

Category	Term	Count	%	PValue	Genes	List Total	Pop Hits	Pop Total
GOTERM_	GO:004212	25	45.45455	3.96E-16	CAV1, CCL	55	787	13528
GOTERM_	GO:004298	22	40	1.12E-12	PRKCA, IL4	55	804	13528
GOTERM_	GO:004306	22	40	1.35E-12	PRKCA, IL4	55	812	13528
GOTERM_	GO:001094	22	40	1.45E-12	PRKCA, IL4	55	815	13528
GOTERM_	GO:000828	17	30.90909	3.23E-12	PRKCA, IL4	55	414	13528
GOTERM_	GO:001003	20	36.36364	1.60E-11	PRKCA, CA	55	721	13528
GOTERM_	GO:004854	12	21.81818	1.99E-10	PRKCA, FO	55	192	13528
GOTERM_	GO:000971	15	27.27273	4.05E-10	PRKCA, CA	55	405	13528
GOTERM_	GO:005138	9	16.36364	7.11E-10	PRKCA, FO	55	78	13528
GOTERM_	GO:000972	14	25.45455	1.41E-09	PRKCA, CA	55	367	13528
GOTERM_	GO:003196	9	16.36364	1.43E-09	PRKCA, FO	55	85	13528
GOTERM_	GO:001060	19	34.54545	2.50E-09	PRKCA, E2F	55	857	13528
GOTERM_	GO:004259	18	32.72727	2.56E-09	PRKCA, CA	55	751	13528
GOTERM_	GO:001064	13	23.63636	4.81E-09	IL4, ADRB2	55	329	13528
GOTERM_	GO:005172	13	23.63636	5.15E-09	E2F1, CDK1	55	331	13528
GOTERM_	GO:004887	15	27.27273	8.36E-09	PRKCA, CA	55	512	13528
GOTERM_	GO:004306	13	23.63636	1.09E-08	IL4, CDK1,	55	354	13528
GOTERM_	GO:004249	11	20	1.13E-08	FOS, CAV1	55	216	13528
GOTERM_	GO:004306	13	23.63636	1.28E-08	IL4, CDK1,	55	359	13528
GOTERM_	GO:006054	13	23.63636	1.32E-08	IL4, CDK1,	55	360	13528
GOTERM_	GO:001407	9	16.36364	2.39E-08	PRKCA, FO	55	121	13528
GOTERM_	GO:003409	8	14.54545	2.51E-08	PRKCA, FO	55	79	13528
GOTERM_	GO:004409	15	27.27273	4.58E-08	IL4, CDK1,	55	586	13528
GOTERM_	GO:004866	6	10.90909	1.32E-07	PRKCA, IL6	55	31	13528
GOTERM_	GO:000724	20	36.36364	1.66E-07	PRKCA, CD	55	1256	13528
GOTERM_	GO:003210	9	16.36364	2.01E-07	PRKCA, AD	55	159	13528
GOTERM_	GO:000996	11	20	2.14E-07	IL4, ADRB2	55	295	13528
GOTERM_	GO:004405	11	20	3.28E-07	PRKCA, AD	55	309	13528
GOTERM_	GO:000694	6	10.90909	3.81E-07	ADRB2, CA	55	38	13528
GOTERM_	GO:000693	7	12.72727	3.88E-07	PRKCA, AD	55	72	13528
GOTERM_	GO:000691	14	25.45455	4.85E-07	E2F1, E2F2	55	602	13528
GOTERM_	GO:000821	15	27.27273	5.65E-07	E2F1, E2F2	55	719	13528
GOTERM_	GO:001250	14	25.45455	5.75E-07	E2F1, E2F2	55	611	13528
GOTERM_	GO:001626	15	27.27273	6.14E-07	E2F1, E2F2	55	724	13528
GOTERM_	GO:000301	9	16.36364	6.66E-07	ADRB2, CA	55	186	13528
GOTERM_	GO:000801	9	16.36364	6.66E-07	ADRB2, CA	55	186	13528
GOTERM_	GO:004306	12	21.81818	8.22E-07	PRKCA, AC	55	430	13528
GOTERM_	GO:004306	12	21.81818	8.80E-07	PRKCA, AC	55	433	13528
GOTERM_	GO:000961	13	23.63636	8.81E-07	CCNB1, FC	55	530	13528
GOTERM_	GO:001094	12	21.81818	9.21E-07	PRKCA, AC	55	435	13528
GOTERM_	GO:004866	6	10.90909	1.02E-06	PRKCA, IL6	55	46	13528
GOTERM_	GO:000828	11	20	1.36E-06	PRKCA, CA	55	361	13528
GOTERM_	GO:001003	9	16.36364	1.39E-06	PRKCA, FO	55	205	13528
GOTERM_	GO:004594	13	23.63636	1.69E-06	E2F1, IL4, I	55	564	13528
GOTERM_	GO:004594	11	20	1.74E-06	E2F1, IL4, F	55	371	13528
GOTERM_	GO:000687	11	20	1.87E-06	PRKCA, CA	55	374	13528
GOTERM_	GO:005508	11	20	2.16E-06	PRKCA, CA	55	380	13528
GOTERM_	GO:001062	13	23.63636	2.31E-06	E2F1, IL4, I	55	581	13528
GOTERM_	GO:000999	9	16.36364	2.36E-06	FOS, CAV1	55	220	13528
GOTERM_	GO:000961	6	10.90909	2.74E-06	PRKCA, FO	55	56	13528
GOTERM_	GO:005132	7	12.72727	3.23E-06	E2F1, CCN	55	103	13528
GOTERM_	GO:005124	8	14.54545	3.71E-06	PRKCA, AC	55	164	13528
GOTERM_	GO:005132	7	12.72727	3.82E-06	E2F1, CCN	55	106	13528
GOTERM_	GO:005080	11	20	4.16E-06	PRKCA, CA	55	409	13528
GOTERM_	GO:001074	8	14.54545	4.19E-06	IL4, ADRB2	55	167	13528
GOTERM_	GO:000756	7	12.72727	4.74E-06	PRKCA, FO	55	110	13528
GOTERM_	GO:004593	13	23.63636	4.82E-06	E2F1, IL4, I	55	624	13528

GOTERM_!GO:005092	5	9.090909	5.00E-06	PRKCA, IL6	55	29	13528
GOTERM_!GO:005124	9	16.36364	5.08E-06	ADRB2, CA	55	244	13528
GOTERM_!GO:004308	12	21.81818	5.20E-06	CCNB1, CC	55	520	13528
GOTERM_!GO:001062	9	16.36364	5.89E-06	IL4, ADRB2	55	249	13528
GOTERM_!GO:005092	5	9.090909	6.59E-06	PRKCA, IL6	55	31	13528
GOTERM_!GO:005117	13	23.63636	6.66E-06	E2F1, IL4, I	55	644	13528
GOTERM_!GO:003109	6	10.90909	7.76E-06	CCNB1, CC	55	69	13528
GOTERM_!GO:001055	13	23.63636	7.79E-06	E2F1, IL4, I	55	654	13528
GOTERM_!GO:000704	14	25.45455	8.15E-06	E2F1, CDK:	55	776	13528
GOTERM_!GO:003140	8	14.54545	8.82E-06	PRKCA, CC	55	187	13528
GOTERM_!GO:004852	5	9.090909	9.62E-06	PRKCA, IL6	55	34	13528
GOTERM_!GO:003355	12	21.81818	1.16E-05	CDK1, FOS	55	566	13528
GOTERM_!GO:003166	8	14.54545	1.24E-05	CAV1, CCL	55	197	13528
GOTERM_!GO:003132	13	23.63636	1.24E-05	E2F1, IL4, I	55	685	13528
GOTERM_!GO:004232	11	20	1.31E-05	PRKCA, IL4	55	466	13528
GOTERM_!GO:001972	11	20	1.31E-05	PRKCA, CA	55	466	13528
GOTERM_!GO:000962	10	18.18182	1.33E-05	PRKCA, FO	55	368	13528
GOTERM_!GO:000027	10	18.18182	1.39E-05	E2F1, CCN	55	370	13528
GOTERM_!GO:000989	13	23.63636	1.44E-05	E2F1, IL4, I	55	695	13528
GOTERM_!GO:005105	7	12.72727	1.54E-05	PRKCA, AD	55	135	13528
GOTERM_!GO:004589	11	20	1.60E-05	E2F1, IL4, F	55	477	13528
GOTERM_!GO:000691	8	14.54545	1.66E-05	CDK1, CCL	55	206	13528
GOTERM_!GO:005125	11	20	1.72E-05	E2F1, IL4, F	55	481	13528
GOTERM_!GO:005117	11	20	1.85E-05	PRKCA, IL4	55	485	13528
GOTERM_!GO:001922	11	20	1.85E-05	PRKCA, IL4	55	485	13528
GOTERM_!GO:000758	7	12.72727	1.89E-05	CAV1, CCL	55	140	13528
GOTERM_!GO:003139	9	16.36364	2.02E-05	PRKCA, CC	55	295	13528
GOTERM_!GO:000223	6	10.90909	2.29E-05	FOS, IL6, C	55	86	13528
GOTERM_!GO:006042	8	14.54545	3.09E-05	PGR, CASP	55	227	13528
GOTERM_!GO:005141	4	7.272727	3.25E-05	PRKCA, FO	55	16	13528
GOTERM_!GO:002261	4	7.272727	3.25E-05	CAV1, ERB	55	16	13528
GOTERM_!GO:004343	7	12.72727	3.25E-05	PRKCA, ER	55	154	13528
GOTERM_!GO:005079	5	9.090909	3.27E-05	PRKCA, IL6	55	46	13528
GOTERM_!GO:003227	8	14.54545	3.65E-05	PRKCA, CC	55	233	13528
GOTERM_!GO:004001	6	10.90909	4.30E-05	PRKCA, IL6	55	98	13528
GOTERM_!GO:000697	7	12.72727	4.62E-05	PRKCA, FO	55	164	13528
GOTERM_!GO:005124	8	14.54545	4.77E-05	PRKCA, CC	55	243	13528
GOTERM_!GO:004409	9	16.36364	4.91E-05	PRKCA, AD	55	334	13528
GOTERM_!GO:002170	6	10.90909	4.97E-05	CCNB1, PC	55	101	13528
GOTERM_!GO:000646	12	21.81818	5.30E-05	PRKCA, CD	55	667	13528
GOTERM_!GO:005092	4	7.272727	5.57E-05	PRKCA, F3,	55	19	13528
GOTERM_!GO:005140	4	7.272727	5.57E-05	CASP3, ERI	55	19	13528
GOTERM_!GO:005092	4	7.272727	5.57E-05	PRKCA, F3,	55	19	13528
GOTERM_!GO:004362	6	10.90909	5.98E-05	PRKCA, CA	55	105	13528
GOTERM_!GO:003257	4	7.272727	6.53E-05	FOS, CAV1	55	20	13528
GOTERM_!GO:005138	4	7.272727	6.53E-05	PRKCA, FO	55	20	13528
GOTERM_!GO:004877	5	9.090909	7.14E-05	ADRB2, CA	55	56	13528
GOTERM_!GO:000008	4	7.272727	7.60E-05	CCNB1, BIF	55	21	13528
GOTERM_!GO:003210	5	9.090909	1.21E-04	PRKCA, IL6	55	64	13528
GOTERM_!GO:000687	7	12.72727	1.24E-04	PRKCA, CA	55	196	13528
GOTERM_!GO:003327	5	9.090909	1.36E-04	CCL2, PTG:	55	66	13528
GOTERM_!GO:006053	6	10.90909	1.37E-04	CAV1, ERB	55	125	13528
GOTERM_!GO:004851	6	10.90909	1.53E-04	PGR, ERBB:	55	128	13528
GOTERM_!GO:006005	3	5.454545	1.55E-04	CAV1, ERB	55	5	13528
GOTERM_!GO:005506	7	12.72727	1.59E-04	PRKCA, CA	55	205	13528
GOTERM_!GO:005192	5	9.090909	1.62E-04	ADRB2, CA	55	69	13528
GOTERM_!GO:004239	6	10.90909	1.90E-04	CAV1, JUN	55	134	13528
GOTERM_!GO:004873	6	10.90909	1.96E-04	PGR, CAV1	55	135	13528

GOTERM_!GO:003085	6	10.90909	2.10E-04	PGR, CASP	55	137	13528
GOTERM_!GO:002240	9	16.36364	2.18E-04	E2F1, CCN	55	414	13528
GOTERM_!GO:000030	5	9.090909	2.23E-04	PRKCA, FO	55	75	13528
GOTERM_!GO:006044	3	5.454545	2.32E-04	CAV1, ERB	55	6	13528
GOTERM_!GO:005072	5	9.090909	2.35E-04	PRKCA, AD	55	76	13528
GOTERM_!GO:003249	5	9.090909	2.47E-04	FOS, CCL2,	55	77	13528
GOTERM_!GO:000801	5	9.090909	2.47E-04	PRKCA, AD	55	77	13528
GOTERM_!GO:001631	12	21.81818	2.66E-04	PRKCA, CD	55	800	13528
GOTERM_!GO:000193	4	7.272727	2.75E-04	CAV1, CCL	55	32	13528
GOTERM_!GO:004277	5	9.090909	2.86E-04	CDK1, TP6:	55	80	13528
GOTERM_!GO:001095	5	9.090909	3.00E-04	ADRB2, CA	55	81	13528
GOTERM_!GO:001922	4	7.272727	3.30E-04	CAV1, PTG	55	34	13528
GOTERM_!GO:000926	5	9.090909	3.30E-04	FOS, ADRE	55	83	13528
GOTERM_!GO:001993	7	12.72727	3.32E-04	ADRB2, CC	55	235	13528
GOTERM_!GO:005109	6	10.90909	3.51E-04	IL4, ADRB2	55	153	13528
GOTERM_!GO:002240	10	18.18182	3.59E-04	E2F1, CCN	55	565	13528
GOTERM_!GO:004887	5	9.090909	3.61E-04	ADRB2, PT	55	85	13528
GOTERM_!GO:000679	13	23.63636	3.65E-04	PRKCA, CD	55	973	13528
GOTERM_!GO:000679	13	23.63636	3.65E-04	PRKCA, CD	55	973	13528
GOTERM_!GO:000193	5	9.090909	4.31E-04	PRKCA, IL4	55	89	13528
GOTERM_!GO:003033	5	9.090909	4.31E-04	IL6, BCL2, I	55	89	13528
GOTERM_!GO:000007	5	9.090909	4.69E-04	CDK1, BIRC	55	91	13528
GOTERM_!GO:003000	7	12.72727	5.01E-04	PRKCA, CA	55	254	13528
GOTERM_!GO:000761	9	16.36364	5.03E-04	PRKCA, IL4	55	469	13528
GOTERM_!GO:000635	11	20	5.25E-04	E2F1, IL4, F	55	727	13528
GOTERM_!GO:003226	9	16.36364	5.40E-04	PRKCA, CC	55	474	13528
GOTERM_!GO:004232	5	9.090909	5.97E-04	PRKCA, IL4	55	97	13528
GOTERM_!GO:000193	6	10.90909	6.15E-04	PRKCA, IL4	55	173	13528
GOTERM_!GO:005127	5	9.090909	6.20E-04	IL6, BCL2, I	55	98	13528
GOTERM_!GO:004326	5	9.090909	6.45E-04	ADRB2, CA	55	99	13528
GOTERM_!GO:003250	9	16.36364	6.45E-04	CCNB1, PG	55	487	13528
GOTERM_!GO:004860	9	16.36364	6.45E-04	CCNB1, PG	55	487	13528
GOTERM_!GO:005133	8	14.54545	6.54E-04	PRKCA, AD	55	372	13528
GOTERM_!GO:005189	4	7.272727	6.63E-04	CAV1, JUN	55	43	13528
GOTERM_!GO:000695	10	18.18182	6.65E-04	IL4, FOS, IL	55	615	13528
GOTERM_!GO:001056	5	9.090909	6.70E-04	PRKCA, IL4	55	100	13528
GOTERM_!GO:000821	5	9.090909	6.70E-04	ADRB2, PT	55	100	13528
GOTERM_!GO:004593	5	9.090909	6.70E-04	PRKCA, IL4	55	100	13528
GOTERM_!GO:003313	3	5.454545	6.90E-04	CAV1, IL6,	55	10	13528
GOTERM_!GO:004308	7	12.72727	7.90E-04	PRKCA, CA	55	277	13528
GOTERM_!GO:000687	6	10.90909	7.93E-04	PRKCA, CA	55	183	13528
GOTERM_!GO:005109	7	12.72727	8.05E-04	PRKCA, AD	55	278	13528
GOTERM_!GO:005507	6	10.90909	8.95E-04	PRKCA, CA	55	188	13528
GOTERM_!GO:000007	4	7.272727	9.16E-04	CDK1, CHE	55	48	13528
GOTERM_!GO:005508	7	12.72727	9.33E-04	PRKCA, CA	55	286	13528
GOTERM_!GO:004206	6	10.90909	9.61E-04	CCNB1, IL6	55	191	13528
GOTERM_!GO:004001	6	10.90909	9.84E-04	PRKCA, IL6	55	192	13528
GOTERM_!GO:005192	3	5.454545	0.001006	ADRB2, PT	55	12	13528
GOTERM_!GO:000961	6	10.90909	0.001007	FOS, IL6, C	55	193	13528
GOTERM_!GO:000635	17	30.90909	0.00111	E2F1, IL4, E	55	1773	13528
GOTERM_!GO:000718	5	9.090909	0.00113	ADRB2, CC	55	115	13528
GOTERM_!GO:003157	4	7.272727	0.001157	CDK1, CHE	55	52	13528
GOTERM_!GO:004590	3	5.454545	0.001186	CAV1, PTG	55	13	13528
GOTERM_!GO:004544	4	7.272727	0.001223	ADRB2, SLI	55	53	13528
GOTERM_!GO:001470	5	9.090909	0.001282	CAV1, ERB	55	119	13528
GOTERM_!GO:000862	4	7.272727	0.001291	PRKCA, CA	55	54	13528
GOTERM_!GO:003313	3	5.454545	0.00138	CAV1, IL6,	55	14	13528
GOTERM_!GO:005125	17	30.90909	0.001413	E2F1, IL4, E	55	1813	13528

GOTERM_!GO:000751	6	10.90909	0.001497	CAV1, ERB	55	211	13528
GOTERM_!GO:000268	3	5.454545	0.001588	IL6, VEGFA	55	15	13528
GOTERM_!GO:000193	3	5.454545	0.001588	CCL2, F3, \	55	15	13528
GOTERM_!GO:000301	4	7.272727	0.001589	ADRB2, CA	55	58	13528
GOTERM_!GO:000828	8	14.54545	0.001647	E2F1, CHRI	55	436	13528
GOTERM_!GO:001003	5	9.090909	0.001726	CAV1, PTG	55	129	13528
GOTERM_!GO:001993	5	9.090909	0.001776	ADRB2, CC	55	130	13528
GOTERM_!GO:000695	7	12.72727	0.001797	FOS, IL6, C	55	325	13528
GOTERM_!GO:005105	6	10.90909	0.001908	PRKCA, AC	55	223	13528
GOTERM_!GO:002260	4	7.272727	0.001925	PGR, BCL2,	55	62	13528
GOTERM_!GO:004212	4	7.272727	0.001925	IL4, CASP3	55	62	13528
GOTERM_!GO:003287	5	9.090909	0.001931	FOS, ERBB:	55	133	13528
GOTERM_!GO:000166	5	9.090909	0.001984	CAV1, CCL	55	134	13528
GOTERM_!GO:003087	4	7.272727	0.002016	PGR, CAV1	55	63	13528
GOTERM_!GO:000189	4	7.272727	0.002016	ADRB2, BC	55	63	13528
GOTERM_!GO:001024	4	7.272727	0.002016	CCL2, PTG:	55	63	13528
GOTERM_!GO:003000	6	10.90909	0.002063	PRKCA, CA	55	227	13528
GOTERM_!GO:000729	4	7.272727	0.002205	CCNB1, PG	55	65	13528
GOTERM_!GO:004866	7	12.72727	0.002222	PRKCA, IL6	55	339	13528
GOTERM_!GO:004598	3	5.454545	0.002297	PTGS2, CH	55	18	13528
GOTERM_!GO:000751	4	7.272727	0.002303	CAV1, ERB	55	66	13528
GOTERM_!GO:006053	4	7.272727	0.002303	CAV1, ERB	55	66	13528
GOTERM_!GO:000716	7	12.72727	0.002322	FOS, ADRE	55	342	13528
GOTERM_!GO:007048	5	9.090909	0.002388	CAV1, CCL	55	141	13528
GOTERM_!GO:004269	4	7.272727	0.002405	PGR, BCL2,	55	67	13528
GOTERM_!GO:004585	7	12.72727	0.002426	PRKCA, AC	55	345	13528
GOTERM_!GO:003286	4	7.272727	0.002509	ERBB3, RXF	55	68	13528
GOTERM_!GO:005073	4	7.272727	0.002509	PRKCA, IL4	55	68	13528
GOTERM_!GO:005506	6	10.90909	0.00258	PRKCA, CA	55	239	13528
GOTERM_!GO:004654	4	7.272727	0.002615	PGR, BCL2,	55	69	13528
GOTERM_!GO:004666	4	7.272727	0.002615	PGR, BCL2,	55	69	13528
GOTERM_!GO:004867	3	5.454545	0.002838	BCL2, ERBE	55	20	13528
GOTERM_!GO:000268	3	5.454545	0.002838	IL6, VEGFA	55	20	13528
GOTERM_!GO:004354	7	12.72727	0.002876	PRKCA, AC	55	357	13528
GOTERM_!GO:000183	3	5.454545	0.003128	CASP3, JUI	55	21	13528
GOTERM_!GO:004593	3	5.454545	0.003128	PTGS2, CH	55	21	13528
GOTERM_!GO:000940	3	5.454545	0.003128	FOS, ADRE	55	21	13528
GOTERM_!GO:000734	5	9.090909	0.003133	CDK1, BCL	55	152	13528
GOTERM_!GO:004846	4	7.272727	0.003314	CCNB1, PG	55	75	13528
GOTERM_!GO:000724	7	12.72727	0.003431	PRKCA, CA	55	370	13528
GOTERM_!GO:003117	6	10.90909	0.003466	PRKCA, IL6	55	256	13528
GOTERM_!GO:000697	7	12.72727	0.00357	CDK1, CAS	55	373	13528
GOTERM_!GO:004327	3	5.454545	0.00375	ADRB2, PT	55	23	13528
GOTERM_!GO:001033	3	5.454545	0.00375	CAV1, CCL	55	23	13528
GOTERM_!GO:004233	5	9.090909	0.003765	PRKCA, IL4	55	160	13528
GOTERM_!GO:000693	5	9.090909	0.003765	PRKCA, IL4	55	160	13528
GOTERM_!GO:000300	6	10.90909	0.003826	CCNB1, PG	55	262	13528
GOTERM_!GO:005087	3	5.454545	0.00408	ADRB2, SLI	55	24	13528
GOTERM_!GO:005067	4	7.272727	0.00441	IL4, CASP3	55	83	13528
GOTERM_!GO:007066	4	7.272727	0.00456	IL4, CASP3	55	84	13528
GOTERM_!GO:003294	4	7.272727	0.00456	IL4, CASP3	55	84	13528
GOTERM_!GO:003033	5	9.090909	0.004573	IL6, BCL2, I	55	169	13528
GOTERM_!GO:000718	4	7.272727	0.004714	ADRB2, PT	55	85	13528
GOTERM_!GO:003110	3	5.454545	0.00478	CCL2, PPAI	55	26	13528
GOTERM_!GO:005254	4	7.272727	0.004871	CAV1, F3, I	55	86	13528
GOTERM_!GO:000716	16	29.09091	0.004916	CCL2, PTG:	55	1856	13528
GOTERM_!GO:004801	4	7.272727	0.005194	PTGER3, CI	55	88	13528
GOTERM_!GO:001052	3	5.454545	0.005926	CAV1, BCL	55	29	13528

GOTERM_!GO:001993	4	7.272727	0.006424	ADRB2, PT	55	95	13528
GOTERM_!GO:005134	4	7.272727	0.006612	PRKCA, CA	55	96	13528
GOTERM_!GO:000863	3	5.454545	0.006753	CASP3, JUN	55	31	13528
GOTERM_!GO:004250	3	5.454545	0.006753	IL4, CAV1,	55	31	13528
GOTERM_!GO:004425	3	5.454545	0.006753	ACACA, M	55	31	13528
GOTERM_!GO:000193	3	5.454545	0.007185	PRKCA, CA	55	32	13528
GOTERM_!GO:005127	5	9.090909	0.007284	IL6, BCL2, F	55	193	13528
GOTERM_!GO:000740	5	9.090909	0.007284	PRKCA, ER	55	193	13528
GOTERM_!GO:004887	4	7.272727	0.0074	CASP3, IL6	55	100	13528
GOTERM_!GO:003286	4	7.272727	0.0074	ERBB3, RXR	55	100	13528
GOTERM_!GO:003018	7	12.72727	0.00773	PRKCA, IL6	55	438	13528
GOTERM_!GO:001064	2	3.636364	0.007968	F3, F7	55	2	13528
GOTERM_!GO:001064	2	3.636364	0.007968	F3, F7	55	2	13528
GOTERM_!GO:001060	9	16.36364	0.008216	E2F1, PRKC	55	734	13528
GOTERM_!GO:000931	5	9.090909	0.008239	FOS, CAV1	55	200	13528
GOTERM_!GO:006024	4	7.272727	0.008682	ADRB2, BC	55	106	13528
GOTERM_!GO:000691	6	10.90909	0.008803	PRKCA, CA	55	320	13528
GOTERM_!GO:001250	6	10.90909	0.008916	PRKCA, CA	55	321	13528
GOTERM_!GO:000177	3	5.454545	0.009033	CASP3, IL6	55	36	13528
GOTERM_!GO:004642	3	5.454545	0.009033	IL4, CAV1,	55	36	13528
GOTERM_!GO:004340	4	7.272727	0.009369	ADRB2, CA	55	109	13528
GOTERM_!GO:004423	3	5.454545	0.009525	ACACA, M	55	37	13528
GOTERM_!GO:003059	3	5.454545	0.009525	PRKCA, IL6	55	37	13528
GOTERM_!GO:004866	5	9.090909	0.009583	PRKCA, ER	55	209	13528
GOTERM_!GO:000756	4	7.272727	0.009605	FOS, PTGS	55	110	13528
GOTERM_!GO:004592	4	7.272727	0.009605	ADRB2, BC	55	110	13528
GOTERM_!GO:000761	4	7.272727	0.009844	PRKCA, FO	55	111	13528
GOTERM_!GO:000027	6	10.90909	0.009853	CCNB1, CC	55	329	13528
GOTERM_!GO:004544	19	34.54545	0.009894	E2F1, IL4, E	55	2601	13528
GOTERM_!GO:004881	5	9.090909	0.010224	PRKCA, ER	55	213	13528
GOTERM_!GO:006032	3	5.454545	0.010544	PRKCA, IL6	55	39	13528
GOTERM_!GO:000750	5	9.090909	0.010554	CASP3, ERI	55	215	13528
GOTERM_!GO:003284	4	7.272727	0.010583	CAV1, BCL	55	114	13528
GOTERM_!GO:005133	6	10.90909	0.010856	CAV1, PTG	55	337	13528
GOTERM_!GO:005086	4	7.272727	0.011353	IL4, CASP3	55	117	13528
GOTERM_!GO:000028	5	9.090909	0.011411	CCNB1, CC	55	220	13528
GOTERM_!GO:000706	5	9.090909	0.011411	CCNB1, CC	55	220	13528
GOTERM_!GO:003140	4	7.272727	0.011884	PRKCA, CA	55	119	13528
GOTERM_!GO:004864	2	3.636364	0.011928	ADRB2, BC	55	3	13528
GOTERM_!GO:000716	5	9.090909	0.012127	ADRB2, CC	55	224	13528
GOTERM_!GO:000008	5	9.090909	0.012127	CCNB1, CC	55	224	13528
GOTERM_!GO:005159	3	5.454545	0.012159	FOS, JUN, I	55	42	13528
GOTERM_!GO:002240	3	5.454545	0.012159	PTGS2, BCL	55	42	13528
GOTERM_!GO:000194	3	5.454545	0.012159	PTGS2, BCL	55	42	13528
GOTERM_!GO:002240	3	5.454545	0.012159	PTGS2, BCL	55	42	13528
GOTERM_!GO:005110	4	7.272727	0.01243	IL4, IL6, RU	55	121	13528
GOTERM_!GO:004230	3	5.454545	0.01272	PTGS2, BCL	55	43	13528
GOTERM_!GO:004263	3	5.454545	0.01272	PTGS2, BCL	55	43	13528
GOTERM_!GO:004828	5	9.090909	0.013063	CCNB1, CC	55	229	13528
GOTERM_!GO:004860	4	7.272727	0.013855	PGR, BCL2,	55	126	13528
GOTERM_!GO:004232	3	5.454545	0.013874	PRKCA, CA	55	45	13528
GOTERM_!GO:003523	4	7.272727	0.01415	BCL2, VEGI	55	127	13528
GOTERM_!GO:004513	4	7.272727	0.01415	PGR, BCL2,	55	127	13528
GOTERM_!GO:003009	5	9.090909	0.014449	IL4, BCL2, \	55	236	13528
GOTERM_!GO:004858	5	9.090909	0.014449	PRKCA, IL6	55	236	13528
GOTERM_!GO:001810	3	5.454545	0.014468	ERBB3, ERE	55	46	13528
GOTERM_!GO:000252	4	7.272727	0.015369	IL4, BCL2, F	55	131	13528
GOTERM_!GO:003003	6	10.90909	0.015405	PRKCA, IL6	55	368	13528

GOTERM_!GO:004593	3	5.454545	0.015689	PRKCA, CA	55	48	13528
GOTERM_!GO:001056	3	5.454545	0.015689	PRKCA, CA	55	48	13528
GOTERM_!GO:001821	3	5.454545	0.015689	ERBB3, ERF	55	48	13528
GOTERM_!GO:004341	3	5.454545	0.015689	ADRB2, IL6	55	48	13528
GOTERM_!GO:000709	2	3.636364	0.015873	CDK1, CCN	55	4	13528
GOTERM_!GO:000254	2	3.636364	0.015873	IL6, CCL2	55	4	13528
GOTERM_!GO:004584	2	3.636364	0.015873	ADRB2, BC	55	4	13528
GOTERM_!GO:004863	2	3.636364	0.015873	ADRB2, BC	55	4	13528
GOTERM_!GO:000090	5	9.090909	0.016144	PRKCA, ER	55	244	13528
GOTERM_!GO:003258	4	7.272727	0.016322	IL4, IL6, RX	55	134	13528
GOTERM_!GO:000156	5	9.090909	0.016364	CAV1, JUN	55	245	13528
GOTERM_!GO:004885	5	9.090909	0.016364	PRKCA, ER	55	245	13528
GOTERM_!GO:001064	5	9.090909	0.017036	PRKCA, AC	55	248	13528
GOTERM_!GO:005508	3	5.454545	0.017599	CAV1, PPA	55	51	13528
GOTERM_!GO:005086	3	5.454545	0.017599	IL4, CASP3	55	51	13528
GOTERM_!GO:000194	5	9.090909	0.017726	CAV1, JUN	55	251	13528
GOTERM_!GO:005087	4	7.272727	0.01867	IL6, PTGER	55	141	13528
GOTERM_!GO:004340	4	7.272727	0.01867	PRKCA, CA	55	141	13528
GOTERM_!GO:003299	5	9.090909	0.018913	PRKCA, ER	55	256	13528
GOTERM_!GO:003515	3	5.454545	0.018925	ADRB2, CA	55	53	13528
GOTERM_!GO:005088	3	5.454545	0.018925	ADRB2, CA	55	53	13528
GOTERM_!GO:003235	3	5.454545	0.019603	PRKCA, PT	55	54	13528
GOTERM_!GO:004848	2	3.636364	0.019803	ERBB2, TP6	55	5	13528
GOTERM_!GO:000759	2	3.636364	0.019803	F3, F7	55	5	13528
GOTERM_!GO:004853	5	9.090909	0.019898	IL4, BCL2, \	55	260	13528
GOTERM_!GO:004254	3	5.454545	0.02099	JUN, BCL2,	55	56	13528
GOTERM_!GO:005124	4	7.272727	0.021197	IL4, CASP3	55	148	13528
GOTERM_!GO:005090	3	5.454545	0.021698	PRKCA, IL6	55	57	13528
GOTERM_!GO:000754	4	7.272727	0.022335	PGR, BCL2,	55	151	13528
GOTERM_!GO:003164	4	7.272727	0.023112	ADRB2, CC	55	153	13528
GOTERM_!GO:000762	5	9.090909	0.023594	PRKCA, IL4	55	274	13528
GOTERM_!GO:003132	7	12.72727	0.023696	E2F1, PRKC	55	561	13528
GOTERM_!GO:006039	2	3.636364	0.023717	FOS, JUN	55	6	13528
GOTERM_!GO:000717	3	5.454545	0.023882	FOS, CCL2,	55	60	13528
GOTERM_!GO:001021	3	5.454545	0.023882	CAV1, CCL	55	60	13528
GOTERM_!GO:000189	3	5.454545	0.023882	PTGS2, RXI	55	60	13528
GOTERM_!GO:000252	5	9.090909	0.024153	IL4, BCL2, \	55	276	13528
GOTERM_!GO:000963	3	5.454545	0.024629	PRKCA, FO	55	61	13528
GOTERM_!GO:000989	7	12.72727	0.025962	E2F1, PRKC	55	573	13528
GOTERM_!GO:004576	3	5.454545	0.026152	IL6, ERBB2,	55	63	13528
GOTERM_!GO:003166	3	5.454545	0.026928	FOS, CAV1	55	64	13528
GOTERM_!GO:004547	3	5.454545	0.026928	PRKCA, CC	55	64	13528
GOTERM_!GO:000858	3	5.454545	0.026928	PGR, BCL2,	55	64	13528
GOTERM_!GO:000308	2	3.636364	0.027616	ADRB2, AC	55	7	13528
GOTERM_!GO:001406	2	3.636364	0.027616	ERBB3, ERF	55	7	13528
GOTERM_!GO:000199	2	3.636364	0.027616	ADRB2, AC	55	7	13528
GOTERM_!GO:003114	3	5.454545	0.027712	CCNB1, CC	55	65	13528
GOTERM_!GO:000269	4	7.272727	0.028519	IL4, CASP3	55	166	13528
GOTERM_!GO:005130	5	9.090909	0.029877	CCNB1, CC	55	295	13528
GOTERM_!GO:005143	3	5.454545	0.030122	CCNB1, CC	55	68	13528
GOTERM_!GO:003241	2	3.636364	0.031499	ADRB2, CA	55	8	13528
GOTERM_!GO:003100	2	3.636364	0.031499	BCL2, PPAI	55	8	13528
GOTERM_!GO:003164	2	3.636364	0.031499	ADRB2, PT	55	8	13528
GOTERM_!GO:003085	2	3.636364	0.031499	CAV1, TP6:	55	8	13528
GOTERM_!GO:001922	3	5.454545	0.031773	IL6, CCL2, !	55	70	13528
GOTERM_!GO:004338	3	5.454545	0.031773	IL4, IL6, CA	55	70	13528
GOTERM_!GO:005144	3	5.454545	0.031773	CCNB1, CC	55	70	13528
GOTERM_!GO:005067	3	5.454545	0.032611	PGR, ERBB:	55	71	13528

GOTERM_!GO:005143	3	5.454545	0.032611	CCNB1, CC	55	71	13528
GOTERM_!GO:005086	4	7.272727	0.032623	IL4, CASP3	55	175	13528
GOTERM_!GO:005135	3	5.454545	0.034315	CCNB1, CC	55	73	13528
GOTERM_!GO:005134	4	7.272727	0.034542	PTGER3, CI	55	179	13528
GOTERM_!GO:004872	4	7.272727	0.03503	BCL2, RXR/	55	180	13528
GOTERM_!GO:003226	4	7.272727	0.03503	PRKCA, CA	55	180	13528
GOTERM_!GO:004000	4	7.272727	0.036518	CCNB1, PT	55	183	13528
GOTERM_!GO:000854	4	7.272727	0.037021	CASP3, PT	55	184	13528
GOTERM_!GO:000150	5	9.090909	0.038173	PRKCA, PT	55	319	13528
GOTERM_!GO:005124	4	7.272727	0.038551	PRKCA, CA	55	187	13528
GOTERM_!GO:005143	3	5.454545	0.038721	CCNB1, CC	55	78	13528
GOTERM_!GO:005109	3	5.454545	0.038721	IL4, IL6, CA	55	78	13528
GOTERM_!GO:003027	3	5.454545	0.038721	ADRB2, IL6	55	78	13528
GOTERM_!GO:005093	2	3.636364	0.039221	PRKCA, VE	55	10	13528
GOTERM_!GO:001407	2	3.636364	0.039221	BCL2, PPAI	55	10	13528
GOTERM_!GO:000269	2	3.636364	0.039221	IL6, F7	55	10	13528
GOTERM_!GO:003110	2	3.636364	0.039221	BCL2, RXR/	55	10	13528
GOTERM_!GO:004295	2	3.636364	0.039221	PPARG, PR	55	10	13528
GOTERM_!GO:004328	3	5.454545	0.039627	F3, BIRC5, I	55	79	13528
GOTERM_!GO:000663	3	5.454545	0.039627	PTGS2, PT	55	79	13528
GOTERM_!GO:000695	3	5.454545	0.039627	IL6, CCL2, I	55	79	13528
GOTERM_!GO:000692	6	10.90909	0.040401	PRKCA, IL6	55	475	13528
GOTERM_!GO:005134	3	5.454545	0.041464	CCNB1, CC	55	81	13528
GOTERM_!GO:005254	3	5.454545	0.042394	F3, BIRC5, I	55	82	13528
GOTERM_!GO:004645	2	3.636364	0.043059	PTGS2, PT	55	11	13528
GOTERM_!GO:000178	2	3.636364	0.043059	CASP3, BC	55	11	13528
GOTERM_!GO:000268	2	3.636364	0.043059	IL6, F7	55	11	13528
GOTERM_!GO:004358	2	3.636364	0.043059	ERBB3, ERE	55	11	13528
GOTERM_!GO:000151	2	3.636364	0.043059	PTGS2, PT	55	11	13528
GOTERM_!GO:005189	2	3.636364	0.043059	F3, F7	55	11	13528
GOTERM_!GO:000721	2	3.636364	0.043059	CHRM3, CI	55	11	13528
GOTERM_!GO:003139	3	5.454545	0.044277	CCNB1, CC	55	84	13528
GOTERM_!GO:000739	4	7.272727	0.044993	CASP3, PT	55	199	13528
GOTERM_!GO:005104	4	7.272727	0.046683	PRKCA, IL6	55	202	13528
GOTERM_!GO:003110	2	3.636364	0.046882	BCL2, RXR/	55	12	13528
GOTERM_!GO:004600	2	3.636364	0.046882	IL4, CASP3	55	12	13528
GOTERM_!GO:001406	2	3.636364	0.046882	ERBB3, ERE	55	12	13528
GOTERM_!GO:004858	3	5.454545	0.04716	CCNB1, PT	55	87	13528
GOTERM_!GO:004319	3	5.454545	0.04716	IL4, IL6, PP	55	87	13528
GOTERM_!GO:000646	3	5.454545	0.04716	PRKCA, CA	55	87	13528
GOTERM_!GO:005114	3	5.454545	0.048136	ERBB2, RXF	55	88	13528
GOTERM_!GO:003367	3	5.454545	0.05011	PRKCA, CA	55	90	13528
GOTERM_!GO:004352	3	5.454545	0.05011	ERBB3, JUN	55	90	13528
GOTERM_!GO:000625	6	10.90909	0.050628	FOS, CASP	55	506	13528
GOTERM_!GO:003157	2	3.636364	0.050689	CDK1, CCN	55	13	13528
GOTERM_!GO:003461	2	3.636364	0.050689	CASP3, CA	55	13	13528
GOTERM_!GO:001406	2	3.636364	0.050689	ERBB3, ERE	55	13	13528
GOTERM_!GO:004582	2	3.636364	0.050689	PRKCA, AD	55	13	13528
GOTERM_!GO:004252	2	3.636364	0.050689	IL4, CAV1	55	13	13528
GOTERM_!GO:001060	4	7.272727	0.051939	PRKCA, IL6	55	211	13528
GOTERM_!GO:004851	4	7.272727	0.051939	CAV1, JUN	55	211	13528
GOTERM_!GO:003030	3	5.454545	0.052113	BCL2, PPAI	55	92	13528
GOTERM_!GO:003009	3	5.454545	0.053125	VEGFA, PP	55	93	13528
GOTERM_!GO:000090	5	9.090909	0.053327	PRKCA, ER	55	356	13528
GOTERM_!GO:003027	2	3.636364	0.054483	ADRB2, BC	55	14	13528
GOTERM_!GO:004506	2	3.636364	0.054483	BCL2, TOP	55	14	13528
GOTERM_!GO:003526	2	3.636364	0.054483	BCL2, RXR/	55	14	13528
GOTERM_!GO:003241	2	3.636364	0.054483	ADRB2, CA	55	14	13528

GOTERM_!GO:003072	2	3.636364	0.054483	PGR, PTGS	55	14	13528
GOTERM_!GO:004559	4	7.272727	0.054978	IL4, CAV1,	55	216	13528
GOTERM_!GO:000695	7	12.72727	0.055888	IL4, IL6, CC	55	690	13528
GOTERM_!GO:000650	9	16.36364	0.056316	CCNB1, CC	55	1054	13528
GOTERM_!GO:003529	4	7.272727	0.05747	BCL2, VEGI	55	220	13528
GOTERM_!GO:000996	4	7.272727	0.058102	PRKCA, AC	55	221	13528
GOTERM_!GO:000252	3	5.454545	0.058291	IL6, PTGER	55	98	13528
GOTERM_!GO:004579	3	5.454545	0.059344	BCL2, PPAI	55	99	13528
GOTERM_!GO:003139	3	5.454545	0.060404	CCNB1, CC	55	100	13528
GOTERM_!GO:004858	3	5.454545	0.060404	PRKCA, AC	55	100	13528
GOTERM_!GO:000200	3	5.454545	0.061471	BCL2, CASI	55	101	13528
GOTERM_!GO:003328	2	3.636364	0.062024	PTGS2, RXI	55	16	13528
GOTERM_!GO:003157	2	3.636364	0.062024	CDK1, CCN	55	16	13528
GOTERM_!GO:004316	3	5.454545	0.062544	CCNB1, CC	55	102	13528
GOTERM_!GO:001049	3	5.454545	0.062544	CCNB1, CC	55	102	13528
GOTERM_!GO:000759	3	5.454545	0.062544	IL6, F3, F7	55	102	13528
GOTERM_!GO:005081	3	5.454545	0.062544	IL6, F3, F7	55	102	13528
GOTERM_!GO:004559	4	7.272727	0.063272	IL6, JUN, B	55	229	13528
GOTERM_!GO:000742	4	7.272727	0.063272	ERBB3, BCL	55	229	13528
GOTERM_!GO:000717	3	5.454545	0.063624	FOS, CCL2,	55	103	13528
GOTERM_!GO:004231	2	3.636364	0.065773	CAV1, ADF	55	17	13528
GOTERM_!GO:005189	2	3.636364	0.065773	F3, F7	55	17	13528
GOTERM_!GO:000205	2	3.636364	0.065773	VEGFA, TP	55	17	13528
GOTERM_!GO:004424	2	3.636364	0.065773	ADRB2, IL6	55	17	13528
GOTERM_!GO:001055	6	10.90909	0.06632	E2F1, PRKC	55	547	13528
GOTERM_!GO:000759	3	5.454545	0.069116	IL6, F3, F7	55	108	13528
GOTERM_!GO:000268	4	7.272727	0.069337	IL4, IL6, VE	55	238	13528
GOTERM_!GO:001046	2	3.636364	0.069506	VEGFA, TP	55	18	13528
GOTERM_!GO:000008	2	3.636364	0.069506	E2F1, CDK2	55	18	13528
GOTERM_!GO:001810	2	3.636364	0.069506	PRKCA, BC	55	18	13528
GOTERM_!GO:003059	2	3.636364	0.069506	PRKCA, CC	55	18	13528
GOTERM_!GO:000961	3	5.454545	0.070232	IL6, BCL2, F	55	109	13528
GOTERM_!GO:000727	5	9.090909	0.072388	CCNB1, PG	55	395	13528
GOTERM_!GO:004259	2	3.636364	0.073226	BCL2, ADR	55	19	13528
GOTERM_!GO:000669	2	3.636364	0.073226	PTGS2, PT	55	19	13528
GOTERM_!GO:004848	2	3.636364	0.073226	ERBB2, TP	55	19	13528
GOTERM_!GO:000669	2	3.636364	0.073226	PTGS2, PT	55	19	13528
GOTERM_!GO:003106	2	3.636364	0.073226	BCL2, TP63	55	19	13528
GOTERM_!GO:003298	5	9.090909	0.073449	PRKCA, ER	55	397	13528
GOTERM_!GO:000840	3	5.454545	0.073618	PGR, BCL2,	55	112	13528
GOTERM_!GO:000862	3	5.454545	0.073618	PRKCA, CA	55	112	13528
GOTERM_!GO:000718	9	16.36364	0.075842	ADRB2, CC	55	1123	13528
GOTERM_!GO:005105	3	5.454545	0.075905	IL4, JUN, C	55	114	13528
GOTERM_!GO:006034	4	7.272727	0.076376	PRKCA, IL6	55	248	13528
GOTERM_!GO:005160	2	3.636364	0.07693	IL6, BCL2	55	20	13528
GOTERM_!GO:000018	2	3.636364	0.07693	PRKCA, CA	55	20	13528
GOTERM_!GO:004231	2	3.636364	0.07693	ADRB2, CA	55	20	13528
GOTERM_!GO:003057	2	3.636364	0.07693	MMP2, MN	55	20	13528
GOTERM_!GO:000150	3	5.454545	0.077056	PTGS2, BCL	55	115	13528
GOTERM_!GO:005512	2	3.636364	0.08062	BCL2, TP63	55	21	13528
GOTERM_!GO:003284	2	3.636364	0.08062	BCL2, VEGI	55	21	13528
GOTERM_!GO:004302	2	3.636364	0.08062	CASP3, BC	55	21	13528
GOTERM_!GO:004854	2	3.636364	0.08062	BCL2, TP63	55	21	13528
GOTERM_!GO:001821	2	3.636364	0.08062	PRKCA, BC	55	21	13528
GOTERM_!GO:000165	2	3.636364	0.08062	ADRB2, PT	55	21	13528
GOTERM_!GO:005131	2	3.636364	0.08062	E2F1, CDK2	55	21	13528
GOTERM_!GO:000267	2	3.636364	0.08062	IL6, PPARG	55	21	13528
GOTERM_!GO:000206	2	3.636364	0.08062	PGR, TP63	55	21	13528

GOTERM_!GO:005079	2	3.636364	0.08062	BCL2, TOP:	55	21	13528
GOTERM_!GO:004859	2	3.636364	0.08062	CCNB1, BC	55	21	13528
GOTERM_!GO:004269	3	5.454545	0.084082	ERBB2, RXF	55	121	13528
GOTERM_!GO:000863	2	3.636364	0.084296	BCL2, CASI	55	22	13528
GOTERM_!GO:000999	2	3.636364	0.084296	CCNB1, BC	55	22	13528
GOTERM_!GO:006034	3	5.454545	0.086466	PTGS2, BCI	55	123	13528
GOTERM_!GO:004253	2	3.636364	0.087957	IL4, IL6	55	23	13528
GOTERM_!GO:004577	2	3.636364	0.087957	ADRB2, AC	55	23	13528
GOTERM_!GO:000012	4	7.272727	0.089809	E2F1, RXR/	55	266	13528
GOTERM_!GO:000726	6	10.90909	0.090249	PRKCA, PG	55	600	13528
GOTERM_!GO:000110	2	3.636364	0.091604	CCL2, BCL2	55	24	13528
GOTERM_!GO:003241	2	3.636364	0.091604	ADRB2, CA	55	24	13528
GOTERM_!GO:003476	2	3.636364	0.095237	ADRB2, CA	55	25	13528
GOTERM_!GO:004873	2	3.636364	0.095237	BCL2, TP63	55	25	13528
GOTERM_!GO:004424	2	3.636364	0.098855	MMP2, MN	55	26	13528
GOTERM_!GO:003026	2	3.636364	0.098855	CASP3, TO	55	26	13528
GOTERM_!GO:002289	2	3.636364	0.098855	ADRB2, CA	55	26	13528
GOTERM_!GO:004642	2	3.636364	0.098855	IL4, IL6	55	26	13528
GOTERM_!GO:000263	2	3.636364	0.098855	IL4, IL6	55	26	13528
GOTERM_!GO:004667	2	3.636364	0.098855	PRKCA, CC	55	26	13528

Fold Enrich	Bonferroni	Benjamini	FDR
7.81333	6.69E-13	6.69E-13	7.33E-13
6.730348	1.68E-09	8.42E-10	1.86E-09
6.664039	2.04E-09	6.79E-10	2.25E-09
6.639509	2.19E-09	5.47E-10	2.41E-09
10.09996	4.87E-09	9.73E-10	5.37E-09
6.822847	2.41E-08	4.02E-09	2.66E-08
15.37273	2.99E-07	4.28E-08	3.30E-07
9.109764	6.11E-07	7.63E-08	6.74E-07
28.38042	1.07E-06	1.19E-07	1.18E-06
9.382809	2.13E-06	2.13E-07	2.35E-06
26.04321	2.15E-06	1.96E-07	2.37E-06
5.453103	3.77E-06	3.15E-07	4.16E-06
5.895267	3.86E-06	2.97E-07	4.26E-06
9.718928	7.25E-06	5.18E-07	8.00E-06
9.660203	7.76E-06	5.17E-07	8.56E-06
7.205966	1.26E-05	7.87E-07	1.39E-05
9.032563	1.65E-05	9.68E-07	1.82E-05
12.52593	1.71E-05	9.49E-07	1.88E-05
8.906761	1.92E-05	1.01E-06	2.12E-05
8.88202	1.99E-05	9.93E-07	2.19E-05
18.29482	3.61E-05	1.72E-06	3.98E-05
24.90771	3.78E-05	1.72E-06	4.17E-05
6.295998	6.91E-05	3.00E-06	7.62E-05
47.60587	1.98E-04	8.27E-06	2.19E-04
3.916618	2.49E-04	9.98E-06	2.75E-04
13.92247	3.03E-04	1.16E-05	3.34E-04
9.171525	3.22E-04	1.19E-05	3.56E-04
8.755987	4.95E-04	1.77E-05	5.46E-04
38.83636	5.74E-04	1.98E-05	6.33E-04
23.91313	5.85E-04	1.95E-05	6.45E-04
5.720085	7.31E-04	2.36E-05	8.07E-04
5.131369	8.51E-04	2.66E-05	9.39E-04
5.635828	8.65E-04	2.62E-05	9.55E-04
5.095932	9.25E-04	2.72E-05	0.00102
11.90147	0.001003	2.87E-05	0.001107
11.90147	0.001003	2.87E-05	0.001107
6.864101	0.001238	3.44E-05	0.001366
6.816544	0.001325	3.58E-05	0.001463
6.03307	0.001326	3.49E-05	0.001464
6.785204	0.001387	3.56E-05	0.001531
32.08221	0.001529	3.82E-05	0.001688
7.494737	0.002047	5.00E-05	0.002261
10.7984	0.00209	4.98E-05	0.002308
5.669375	0.002547	5.93E-05	0.002814
7.292722	0.002619	5.96E-05	0.002893
7.234225	0.002816	6.27E-05	0.00311
7.12	0.003248	7.07E-05	0.003589
5.503489	0.00347	7.40E-05	0.003835
10.06215	0.003543	7.39E-05	0.003916
26.35325	0.004127	8.44E-05	0.004563
16.71598	0.004858	9.74E-05	0.005372
11.99823	0.005581	1.10E-04	0.006174
16.24288	0.005741	1.11E-04	0.006351
6.615159	0.006254	1.18E-04	0.00692
11.78269	0.006291	1.17E-04	0.006962
15.65223	0.007116	1.30E-04	0.007877
5.124242	0.007242	1.30E-04	0.008017

42.40752	0.007508	1.32E-04	0.008314
9.072429	0.007622	1.32E-04	0.00844
5.676084	0.007802	1.33E-04	0.00864
8.890252	0.008844	1.48E-04	0.0098
39.67155	0.009876	1.63E-04	0.010949
4.965104	0.009985	1.62E-04	0.01107
21.38814	0.011632	1.86E-04	0.012907
4.889185	0.011671	1.83E-04	0.01295
4.437488	0.012212	1.89E-04	0.013554
10.52251	0.0132	2.01E-04	0.014658
36.17112	0.014395	2.16E-04	0.015994
5.214777	0.017342	2.57E-04	0.019297
9.988371	0.018495	2.71E-04	0.020592
4.667923	0.018579	2.68E-04	0.020686
5.806009	0.01955	2.78E-04	0.021778
5.806009	0.01955	2.78E-04	0.021778
6.683794	0.019892	2.79E-04	0.022163
6.647666	0.020762	2.87E-04	0.023142
4.600759	0.02146	2.93E-04	0.023928
12.75367	0.022941	3.09E-04	0.025599
5.672117	0.023882	3.18E-04	0.026662
9.551986	0.02464	3.24E-04	0.027519
5.624948	0.025648	3.33E-04	0.028659
5.578557	0.027523	3.53E-04	0.030783
5.578557	0.027523	3.53E-04	0.030783
12.29818	0.028144	3.57E-04	0.031487
7.503975	0.030048	3.77E-04	0.033651
17.16025	0.033858	4.20E-04	0.037991
8.668322	0.04554	5.61E-04	0.051405
61.49091	0.047733	5.82E-04	0.053942
61.49091	0.047733	5.82E-04	0.053942
11.18017	0.04777	5.76E-04	0.053984
26.73518	0.04805	5.72E-04	0.054308
8.445103	0.053577	6.33E-04	0.060728
15.059	0.062725	7.36E-04	0.071436
10.49845	0.067306	7.83E-04	0.076837
8.097568	0.069419	7.99E-04	0.079337
6.627763	0.071296	8.12E-04	0.081563
14.6117	0.07214	8.14E-04	0.082565
4.425133	0.076724	8.58E-04	0.088024
51.78182	0.080494	8.92E-04	0.092533
51.78182	0.080494	8.92E-04	0.092533
51.78182	0.080494	8.92E-04	0.092533
14.05506	0.086236	9.49E-04	0.099437
49.19273	0.093758	0.001025	0.108547
49.19273	0.093758	0.001025	0.108547
21.96104	0.102023	0.001109	0.118642
46.85022	0.108219	0.001168	0.126271
19.21591	0.166246	0.001835	0.200373
8.784416	0.17057	0.001868	0.206098
18.63361	0.185374	0.002028	0.225922
11.80625	0.186354	0.00202	0.227248
11.52955	0.205902	0.002236	0.254011
147.5782	0.208563	0.002247	0.257703
8.398758	0.212612	0.002274	0.263347
17.82345	0.216328	0.002297	0.268552
11.0133	0.248531	0.002667	0.314706
10.93172	0.25608	0.002735	0.325809

10.77213	0.271548	0.002903	0.34891
5.347036	0.279748	0.002979	0.361355
16.39758	0.285893	0.003029	0.370771
122.9818	0.295292	0.00312	0.385333
16.18182	0.298395	0.003131	0.390182
15.97166	0.311131	0.003264	0.410311
15.97166	0.311131	0.003264	0.410311
3.689455	0.330077	0.003477	0.440945
30.74545	0.339074	0.003564	0.455795
15.37273	0.350632	0.003683	0.475166
15.18294	0.364187	0.00383	0.498324
28.9369	0.391532	0.004166	0.546566
14.81709	0.391798	0.004135	0.547045
7.326576	0.393381	0.004123	0.549905
9.645633	0.410602	0.004324	0.581496
4.353339	0.417984	0.004391	0.595318
14.46845	0.419974	0.004383	0.599074
3.286256	0.423509	0.004397	0.605776
3.286256	0.423509	0.004397	0.605776
13.81818	0.477507	0.005139	0.713556
13.81818	0.477507	0.005139	0.713556
13.51449	0.506588	0.005547	0.776261
6.778525	0.530415	0.005888	0.830422
4.719984	0.53162	0.005862	0.833234
3.721596	0.546994	0.006073	0.869738
4.670196	0.556752	0.006192	0.893548
12.67854	0.593353	0.006794	0.987731
8.530531	0.604362	0.006948	1.017703
12.54917	0.607553	0.006956	1.026546
12.42241	0.621631	0.007173	1.066424
4.545529	0.621842	0.007125	1.067034
4.545529	0.621842	0.007125	1.067034
5.289541	0.626743	0.007168	1.08127
22.88034	0.631785	0.007214	1.09611
3.999409	0.632842	0.007182	1.099244
12.29818	0.635569	0.007184	1.107378
12.29818	0.635569	0.007184	1.107378
12.29818	0.635569	0.007184	1.107378
73.78909	0.64635	0.007345	1.140134
6.215688	0.696301	0.008357	1.306058
8.064382	0.697483	0.008326	1.310305
6.193329	0.703086	0.008397	1.330658
7.849903	0.740699	0.009266	1.477987
20.49697	0.748629	0.009413	1.511739
6.020089	0.755192	0.009528	1.540479
7.726606	0.765221	0.009744	1.585899
7.686364	0.773136	0.009906	1.623126
61.49091	0.780626	0.010062	1.659552
7.646538	0.780917	0.010005	1.660992
2.358365	0.812562	0.010955	1.830084
10.69407	0.817907	0.011071	1.861413
18.92028	0.825323	0.011266	1.906414
56.76084	0.832767	0.011472	1.953534
18.56329	0.841875	0.011753	2.014086
10.33461	0.85538	0.012241	2.11054
18.21953	0.857361	0.01225	2.125439
52.70649	0.875232	0.013005	2.269862
2.306333	0.881206	0.013227	2.322743

6.994227	0.895342	0.013921	2.459164
49.19273	0.908883	0.014679	2.608146
49.19273	0.908883	0.014679	2.608146
16.96301	0.908906	0.014591	2.608411
4.513094	0.916575	0.015031	2.702858
9.533474	0.926012	0.015657	2.831614
9.46014	0.931348	0.016007	2.911816
5.297678	0.933449	0.016095	2.945104
6.617856	0.943798	0.01699	3.125894
15.86862	0.94521	0.017038	3.153094
15.86862	0.94521	0.017038	3.153094
9.246753	0.945646	0.016985	3.161617
9.177748	0.949869	0.017351	3.24799
15.61674	0.952215	0.017525	3.299133
15.61674	0.952215	0.017525	3.299133
15.61674	0.952215	0.017525	3.299133
6.501241	0.955469	0.017825	3.374343
15.13622	0.964084	0.018937	3.603238
5.078895	0.96498	0.018971	3.630094
40.99394	0.968737	0.019497	3.750667
14.90689	0.96905	0.019443	3.761352
14.90689	0.96905	0.019443	3.761352
5.034343	0.969901	0.019489	3.790954
8.722115	0.972773	0.01993	3.897329
14.6844	0.973438	0.019955	3.923534
4.990567	0.974263	0.020017	3.956985
14.46845	0.977297	0.020583	4.089807
14.46845	0.977297	0.020583	4.089807
6.174819	0.979615	0.021048	4.203684
14.25876	0.980677	0.02122	4.260187
14.25876	0.980677	0.02122	4.260187
36.89455	0.986193	0.022883	4.614508
36.89455	0.986193	0.022883	4.614508
4.822816	0.98696	0.023062	4.674624
35.13766	0.991102	0.024935	5.075763
35.13766	0.991102	0.024935	5.075763
35.13766	0.991102	0.024935	5.075763
8.090909	0.991162	0.024839	5.082787
13.11806	0.993282	0.026124	5.369608
4.653366	0.994369	0.026892	5.553564
5.764773	0.994663	0.027026	5.609462
4.61594	0.995435	0.027679	5.772081
32.08221	0.996523	0.028909	6.054678
32.08221	0.996523	0.028909	6.054678
7.686364	0.996601	0.028875	6.078089
7.686364	0.996601	0.028875	6.078089
5.632755	0.996903	0.029192	6.174404
30.74545	0.997891	0.030948	6.571412
11.85367	0.998719	0.033243	7.083968
11.71255	0.99898	0.034191	7.317254
11.71255	0.99898	0.034191	7.317254
7.277031	0.999	0.034118	7.337475
11.57476	0.999192	0.034977	7.554755
28.38042	0.999269	0.035288	7.65708
11.44017	0.999363	0.035771	7.796466
2.120376	0.999405	0.035923	7.866229
11.18017	0.999609	0.037735	8.292494
25.44451	0.999871	0.042753	9.408873

10.35636	0.999939	0.046051	10.15984
10.24848	0.999955	0.047152	10.44309
23.80293	0.999963	0.047906	10.65325
23.80293	0.999963	0.047906	10.65325
23.80293	0.999963	0.047906	10.65325
23.05909	0.999981	0.050664	11.29691
6.372115	0.999984	0.051112	11.44459
6.372115	0.999984	0.051112	11.44459
9.838545	0.999986	0.051668	11.61651
9.838545	0.999986	0.051668	11.61651
3.930926	0.999992	0.053668	12.10335
245.9636	0.999994	0.055027	12.45288
245.9636	0.999994	0.055027	12.45288
3.015903	0.999996	0.056438	12.81568
6.149091	0.999996	0.05634	12.84993
9.281647	0.999998	0.059026	13.49533
4.611818	0.999998	0.059558	13.67021
4.597451	0.999999	0.060031	13.83309
20.49697	0.999999	0.060534	14.00316
20.49697	0.999999	0.060534	14.00316
9.026188	0.999999	0.062447	14.4865
19.943	0.999999	0.06318	14.71014
19.943	0.999999	0.06318	14.71014
5.884298	1	0.063275	14.79266
8.944132	1	0.063142	14.82433
8.944132	1	0.063142	14.82433
8.863554	1	0.064392	15.16584
4.485659	1	0.064167	15.17747
1.796736	1	0.064155	15.23697
5.773794	1	0.065946	15.70428
18.92028	1	0.067666	16.15714
5.720085	1	0.067441	16.17102
8.630303	1	0.067338	16.21197
4.379175	1	0.068731	16.59472
8.409013	1	0.071486	17.28969
5.590083	1	0.071538	17.3692
5.590083	1	0.071538	17.3692
8.267685	1	0.074106	18.02518
163.9758	1	0.074067	18.08573
5.49026	1	0.074955	18.35938
5.49026	1	0.074955	18.35938
17.56883	1	0.074839	18.40285
17.56883	1	0.074839	18.40285
17.56883	1	0.074839	18.40285
17.56883	1	0.074839	18.40285
8.131029	1	0.076141	18.77385
17.16025	1	0.077545	19.16953
17.16025	1	0.077545	19.16953
5.370385	1	0.079248	19.63557
7.808369	1	0.083544	20.70075
16.39758	1	0.083328	20.72716
7.746886	1	0.08459	21.09521
7.746886	1	0.08459	21.09521
5.211094	1	0.085969	21.49145
5.211094	1	0.085969	21.49145
16.04111	1	0.085745	21.51716
7.51034	1	0.090522	22.7016
4.010277	1	0.090371	22.7475

15.37273	1	0.091618	23.11721
15.37273	1	0.091618	23.11721
15.37273	1	0.091618	23.11721
15.37273	1	0.091618	23.11721
122.9818	1	0.092298	23.35653
122.9818	1	0.092298	23.35653
122.9818	1	0.092298	23.35653
122.9818	1	0.092298	23.35653
5.040238	1	0.09345	23.70606
7.342198	1	0.094079	23.93487
5.019666	1	0.093958	23.98956
5.019666	1	0.093958	23.98956
4.958944	1	0.097288	24.84858
14.46845	1	0.099987	25.56049
14.46845	1	0.099987	25.56049
4.899674	1	0.100301	25.72003
6.977692	1	0.105012	26.89837
6.977692	1	0.105012	26.89837
4.803977	1	0.105925	27.19883
13.92247	1	0.105598	27.21293
13.92247	1	0.105598	27.21293
13.66465	1	0.108805	28.04493
98.38545	1	0.109464	28.28853
98.38545	1	0.109464	28.28853
4.73007	1	0.109568	28.40432
13.17662	1	0.114865	29.71835
6.647666	1	0.11553	29.96584
12.94545	1	0.117699	30.55894
6.515593	1	0.120547	31.30717
6.430422	1	0.124076	32.20906
4.488388	1	0.126077	32.76237
3.069065	1	0.126154	32.87989
81.98788	1	0.12582	32.90349
12.29818	1	0.126208	33.09148
12.29818	1	0.126208	33.09148
12.29818	1	0.126208	33.09148
4.455863	1	0.127125	33.40043
12.09657	1	0.129044	33.93796
3.004791	1	0.135155	35.42263
11.71255	1	0.135626	35.6321
11.52955	1	0.138936	36.47905
11.52955	1	0.138936	36.47905
11.52955	1	0.138936	36.47905
70.27532	1	0.14179	37.22177
70.27532	1	0.14179	37.22177
70.27532	1	0.14179	37.22177
11.35217	1	0.141781	37.32545
5.926835	1	0.145162	38.18406
4.168875	1	0.151122	39.6055
10.85134	1	0.151776	39.85798
61.49091	1	0.157724	41.26241
61.49091	1	0.157724	41.26241
61.49091	1	0.157724	41.26241
61.49091	1	0.157724	41.26241
10.5413	1	0.158482	41.53757
10.5413	1	0.158482	41.53757
10.5413	1	0.158482	41.53757
10.39283	1	0.161846	42.37381

10.39283	1	0.161846	42.37381
5.622026	1	0.161379	42.38543
10.10809	1	0.168591	44.03774
5.496394	1	0.169083	44.25581
5.465859	1	0.170754	44.723
5.465859	1	0.170754	44.723
5.376254	1	0.176886	46.12268
5.347036	1	0.178571	46.58841
3.855229	1	0.183113	47.64106
5.261254	1	0.184208	47.98234
9.46014	1	0.184384	48.13508
9.46014	1	0.184384	48.13508
9.46014	1	0.184384	48.13508
49.19273	1	0.185994	48.58099
49.19273	1	0.185994	48.58099
49.19273	1	0.185994	48.58099
49.19273	1	0.185994	48.58099
49.19273	1	0.185994	48.58099
9.340391	1	0.187191	48.94183
9.340391	1	0.187191	48.94183
9.340391	1	0.187191	48.94183
3.106909	1	0.189961	49.62135
9.109764	1	0.193944	50.54078
8.99867	1	0.197322	51.33256
44.72066	1	0.199546	51.89122
44.72066	1	0.199546	51.89122
44.72066	1	0.199546	51.89122
44.72066	1	0.199546	51.89122
44.72066	1	0.199546	51.89122
44.72066	1	0.199546	51.89122
44.72066	1	0.199546	51.89122
8.784416	1	0.204079	52.89973
4.943993	1	0.206466	53.48296
4.870567	1	0.212866	54.83239
40.99394	1	0.21306	54.98857
40.99394	1	0.21306	54.98857
40.99394	1	0.21306	54.98857
8.481505	1	0.213582	55.20676
8.481505	1	0.213582	55.20676
8.481505	1	0.213582	55.20676
8.385124	1	0.216948	55.96343
8.198788	1	0.224317	57.45736
8.198788	1	0.224317	57.45736
2.916565	1	0.225754	57.84112
37.84056	1	0.225356	57.88672
37.84056	1	0.225356	57.88672
37.84056	1	0.225356	57.88672
37.84056	1	0.225356	57.88672
37.84056	1	0.225356	57.88672
4.662818	1	0.229693	58.79856
4.662818	1	0.229693	58.79856
8.020553	1	0.229734	58.92447
7.934311	1	0.233079	59.64765
3.454545	1	0.233217	59.79054
35.13766	1	0.237077	60.59845
35.13766	1	0.237077	60.59845
35.13766	1	0.237077	60.59845
35.13766	1	0.237077	60.59845

[illegible]

[illegible]

Category	Term	Count	%	PValue	Genes	List Total	Pop Hits	Pop Total
GOTERM_(GO:003198		18	32.72727	2.63E-05	E2F1, EIF6,	52	1450	12782
GOTERM_(GO:004323		20	36.36364	3.79E-05	E2F1, EIF6,	52	1820	12782
GOTERM_(GO:000579		8	14.54545	3.98E-05	ADRB2, CY	52	237	12782
GOTERM_(GO:004259		8	14.54545	4.80E-05	ADRB2, CY	52	244	12782
GOTERM_(GO:003197		20	36.36364	4.99E-05	E2F1, EIF6,	52	1856	12782
GOTERM_(GO:007001		19	34.54545	1.01E-04	E2F1, EIF6,	52	1779	12782
GOTERM_(GO:000565		13	23.63636	1.40E-04	E2F1, CCN	52	882	12782
GOTERM_(GO:000582		16	29.09091	1.43E-04	PRKCA, CD	52	1330	12782
GOTERM_(GO:000026		14	25.45455	2.44E-04	PRKCA, CA	52	1083	12782
GOTERM_(GO:004512		6	10.90909	2.54E-04	PRKCA, AC	52	143	12782
GOTERM_(GO:000562		12	21.81818	2.81E-04	PRKCA, FO	52	809	12782
GOTERM_(GO:000562		12	21.81818	3.84E-04	PRKCA, FO	52	839	12782
GOTERM_(GO:003042		5	9.090909	0.003658	ADRB2, CH	52	159	12782
GOTERM_(GO:003042		5	9.090909	0.003997	ADRB2, CH	52	163	12782
GOTERM_(GO:000587		3	5.454545	0.005916	CDK1, BIRC	52	29	12782
GOTERM_(GO:003122		12	21.81818	0.00742	ADRB2, CA	52	1215	12782
GOTERM_(GO:000563		5	9.090909	0.008918	EIF6, PTGE	52	205	12782
GOTERM_(GO:000566		5	9.090909	0.009685	E2F1, E2F2	52	210	12782
GOTERM_(GO:004323		4	7.272727	0.011054	ADRB2, IL6	52	116	12782
GOTERM_(GO:004300		6	10.90909	0.011426	ADRB2, CH	52	342	12782
GOTERM_(GO:000581		5	9.090909	0.01206	CCNB1, BIF	52	224	12782
GOTERM_(GO:001632		4	7.272727	0.015947	ADRB2, CA	52	133	12782
GOTERM_(GO:004521		4	7.272727	0.016591	CHRM3, EF	52	135	12782
GOTERM_(GO:000588		11	20	0.017445	ADRB2, CA	52	1188	12782
GOTERM_(GO:000581		5	9.090909	0.018101	CCNB1, BIF	52	253	12782
GOTERM_(GO:000590		3	5.454545	0.018227	ADRB2, CA	52	52	12782
GOTERM_(GO:000561		8	14.54545	0.018285	IL4, IL6, CC	52	685	12782
GOTERM_(GO:000595		2	3.636364	0.019794	BCL2, PPP3	52	5	12782
GOTERM_(GO:000573		8	14.54545	0.020062	EIF6, FOS, I	52	698	12782
GOTERM_(GO:004445		16	29.09091	0.021919	CAV1, IL6,	52	2203	12782
GOTERM_(GO:000022		4	7.272727	0.026707	JUN, BIRC5	52	162	12782
GOTERM_(GO:000588		23	41.81818	0.026758	PRKCA, CA	52	3777	12782
GOTERM_(GO:004517		4	7.272727	0.03444	ADRB2, CA	52	179	12782
GOTERM_(GO:001250		8	14.54545	0.034567	EIF6, CAV1	52	782	12782
GOTERM_(GO:004442		9	16.36364	0.035053	IL4, IL6, CC	52	960	12782
GOTERM_(GO:003227		2	3.636364	0.035353	CHRM3, CI	52	9	12782
GOTERM_(GO:000562		5	9.090909	0.035825	CAV1, SLC	52	313	12782
GOTERM_(GO:003196		7	12.72727	0.035934	EIF6, PTGE	52	620	12782
GOTERM_(GO:003197		7	12.72727	0.036419	EIF6, PTGE	52	622	12782
GOTERM_(GO:001989		6	10.90909	0.046234	PRKCA, CY	52	494	12782
GOTERM_(GO:000574		3	5.454545	0.050039	BCL2, MAC	52	90	12782
GOTERM_(GO:004320		2	3.636364	0.054461	BCL2, ERBB	52	14	12782
GOTERM_(GO:004299		7	12.72727	0.057751	ADRB2, CH	52	697	12782
GOTERM_(GO:000029		2	3.636364	0.062	CAV1, SLC	52	16	12782
GOTERM_(GO:003196		3	5.454545	0.064623	BCL2, MAC	52	104	12782
GOTERM_(GO:001563		6	10.90909	0.066806	CCNB1, CC	52	549	12782
GOTERM_(GO:001986		3	5.454545	0.069025	BCL2, MAC	52	108	12782
GOTERM_(GO:004445		6	10.90909	0.069319	E2F1, E2F2	52	555	12782
GOTERM_(GO:003049		2	3.636364	0.06948	CDK1, BIRC	52	18	12782
GOTERM_(GO:004445		4	7.272727	0.074765	CHRM3, EF	52	246	12782
GOTERM_(GO:000992		2	3.636364	0.098819	CAV1, ERB	52	26	12782

Fold Enrich	Bonferroni	Benjamini	FDR
3.051406	0.004898	0.004898	0.032544
2.701183	0.007058	0.003535	0.046944
8.297306	0.007424	0.002481	0.049383
8.059269	0.008927	0.002239	0.059424
2.64879	0.009295	0.001866	0.061887
2.625265	0.018717	0.003144	0.125171
3.623016	0.025758	0.003721	0.172836
2.957085	0.026416	0.003341	0.177307
3.177569	0.04461	0.005058	0.302057
10.31361	0.046351	0.004735	0.314105
3.646097	0.051175	0.004764	0.347613
3.515724	0.069342	0.005971	0.475235
7.729802	0.496069	0.051351	4.441208
7.540113	0.527151	0.052093	4.843621
25.42838	0.670274	0.071297	7.090699
2.42773	0.75159	0.083362	8.818511
5.99531	0.812704	0.093835	10.50948
5.852564	0.837966	0.096165	11.36484
8.476127	0.874903	0.103631	12.87194
4.312416	0.883402	0.10188	13.27739
5.486779	0.896581	0.102414	13.96417
7.392713	0.950518	0.127718	18.06735
7.283191	0.956217	0.127177	18.72928
2.275997	0.962787	0.128142	19.60042
4.85786	0.967152	0.127711	20.26263
14.18121	0.96793	0.123923	20.38921
2.870747	0.968282	0.119979	20.44744
98.32308	0.976215	0.124994	21.95085
2.81728	0.977397	0.1225	22.21411
1.785258	0.984149	0.129032	24.02245
6.069326	0.993668	0.150658	28.50611
1.496843	0.99373	0.146574	28.55256
5.492909	0.998575	0.180124	35.23772
2.514657	0.99861	0.175915	35.34268
2.304447	0.998735	0.173575	35.74549
54.62393	0.998806	0.170526	35.99229
3.92664	0.998911	0.168384	36.37941
2.775248	0.998934	0.164805	36.46881
2.766325	0.999029	0.162961	36.86376
2.985519	0.999857	0.198523	44.38858
8.19359	0.999932	0.208746	47.07743
35.11538	0.999972	0.22068	50.05127
2.468657	0.999985	0.227942	52.16366
30.72596	0.999994	0.238162	54.76969
7.090607	0.999996	0.242413	56.31316
2.686423	0.999998	0.24503	57.56
6.827991	0.999998	0.247662	58.79431
2.65738	0.999999	0.244121	58.9555
27.31197	0.999999	0.24029	59.04303
3.996873	1	0.252206	61.83547
18.90828	1	0.317173	72.46702

Category	Term	Count	%	PValue	Genes	List Total	Pop Hits	Pop Total
GOTERM_	GO:000487	6	10.90909	3.00E-06	PGR, PTGE	52	58	12983
GOTERM_	GO:004698	12	21.81818	6.32E-06	FOS, ADRE	52	542	12983
GOTERM_	GO:004698	8	14.54545	1.56E-05	FOS, ERBB2	52	208	12983
GOTERM_	GO:000822	5	9.090909	1.92E-05	ADRB2, CH	52	41	12983
GOTERM_	GO:004280	12	21.81818	3.00E-05	ADRB2, CA	52	640	12983
GOTERM_	GO:000828	10	18.18182	5.55E-05	PRKCA, PG	52	450	12983
GOTERM_	GO:000814	5	9.090909	7.16E-05	ADRB2, CH	52	57	12983
GOTERM_	GO:000467	10	18.18182	5.19E-04	PRKCA, CD	52	606	12983
GOTERM_	GO:000493	3	5.454545	6.67E-04	ADRB2, AC	52	10	12983
GOTERM_	GO:000370	4	7.272727	9.26E-04	PGR, RXRA	52	49	12983
GOTERM_	GO:000370	12	21.81818	0.001186	E2F1, PGR,	52	975	12983
GOTERM_	GO:004280	7	12.72727	0.001882	ADRB2, ER	52	334	12983
GOTERM_	GO:000549	4	7.272727	0.00201	PGR, CAV1	52	64	12983
GOTERM_	GO:001989	8	14.54545	0.004114	ADRB2, CA	52	523	12983
GOTERM_	GO:003052	14	25.45455	0.004669	E2F1, E2F2	52	1512	12983
GOTERM_	GO:000369	4	7.272727	0.006496	FOS, JUN, I	52	97	12983
GOTERM_	GO:000512	5	9.090909	0.007112	IL4, IL6, CC	52	195	12983
GOTERM_	GO:000466	2	3.636364	0.007841	PTGS2, PTG	52	2	12983
GOTERM_	GO:004356	8	14.54545	0.00913	PGR, FOS,	52	607	12983
GOTERM_	GO:000813	7	12.72727	0.014754	E2F1, E2F2	52	513	12983
GOTERM_	GO:004356	4	7.272727	0.019228	FOS, JUN, I	52	145	12983
GOTERM_	GO:000498	2	3.636364	0.01949	CHRM3, CI	52	5	12983
GOTERM_	GO:001690	2	3.636364	0.01949	CHRM3, CI	52	5	12983
GOTERM_	GO:001084	3	5.454545	0.021042	FOS, JUN, I	52	57	12983
GOTERM_	GO:001624	3	5.454545	0.022447	ADRB2, AC	52	59	12983
GOTERM_	GO:000493	2	3.636364	0.023343	ADRA2A, A	52	6	12983
GOTERM_	GO:000467	6	10.90909	0.026242	PRKCA, CD	52	430	12983
GOTERM_	GO:003107	3	5.454545	0.034143	CDK1, ERB	52	74	12983
GOTERM_	GO:000495	2	3.636364	0.034814	PTGER3, PI	52	9	12983
GOTERM_	GO:007041	2	3.636364	0.038608	FOS, JUN	52	10	12983
GOTERM_	GO:000495	2	3.636364	0.038608	PTGER3, PI	52	10	12983
GOTERM_	GO:000495	2	3.636364	0.038608	PTGER3, PI	52	10	12983
GOTERM_	GO:005187	2	3.636364	0.038608	ERBB2, AH	52	10	12983
GOTERM_	GO:000469	2	3.636364	0.05736	PRKCA, PR	52	15	12983
GOTERM_	GO:000417	5	9.090909	0.059199	CASP3, CA	52	375	12983
GOTERM_	GO:004691	17	30.90909	0.063973	PRKCA, CY	52	2785	12983
GOTERM_	GO:000550	8	14.54545	0.06642	PRKCA, F7,	52	919	12983
GOTERM_	GO:001546	2	3.636364	0.068439	CHRM3, CI	52	18	12983
GOTERM_	GO:004317	3	5.454545	0.069361	ADRB2, CH	52	110	12983
GOTERM_	GO:000370	4	7.272727	0.070709	E2F2, FOS,	52	244	12983
GOTERM_	GO:000202	2	3.636364	0.072103	BCL2, F3	52	19	12983
GOTERM_	GO:001656	5	9.090909	0.076769	E2F1, BCL2	52	410	12983
GOTERM_	GO:004216	2	3.636364	0.07939	CHRM3, CI	52	21	12983
GOTERM_	GO:002003	3	5.454545	0.08177	CYP1B1, P ⁻	52	121	12983
GOTERM_	GO:004690	3	5.454545	0.091194	CYP1B1, P ⁻	52	129	12983

Fold Enrich	Bonferroni	Benjamini	FDR
25.82825	7.97E-04	7.97E-04	0.00393
5.527817	0.00168	8.40E-04	0.00829
9.602811	0.004139	0.001382	0.020453
30.44794	0.005098	0.001277	0.0252
4.68137	0.007958	0.001597	0.039392
5.548291	0.014661	0.002459	0.072807
21.90115	0.018853	0.002715	0.093816
4.120018	0.129067	0.017125	0.679162
74.90192	0.162679	0.019534	0.87175
20.38148	0.218484	0.024351	1.208341
3.072899	0.270684	0.028287	1.54455
5.232669	0.394119	0.040896	2.440737
15.60457	0.414432	0.040331	2.604661
3.819091	0.665971	0.075335	5.263875
2.311788	0.712029	0.079642	5.954505
10.2958	0.823333	0.10268	8.193436
6.401874	0.8502	0.105664	8.937255
249.6731	0.876807	0.109822	9.811208
3.290584	0.91281	0.120501	11.33553
3.406845	0.980816	0.179372	17.71449
6.887533	0.994284	0.218023	22.48403
99.86923	0.994676	0.211784	22.75534
99.86923	0.994676	0.211784	22.75534
13.14069	0.996507	0.218045	24.34405
12.69524	0.997616	0.222461	25.75556
83.22436	0.998132	0.222226	26.64378
3.48381	0.999153	0.238193	29.44888
10.12188	0.999903	0.289826	36.59938
55.48291	0.999919	0.285825	37.17507
49.93462	0.999972	0.303123	40.33858
49.93462	0.999972	0.303123	40.33858
49.93462	0.999972	0.303123	40.33858
49.93462	0.999972	0.303123	40.33858
33.28974	1	0.407713	53.92393
3.328974	1	0.407631	55.08924
1.524037	1	0.422791	57.98854
2.173433	1	0.42535	59.40644
27.74145	1	0.42572	60.54303
6.809266	1	0.420921	61.05218
4.093001	1	0.418329	61.78568
26.28138	1	0.416087	62.53121
3.044794	1	0.428296	64.92884
23.77839	1	0.431176	66.21248
6.190242	1	0.432942	67.34049
5.806351	1	0.462263	71.47402