
sp Q9Y67 MRPS18E	sp Q9Y67	1	5	5	5	32	29.395	350440000	602070000	228280000	500800000	453110000	501750000
sp Q9Y67 COPG1	sp Q9Y67	1	29	29	25	46	97.717	4254100000	4708500000	3936800000	4550700000	4368300000	4163400000
sp Q9Y67 AUP1	sp Q9Y67	1	4	4	4	12	53.028	269710000	188590000	276930000	245450000	239980000	321000000
sp Q9Y69 CLIC4	sp Q9Y69	1	12	12	12	61	28.772	2558100000	2665700000	2650700000	2893600000	2551400000	3016700000
sp Q9Y69 NFS1	sp Q9Y69	1	6	6	6	21	50.195	462210000	289100000	356620000	367650000	452680000	371300000
sp Q9Y6A CFAP20	sp Q9Y6A	1	4	4	4	25	22.774	146700000	337150000	0	252060000	0	118830000
sp Q9Y6A TACC3	sp Q9Y6A	1	5	5	5	10	90.359	174790000	222270000	203680000	156350000	158000000	256950000
sp Q9Y6A SPCS1	sp Q9Y6A	1	3	3	3	31	11.805	488270000	536480000	292660000	818410000	905070000	493300000
sp Q9Y6B SAR1B	sp Q9Y6B	1	7	4	4	39	22.41	573160000	433370000	542810000	490040000	636320000	552610000
sp Q9Y6C MTCH2	sp Q9Y6C	1	11	11	11	51	33.331	3173800000	3861500000	3221200000	3808000000	3218400000	3469800000
sp Q9Y6D ARFGEF2	sp Q9Y6D	1	8	8	6	5.9	202.04	192390000	167170000	161190000	146960000	164700000	214380000
sp Q9Y6D MAD1L1	sp Q9Y6D	1	8	8	8	19	83.066	257740000	184100000	215080000	301280000	231230000	216560000
sp Q9Y6E STK24	sp Q9Y6E	1	7	2	2	15	49.307	165020000	131260000	0	111780000	117530000	126730000
sp Q9Y6E BZW2	sp Q9Y6E	1	16	16	15	35	48.162	2773700000	2325300000	2595400000	2591700000	2833300000	2101600000
sp Q9Y6G MRPL42	sp Q9Y6G	1	3	3	3	37	16.661	0	0	0	0	196700000	0
sp Q9Y6G COMMD1	sp Q9Y6G	1	2	2	2	12	22.966	0	0	0	0	0	6005800
sp Q9Y6G DYNC1LI	sp Q9Y6G	1	13	13	12	32	56.578	985580000	945420000	1072100000	833430000	989870000	861230000
sp Q9Y6H CHCHD2	sp Q9Y6H	2	3	3	3	31	15.512	1459700000	1032900000	1077800000	591560000	609850000	560300000
sp Q9Y6I EPN1	sp Q9Y6I	2	6	6	6	16	60.293	270640000	283970000	298700000	261730000	280580000	303210000
sp Q9Y6I TEX264	sp Q9Y6I	1	1	1	1	7.7	34.188	0	0	0	0	0	10396000
sp Q9Y6K CEPT1	sp Q9Y6K	1	1	1	1	2.6	46.553	0	0	0	0	0	53406000
sp Q9Y6K OAS3	sp Q9Y6K	1	6	6	6	9	121.17	221130000	270750000	315940000	411550000	297140000	203130000
sp Q9Y6K IKBKG	sp Q9Y6K	1	5	5	5	16	48.197	230030000	209070000	214050000	0	272470000	187770000

sp Q9Y6M SLC30A1	sp Q9Y6M	1	5	5	5	18	55.299	526320000	586700000	308250000	540240000	597190000	645340000
sp Q9Y6M SLC4A7	sp Q9Y6M	1	1	1	1	1.4	136.04	0	0	0	0	0	16348000
sp Q9Y6M NDUFB9	sp Q9Y6M	1	3	3	3	18	21.831	0	0	300400000	0	0	0
sp Q9Y6N SQOR	sp Q9Y6N	1	10	10	10	28	49.96	525770000	475000000	485640000	553330000	618280000	565350000
sp Q9Y6N ROBO1	sp Q9Y6N	1	3	3	3	2.8	180.93	0	88841000	160870000	0	131720000	0
sp Q9Y6Q CAPN6	sp Q9Y6Q	1	1	1	1	1.2	74.576	0	0	0	0	0	164440000
sp Q9Y6V DDX49	sp Q9Y6V	1	2	2	2	8.1	54.226	0	0	0	0	0	100050000
sp Q9Y6V WASF2	sp Q9Y6V	1	3	3	3	8	54.283	115390000	103600000	0	111590000	0	0
sp Q9Y6X MAU2	sp Q9Y6X	1	1	1	1	3.1	69.081	0	0	0	0	0	14853000
sp Q9Y6Y IVNS1AB1	sp Q9Y6Y	1	3	3	3	6.5	71.729	0	0	0	0	0	65422000
sp Q9Y6Y SEC23IP	sp Q9Y6Y	1	14	14	14	17	111.08	649850000	945080000	624330000	759050000	740010000	801280000