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MMP2	SPP1	9606. ENSP00(9606. ENSP00000378517
MMP2	TP53	9606. ENSP00(9606. ENSP00000269305
MMP2	NCF1	9606. ENSP00(9606. ENSP00000289473
MMP2	MMP9	9606. ENSP00(9606. ENSP00000361405
MMP9	PLAT	9606. ENSP00(9606. ENSP00000220809
MMP9	SERPINE1	9606. ENSP00(9606. ENSP00000223095
MMP9	TP53	9606. ENSP00(9606. ENSP00000269305
MMP9	PPARG	9606. ENSP00(9606. ENSP00000287820
MMP9	NCF1	9606. ENSP00(9606. ENSP00000289473
MMP9	NOS3	9606. ENSP00(9606. ENSP00000297494
MMP9	PTGS2	9606. ENSP00(9606. ENSP00000356438
MMP9	RUNX2	9606. ENSP00(9606. ENSP00000360493
MMP9	SPP1	9606. ENSP00(9606. ENSP00000378517
NCF1	VCAM1	9606. ENSP00(9606. ENSP00000294728
NOS3	TP53	9606. ENSP00(9606. ENSP00000269305
NOS3	PPARG	9606. ENSP00(9606. ENSP00000287820
NOS3	VCAM1	9606. ENSP00(9606. ENSP00000294728
NOS3	PTGS2	9606. ENSP00(9606. ENSP00000356438
NQO1	ODC1	9606. ENSP00(9606. ENSP00000234111
NQO1	TP53	9606. ENSP00(9606. ENSP00000269305
PLAT	THBD	9606. ENSP00(9606. ENSP00000366307
PLAT	SERPINE1	9606. ENSP00(9606. ENSP00000223095
PPARA	RB1	9606. ENSP00(9606. ENSP00000267163
PPARG	SERPINE1	9606. ENSP00(9606. ENSP00000223095
PPARG	RB1	9606. ENSP00(9606. ENSP00000267163
PPARG	TP53	9606. ENSP00(9606. ENSP00000269305
PPARG	RUNX2	9606. ENSP00(9606. ENSP00000360493
PPARG	PTGS2	9606. ENSP00(9606. ENSP00000356438
PPARG	SLC2A4	9606. ENSP00(9606. ENSP00000320935
PTGS2	TP53	9606. ENSP00(9606. ENSP00000269305
PTGS2	VCAM1	9606. ENSP00(9606. ENSP00000294728
RB1	RUNX2	9606. ENSP00(9606. ENSP00000360493
RB1	TP53	9606. ENSP00(9606. ENSP00000269305
RUNX2	TP53	9606. ENSP00(9606. ENSP00000269305
RUNX2	SPP1	9606. ENSP00(9606. ENSP00000378517
SERPINE1	THBD	9606. ENSP00(9606. ENSP00000366307
SERPINE1	TP53	9606. ENSP00(9606. ENSP00000269305
SPP1	TP53	9606. ENSP00(9606. ENSP00000269305
TOP2A	TP53	9606. ENSP00(9606. ENSP00000269305

GO analysis

ONTOLOGY	ID	GeneRatio	BgRatio	pvalue	p. adjust	qvalue	Count
BP	GO:0010038	22/71	364/18670	6.63E-21	2.22E-17	9.95E-18	22
BP	GO:0070997	21/71	348/18670	6.14E-20	1.03E-16	4.61E-17	21
BP	GO:0097191	18/71	224/18670	2.36E-19	2.64E-16	1.18E-16	18
BP	GO:0031667	23/71	499/18670	3.23E-19	2.71E-16	1.21E-16	23
BP	GO:0072593	19/71	284/18670	6.74E-19	4.52E-16	2.03E-16	19
BP	GO:2001233	21/71	406/18670	1.47E-18	8.22E-16	3.68E-16	21
BP	GO:1901214	19/71	313/18670	4.19E-18	2.01E-15	9.00E-16	19
BP	GO:2001234	17/71	230/18670	1.10E-17	4.20E-15	1.88E-15	17
BP	GO:0032496	19/71	330/18670	1.13E-17	4.20E-15	1.88E-15	19
BP	GO:0070482	20/71	394/18670	1.60E-17	5.37E-15	2.40E-15	20
BP	GO:0002237	19/71	343/18670	2.31E-17	7.05E-15	3.16E-15	19
BP	GO:0044706	16/71	222/18670	1.67E-16	4.65E-14	2.08E-14	16
BP	GO:0071496	18/71	339/18670	3.81E-16	9.83E-14	4.40E-14	18
BP	GO:0007565	15/71	192/18670	4.84E-16	1.13E-13	5.05E-14	15
BP	GO:0097193	17/71	289/18670	5.14E-16	1.13E-13	5.05E-14	17
BP	GO:0051402	16/71	239/18670	5.38E-16	1.13E-13	5.05E-14	16
BP	GO:2000377	15/71	195/18670	6.11E-16	1.21E-13	5.40E-14	15

BP	GO:0001666	18/71	359/18670	1.04E-15	1.89E-13	8.45E-14	18
BP	GO:0034599	17/71	302/18670	1.07E-15	1.89E-13	8.45E-14	17
BP	GO:0048608	19/71	431/18670	1.55E-15	2.61E-13	1.17E-13	19
BP	GO:0036293	18/71	370/18670	1.76E-15	2.69E-13	1.20E-13	18
BP	GO:0061458	19/71	434/18670	1.76E-15	2.69E-13	1.20E-13	19
BP	GO:0048660	14/71	169/18670	2.21E-15	3.23E-13	1.45E-13	14
BP	GO:0048659	14/71	171/18670	2.61E-15	3.65E-13	1.63E-13	14
BP	GO:0009314	19/71	448/18670	3.14E-15	4.22E-13	1.89E-13	19
BP	GO:0006979	19/71	451/18670	3.55E-15	4.58E-13	2.05E-13	19
BP	GO:0046677	17/71	327/18670	4.00E-15	4.96E-13	2.22E-13	17
BP	GO:0042110	19/71	464/18670	5.94E-15	7.12E-13	3.19E-13	19
BP	GO:0000302	15/71	232/18670	8.15E-15	9.43E-13	4.22E-13	15
BP	GO:0071276	9/71	37/18670	1.12E-14	1.26E-12	5.63E-13	9
BP	GO:0033002	15/71	239/18670	1.27E-14	1.37E-12	6.13E-13	15
BP	GO:1901654	14/71	193/18670	1.42E-14	1.49E-12	6.68E-13	14
BP	GO:0009266	15/71	243/18670	1.62E-14	1.64E-12	7.36E-13	15
BP	GO:1903409	12/71	122/18670	3.23E-14	3.18E-12	1.43E-12	12
BP	GO:0043523	14/71	210/18670	4.60E-14	4.40E-12	1.97E-12	14
BP	GO:2000379	11/71	102/18670	1.45E-13	1.35E-11	6.06E-12	11
BP	GO:2001237	11/71	104/18670	1.81E-13	1.64E-11	7.34E-12	11
BP	GO:0071248	13/71	190/18670	2.88E-13	2.52E-11	1.13E-11	13
BP	GO:0006809	10/71	77/18670	2.93E-13	2.52E-11	1.13E-11	10
BP	GO:1903037	15/71	304/18670	4.28E-13	3.59E-11	1.61E-11	15
BP	GO:0046209	10/71	82/18670	5.63E-13	4.61E-11	2.06E-11	10
BP	GO:2001236	12/71	155/18670	5.85E-13	4.67E-11	2.09E-11	12
BP	GO:2001057	10/71	85/18670	8.17E-13	6.37E-11	2.85E-11	10
BP	GO:0048545	16/71	385/18670	8.94E-13	6.81E-11	3.05E-11	16
BP	GO:0007568	15/71	321/18670	9.40E-13	7.00E-11	3.14E-11	15
BP	GO:0062012	17/71	459/18670	9.98E-13	7.27E-11	3.26E-11	17
BP	GO:0071214	15/71	331/18670	1.46E-12	1.02E-10	4.58E-11	15
BP	GO:0104004	15/71	331/18670	1.46E-12	1.02E-10	4.58E-11	15
BP	GO:0034614	12/71	168/18670	1.53E-12	1.05E-10	4.70E-11	12
BP	GO:0071241	13/71	217/18670	1.58E-12	1.06E-10	4.75E-11	13
BP	GO:0007159	15/71	337/18670	1.89E-12	1.24E-10	5.58E-11	15
BP	GO:0046686	9/71	63/18670	1.98E-12	1.28E-10	5.71E-11	9
BP	GO:0048871	17/71	485/18670	2.41E-12	1.52E-10	6.82E-11	17
BP	GO:0050673	16/71	434/18670	5.49E-12	3.41E-10	1.53E-10	16
BP	GO:0035296	11/71	143/18670	6.24E-12	3.67E-10	1.64E-10	11
BP	GO:0050880	11/71	143/18670	6.24E-12	3.67E-10	1.64E-10	11
BP	GO:0097746	11/71	143/18670	6.24E-12	3.67E-10	1.64E-10	11
BP	GO:0035150	11/71	144/18670	6.73E-12	3.87E-10	1.73E-10	11
BP	GO:0038034	9/71	72/18670	6.92E-12	3.87E-10	1.73E-10	9
BP	GO:0097192	9/71	72/18670	6.92E-12	3.87E-10	1.73E-10	9
BP	GO:0042136	10/71	106/18670	7.81E-12	4.29E-10	1.92E-10	10
BP	GO:0051098	15/71	373/18670	8.07E-12	4.37E-10	1.96E-10	15
BP	GO:0010212	11/71	147/18670	8.44E-12	4.49E-10	2.01E-10	11
BP	GO:0001890	11/71	152/18670	1.22E-11	6.38E-10	2.86E-10	11
BP	GO:1901215	12/71	208/18670	1.91E-11	9.87E-10	4.42E-10	12
BP	GO:0031668	13/71	268/18670	2.27E-11	1.16E-09	5.18E-10	13
BP	GO:0022407	15/71	403/18670	2.42E-11	1.21E-09	5.42E-10	15
BP	GO:2001242	11/71	165/18670	2.98E-11	1.47E-09	6.57E-10	11
BP	GO:1903039	12/71	218/18670	3.31E-11	1.61E-09	7.21E-10	12
BP	GO:0007584	12/71	219/18670	3.50E-11	1.67E-09	7.50E-10	12
BP	GO:0001101	14/71	343/18670	3.58E-11	1.69E-09	7.58E-10	14
BP	GO:1901342	15/71	422/18670	4.62E-11	2.15E-09	9.64E-10	15
BP	GO:0010631	14/71	351/18670	4.87E-11	2.24E-09	1.00E-09	14
BP	GO:0003018	11/71	173/18670	4.97E-11	2.25E-09	1.01E-09	11
BP	GO:0090132	14/71	354/18670	5.45E-11	2.44E-09	1.09E-09	14
BP	GO:0009408	11/71	176/18670	5.99E-11	2.64E-09	1.18E-09	11
BP	GO:1904018	12/71	230/18670	6.19E-11	2.69E-09	1.21E-09	12
BP	GO:0090130	14/71	360/18670	6.80E-11	2.93E-09	1.31E-09	14
BP	GO:0097305	12/71	233/18670	7.19E-11	3.05E-09	1.37E-09	12
BP	GO:1901655	9/71	93/18670	7.35E-11	3.08E-09	1.38E-09	9

BP	GO:0071453	12/71	234/18670	7.56E-11	3.13E-09	1.40E-09	12
BP	GO:1901216	9/71	94/18670	8.10E-11	3.31E-09	1.48E-09	9
BP	GO:0071216	12/71	236/18670	8.34E-11	3.37E-09	1.51E-09	12
BP	GO:0032768	8/71	64/18670	1.09E-10	4.35E-09	1.95E-09	8
BP	GO:0050678	14/71	378/18670	1.29E-10	5.11E-09	2.29E-09	14
BP	GO:0045765	14/71	383/18670	1.54E-10	6.00E-09	2.69E-09	14
BP	GO:0048661	9/71	101/18670	1.56E-10	6.00E-09	2.69E-09	9
BP	GO:0050863	13/71	314/18670	1.63E-10	6.21E-09	2.78E-09	13
BP	GO:0022409	12/71	255/18670	2.04E-10	7.68E-09	3.44E-09	12
BP	GO:0043524	10/71	147/18670	2.06E-10	7.68E-09	3.44E-09	10
BP	GO:0045766	11/71	204/18670	2.92E-10	1.08E-08	4.82E-09	11
BP	GO:0042133	10/71	153/18670	3.06E-10	1.10E-08	4.94E-09	10
BP	GO:0062013	10/71	153/18670	3.06E-10	1.10E-08	4.94E-09	10
BP	GO:0051249	15/71	485/18670	3.22E-10	1.15E-08	5.14E-09	15
BP	GO:0009612	11/71	210/18670	3.98E-10	1.40E-08	6.29E-09	11
BP	GO:0061614	7/71	47/18670	4.73E-10	1.65E-08	7.41E-09	7
BP	GO:0060249	14/71	437/18670	8.60E-10	2.92E-08	1.31E-08	14
BP	GO:0007566	7/71	51/18670	8.61E-10	2.92E-08	1.31E-08	7
BP	GO:0050999	7/71	51/18670	8.61E-10	2.92E-08	1.31E-08	7
BP	GO:0001894	11/71	227/18670	9.09E-10	3.02E-08	1.35E-08	11
BP	GO:0010634	10/71	171/18670	9.10E-10	3.02E-08	1.35E-08	10
BP	GO:0009410	12/71	292/18670	9.62E-10	3.16E-08	1.42E-08	12
BP	GO:0008637	9/71	124/18670	9.88E-10	3.21E-08	1.44E-08	9
BP	GO:0032102	13/71	365/18670	1.03E-09	3.32E-08	1.49E-08	13
BP	GO:0048511	12/71	295/18670	1.08E-09	3.45E-08	1.55E-08	12
BP	GO:0008625	8/71	86/18670	1.22E-09	3.86E-08	1.73E-08	8
BP	GO:0048771	10/71	179/18670	1.42E-09	4.41E-08	1.97E-08	10
BP	GO:1903034	10/71	179/18670	1.42E-09	4.41E-08	1.97E-08	10
BP	GO:0031669	11/71	237/18670	1.43E-09	4.41E-08	1.97E-08	11
BP	GO:0010332	7/71	56/18670	1.70E-09	5.18E-08	2.32E-08	7
BP	GO:0001667	14/71	461/18670	1.71E-09	5.18E-08	2.32E-08	14
BP	GO:2000045	10/71	184/18670	1.86E-09	5.53E-08	2.48E-08	10
BP	GO:0001819	14/71	464/18670	1.86E-09	5.53E-08	2.48E-08	14
BP	GO:0034349	5/71	15/18670	2.01E-09	5.91E-08	2.65E-08	5
BP	GO:0034612	12/71	312/18670	2.04E-09	5.94E-08	2.66E-08	12
BP	GO:0001836	7/71	59/18670	2.48E-09	7.16E-08	3.21E-08	7
BP	GO:0001503	13/71	398/18670	2.93E-09	8.40E-08	3.76E-08	13
BP	GO:0008585	8/71	96/18670	2.96E-09	8.42E-08	3.77E-08	8
BP	GO:0009411	9/71	141/18670	3.09E-09	8.72E-08	3.90E-08	9
BP	GO:0016049	14/71	484/18670	3.20E-09	8.94E-08	4.00E-08	14
BP	GO:0019216	13/71	410/18670	4.19E-09	1.16E-07	5.18E-08	13
BP	GO:0055123	9/71	146/18670	4.21E-09	1.16E-07	5.18E-08	9
BP	GO:0051251	12/71	334/18670	4.39E-09	1.19E-07	5.34E-08	12
BP	GO:0060135	7/71	64/18670	4.44E-09	1.19E-07	5.34E-08	7
BP	GO:0046545	8/71	101/18670	4.45E-09	1.19E-07	5.34E-08	8
BP	GO:0050870	10/71	202/18670	4.58E-09	1.21E-07	5.41E-08	10
BP	GO:1902806	10/71	202/18670	4.58E-09	1.21E-07	5.41E-08	10
BP	GO:0007596	12/71	336/18670	4.69E-09	1.22E-07	5.48E-08	12
BP	GO:0050900	14/71	499/18670	4.72E-09	1.22E-07	5.48E-08	14
BP	GO:0061041	9/71	148/18670	4.74E-09	1.22E-07	5.48E-08	9
BP	GO:0001558	13/71	416/18670	4.98E-09	1.28E-07	5.72E-08	13
BP	GO:0071222	10/71	205/18670	5.27E-09	1.34E-07	6.00E-08	10
BP	GO:0045428	7/71	66/18670	5.54E-09	1.39E-07	6.21E-08	7
BP	GO:0007599	12/71	341/18670	5.54E-09	1.39E-07	6.21E-08	12
BP	GO:0008630	8/71	104/18670	5.62E-09	1.39E-07	6.25E-08	8
BP	GO:0050817	12/71	342/18670	5.72E-09	1.41E-07	6.32E-08	12
BP	GO:0071456	10/71	207/18670	5.79E-09	1.42E-07	6.35E-08	10
BP	GO:0046651	11/71	272/18670	6.06E-09	1.47E-07	6.60E-08	11
BP	GO:0032943	11/71	274/18670	6.54E-09	1.58E-07	7.07E-08	11
BP	GO:0051341	8/71	107/18670	7.04E-09	1.69E-07	7.56E-08	8
BP	GO:1902042	6/71	39/18670	7.20E-09	1.71E-07	7.67E-08	6
BP	GO:0071219	10/71	212/18670	7.28E-09	1.72E-07	7.70E-08	10
BP	GO:0051090	13/71	432/18670	7.82E-09	1.83E-07	8.22E-08	13

BP	GO:0048732	13/71	434/18670	8.27E-09	1.92E-07	8.62E-08	13
BP	GO:0036294	10/71	217/18670	9.10E-09	2.10E-07	9.43E-08	10
BP	GO:1904019	8/71	111/18670	9.43E-09	2.17E-07	9.70E-08	8
BP	GO:1902893	6/71	41/18670	9.87E-09	2.25E-07	1.01E-07	6
BP	GO:0042063	11/71	290/18670	1.18E-08	2.67E-07	1.20E-07	11
BP	GO:0010632	11/71	291/18670	1.22E-08	2.75E-07	1.23E-07	11
BP	GO:0046660	8/71	115/18670	1.25E-08	2.79E-07	1.25E-07	8
BP	GO:0030198	12/71	368/18670	1.29E-08	2.87E-07	1.29E-07	12
BP	GO:0008631	6/71	43/18670	1.33E-08	2.90E-07	1.30E-07	6
BP	GO:0045429	6/71	43/18670	1.33E-08	2.90E-07	1.30E-07	6
BP	GO:0035690	12/71	369/18670	1.33E-08	2.90E-07	1.30E-07	12
BP	GO:0051100	9/71	169/18670	1.52E-08	3.28E-07	1.47E-07	9
BP	GO:1904407	6/71	44/18670	1.54E-08	3.30E-07	1.48E-07	6
BP	GO:0070661	11/71	298/18670	1.56E-08	3.31E-07	1.48E-07	11
BP	GO:0090068	11/71	298/18670	1.56E-08	3.31E-07	1.48E-07	11
BP	GO:0002696	12/71	380/18670	1.85E-08	3.89E-07	1.74E-07	12
BP	GO:0030193	7/71	79/18670	1.98E-08	4.15E-07	1.86E-07	7
BP	GO:1900046	7/71	80/18670	2.16E-08	4.51E-07	2.02E-07	7
BP	GO:2001235	9/71	179/18670	2.50E-08	5.18E-07	2.32E-07	9
BP	GO:0071466	9/71	180/18670	2.62E-08	5.40E-07	2.42E-07	9
BP	GO:0009416	11/71	314/18670	2.67E-08	5.46E-07	2.44E-07	11
BP	GO:0010959	12/71	394/18670	2.75E-08	5.56E-07	2.49E-07	12
BP	GO:0050867	12/71	394/18670	2.75E-08	5.56E-07	2.49E-07	12
BP	GO:0006970	7/71	83/18670	2.80E-08	5.60E-07	2.51E-07	7
BP	GO:0048145	7/71	83/18670	2.80E-08	5.60E-07	2.51E-07	7
BP	GO:0008217	9/71	182/18670	2.89E-08	5.70E-07	2.55E-07	9
BP	GO:0010821	9/71	182/18670	2.89E-08	5.70E-07	2.55E-07	9
BP	GO:0035094	6/71	49/18670	3.00E-08	5.84E-07	2.62E-07	6
BP	GO:0051205	6/71	49/18670	3.00E-08	5.84E-07	2.62E-07	6
BP	GO:0048144	7/71	84/18670	3.05E-08	5.88E-07	2.63E-07	7
BP	GO:0050818	7/71	84/18670	3.05E-08	5.88E-07	2.63E-07	7
BP	GO:0042098	9/71	184/18670	3.17E-08	6.08E-07	2.72E-07	9
BP	GO:0045926	10/71	249/18670	3.36E-08	6.41E-07	2.87E-07	10
BP	GO:0009409	6/71	50/18670	3.40E-08	6.43E-07	2.88E-07	6
BP	GO:0045785	12/71	403/18670	3.53E-08	6.65E-07	2.98E-07	12
BP	GO:0032103	11/71	323/18670	3.56E-08	6.67E-07	2.99E-07	11
BP	GO:1905475	9/71	187/18670	3.65E-08	6.80E-07	3.05E-07	9
BP	GO:1903829	11/71	324/18670	3.68E-08	6.81E-07	3.05E-07	11
BP	GO:0048565	8/71	134/18670	4.15E-08	7.65E-07	3.43E-07	8
BP	GO:0097194	7/71	88/18670	4.22E-08	7.74E-07	3.47E-07	7
BP	GO:0034605	8/71	137/18670	4.93E-08	8.96E-07	4.01E-07	8
BP	GO:1903035	7/71	90/18670	4.94E-08	8.96E-07	4.01E-07	7
BP	GO:0033135	8/71	139/18670	5.53E-08	9.96E-07	4.46E-07	8
BP	GO:0043062	12/71	422/18670	5.84E-08	1.05E-06	4.69E-07	12
BP	GO:0033273	7/71	93/18670	6.21E-08	1.11E-06	4.96E-07	7
BP	GO:0048638	11/71	347/18670	7.38E-08	1.31E-06	5.87E-07	11
BP	GO:0043525	6/71	57/18670	7.59E-08	1.33E-06	5.96E-07	6
BP	GO:1903428	6/71	57/18670	7.59E-08	1.33E-06	5.96E-07	6
BP	GO:0010575	5/71	29/18670	7.62E-08	1.33E-06	5.96E-07	5
BP	GO:0051384	8/71	146/18670	8.10E-08	1.41E-06	6.30E-07	8
BP	GO:1902041	6/71	58/18670	8.44E-08	1.46E-06	6.54E-07	6
BP	GO:2001243	7/71	98/18670	8.93E-08	1.54E-06	6.88E-07	7
BP	GO:0050670	9/71	208/18670	9.11E-08	1.55E-06	6.96E-07	9
BP	GO:0001844	5/71	30/18670	9.12E-08	1.55E-06	6.96E-07	5
BP	GO:0010623	4/71	12/18670	9.29E-08	1.57E-06	7.05E-07	4
BP	GO:0097755	6/71	59/18670	9.37E-08	1.58E-06	7.07E-07	6
BP	GO:0014074	8/71	149/18670	9.48E-08	1.58E-06	7.10E-07	8
BP	GO:0032944	9/71	209/18670	9.49E-08	1.58E-06	7.10E-07	9
BP	GO:0000082	10/71	279/18670	9.78E-08	1.62E-06	7.27E-07	10
BP	GO:1903426	7/71	101/18670	1.10E-07	1.82E-06	8.14E-07	7
BP	GO:2001244	6/71	61/18670	1.15E-07	1.89E-06	8.45E-07	6
BP	GO:0051348	10/71	285/18670	1.19E-07	1.95E-06	8.74E-07	10
BP	GO:0043281	9/71	215/18670	1.21E-07	1.97E-06	8.82E-07	9

BP	GO:0045907	5/71	32/18670	1.28E-07	2.08E-06	9.30E-07	5
BP	GO:0008406	9/71	217/18670	1.31E-07	2.11E-06	9.45E-07	9
BP	GO:1904951	12/71	456/18670	1.35E-07	2.17E-06	9.73E-07	12
BP	GO:0010001	9/71	218/18670	1.36E-07	2.17E-06	9.73E-07	9
BP	GO:0033138	7/71	105/18670	1.44E-07	2.29E-06	1.02E-06	7
BP	GO:0071356	10/71	291/18670	1.45E-07	2.29E-06	1.03E-06	10
BP	GO:0002526	9/71	220/18670	1.47E-07	2.31E-06	1.04E-06	9
BP	GO:0051204	5/71	33/18670	1.51E-07	2.36E-06	1.06E-06	5
BP	GO:0070663	9/71	222/18670	1.59E-07	2.48E-06	1.11E-06	9
BP	GO:0045137	9/71	223/18670	1.65E-07	2.56E-06	1.15E-06	9
BP	GO:0010574	5/71	34/18670	1.76E-07	2.72E-06	1.22E-06	5
BP	GO:0042326	12/71	468/18670	1.79E-07	2.76E-06	1.23E-06	12
BP	GO:0044843	10/71	298/18670	1.80E-07	2.76E-06	1.23E-06	10
BP	GO:0031960	8/71	162/18670	1.81E-07	2.76E-06	1.23E-06	8
BP	GO:0006631	11/71	383/18670	1.99E-07	3.03E-06	1.36E-06	11
BP	GO:0042108	6/71	67/18670	2.03E-07	3.05E-06	1.37E-06	6
BP	GO:0048662	6/71	67/18670	2.03E-07	3.05E-06	1.37E-06	6
BP	GO:0001893	5/71	35/18670	2.05E-07	3.05E-06	1.37E-06	5
BP	GO:1901030	5/71	35/18670	2.05E-07	3.05E-06	1.37E-06	5
BP	GO:1901653	11/71	385/18670	2.10E-07	3.12E-06	1.40E-06	11
BP	GO:0045787	11/71	389/18670	2.33E-07	3.44E-06	1.54E-06	11
BP	GO:0010573	5/71	36/18670	2.37E-07	3.46E-06	1.55E-06	5
BP	GO:1901099	5/71	36/18670	2.37E-07	3.46E-06	1.55E-06	5
BP	GO:2001240	5/71	36/18670	2.37E-07	3.46E-06	1.55E-06	5
BP	GO:0032963	7/71	115/18670	2.69E-07	3.90E-06	1.75E-06	7
BP	GO:2000116	9/71	239/18670	2.97E-07	4.29E-06	1.92E-06	9
BP	GO:0010822	7/71	117/18670	3.02E-07	4.35E-06	1.95E-06	7
BP	GO:0001936	8/71	176/18670	3.41E-07	4.89E-06	2.19E-06	8
BP	GO:0048872	9/71	246/18670	3.78E-07	5.40E-06	2.42E-06	9
BP	GO:0150076	6/71	75/18670	3.99E-07	5.67E-06	2.54E-06	6
BP	GO:1905477	7/71	122/18670	4.02E-07	5.69E-06	2.55E-06	7
BP	GO:0042180	9/71	248/18670	4.05E-07	5.70E-06	2.56E-06	9
BP	GO:0006352	9/71	249/18670	4.19E-07	5.88E-06	2.63E-06	9
BP	GO:0010565	8/71	181/18670	4.22E-07	5.90E-06	2.64E-06	8
BP	GO:0046902	6/71	76/18670	4.32E-07	5.99E-06	2.68E-06	6
BP	GO:0061045	6/71	76/18670	4.32E-07	5.99E-06	2.68E-06	6
BP	GO:0031649	4/71	17/18670	4.40E-07	6.07E-06	2.72E-06	4
BP	GO:0051101	7/71	124/18670	4.49E-07	6.18E-06	2.77E-06	7
BP	GO:0051235	10/71	330/18670	4.62E-07	6.32E-06	2.83E-06	10
BP	GO:0008202	10/71	331/18670	4.74E-07	6.44E-06	2.89E-06	10
BP	GO:2000134	7/71	125/18670	4.75E-07	6.44E-06	2.89E-06	7
BP	GO:0051924	9/71	254/18670	4.95E-07	6.69E-06	3.00E-06	9
BP	GO:0030336	10/71	334/18670	5.15E-07	6.94E-06	3.11E-06	10
BP	GO:0030308	8/71	186/18670	5.20E-07	6.97E-06	3.12E-06	8
BP	GO:0050730	9/71	256/18670	5.28E-07	7.06E-06	3.16E-06	9
BP	GO:0043536	6/71	79/18670	5.45E-07	7.22E-06	3.23E-06	6
BP	GO:0071260	6/71	79/18670	5.45E-07	7.22E-06	3.23E-06	6
BP	GO:0006367	8/71	188/18670	5.64E-07	7.44E-06	3.33E-06	8
BP	GO:0045930	10/71	338/18670	5.74E-07	7.55E-06	3.38E-06	10
BP	GO:0001933	11/71	429/18670	6.15E-07	8.06E-06	3.61E-06	11
BP	GO:0050671	7/71	130/18670	6.19E-07	8.08E-06	3.62E-06	7
BP	GO:0001935	8/71	191/18670	6.35E-07	8.26E-06	3.70E-06	8
BP	GO:0032946	7/71	131/18670	6.52E-07	8.41E-06	3.77E-06	7
BP	GO:1902807	7/71	131/18670	6.52E-07	8.41E-06	3.77E-06	7
BP	GO:1901028	5/71	44/18670	6.67E-07	8.57E-06	3.84E-06	5
BP	GO:0045913	6/71	83/18670	7.31E-07	9.35E-06	4.19E-06	6
BP	GO:0007006	7/71	134/18670	7.61E-07	9.66E-06	4.33E-06	7
BP	GO:0046683	7/71	134/18670	7.61E-07	9.66E-06	4.33E-06	7
BP	GO:2000146	10/71	349/18670	7.69E-07	9.73E-06	4.36E-06	10
BP	GO:0002685	8/71	196/18670	7.73E-07	9.74E-06	4.36E-06	8
BP	GO:0007548	9/71	270/18670	8.24E-07	1.04E-05	4.64E-06	9
BP	GO:0031099	8/71	198/18670	8.34E-07	1.04E-05	4.68E-06	8
BP	GO:1904705	6/71	85/18670	8.42E-07	1.05E-05	4.68E-06	6

BP	GO:1990874	6/71	85/18670	8.42E-07	1.05E-05	4.68E-06	6
BP	GO:1901990	11/71	444/18670	8.62E-07	1.07E-05	4.78E-06	11
BP	GO:0001505	10/71	354/18670	8.75E-07	1.08E-05	4.83E-06	10
BP	GO:0072655	7/71	137/18670	8.83E-07	1.08E-05	4.86E-06	7
BP	GO:0070542	6/71	86/18670	9.02E-07	1.10E-05	4.92E-06	6
BP	GO:0090559	6/71	86/18670	9.02E-07	1.10E-05	4.92E-06	6
BP	GO:0043542	9/71	273/18670	9.04E-07	1.10E-05	4.92E-06	9
BP	GO:0006953	5/71	47/18670	9.34E-07	1.13E-05	5.05E-06	5
BP	GO:2001239	5/71	47/18670	9.34E-07	1.13E-05	5.05E-06	5
BP	GO:0043270	9/71	275/18670	9.60E-07	1.15E-05	5.17E-06	9
BP	GO:0001892	6/71	87/18670	9.66E-07	1.16E-05	5.18E-06	6
BP	GO:0070665	7/71	139/18670	9.74E-07	1.16E-05	5.21E-06	7
BP	GO:0052547	11/71	452/18670	1.03E-06	1.22E-05	5.47E-06	11
BP	GO:0090199	5/71	48/18670	1.04E-06	1.23E-05	5.52E-06	5
BP	GO:0031331	10/71	361/18670	1.04E-06	1.23E-05	5.53E-06	10
BP	GO:0070585	7/71	141/18670	1.07E-06	1.26E-05	5.65E-06	7
BP	GO:0055093	4/71	21/18670	1.09E-06	1.28E-05	5.75E-06	4
BP	GO:0038127	7/71	142/18670	1.12E-06	1.30E-05	5.84E-06	7
BP	GO:0006109	8/71	206/18670	1.12E-06	1.30E-05	5.84E-06	8
BP	GO:0050679	8/71	206/18670	1.12E-06	1.30E-05	5.84E-06	8
BP	GO:0007623	8/71	208/18670	1.21E-06	1.40E-05	6.26E-06	8
BP	GO:0071229	8/71	209/18670	1.25E-06	1.44E-05	6.44E-06	8
BP	GO:0014909	6/71	91/18670	1.26E-06	1.44E-05	6.44E-06	6
BP	GO:0045639	6/71	91/18670	1.26E-06	1.44E-05	6.44E-06	6
BP	GO:0060333	6/71	91/18670	1.26E-06	1.44E-05	6.44E-06	6
BP	GO:0034976	9/71	285/18670	1.29E-06	1.47E-05	6.57E-06	9
BP	GO:0071901	7/71	145/18670	1.29E-06	1.47E-05	6.57E-06	7
BP	GO:0010869	4/71	22/18670	1.33E-06	1.51E-05	6.74E-06	4
BP	GO:0042542	7/71	146/18670	1.36E-06	1.52E-05	6.81E-06	7
BP	GO:0045834	7/71	146/18670	1.36E-06	1.52E-05	6.81E-06	7
BP	GO:0001701	10/71	373/18670	1.40E-06	1.57E-05	7.03E-06	10
BP	GO:0036473	6/71	93/18670	1.43E-06	1.60E-05	7.15E-06	6
BP	GO:0014065	7/71	148/18670	1.48E-06	1.65E-05	7.38E-06	7
BP	GO:0043393	8/71	217/18670	1.66E-06	1.84E-05	8.23E-06	8
BP	GO:0030195	5/71	53/18670	1.72E-06	1.89E-05	8.48E-06	5
BP	GO:0019217	6/71	96/18670	1.73E-06	1.90E-05	8.50E-06	6
BP	GO:0051271	10/71	384/18670	1.82E-06	2.00E-05	8.94E-06	10
BP	GO:0015908	6/71	97/18670	1.83E-06	2.00E-05	8.98E-06	6
BP	GO:1901987	11/71	480/18670	1.84E-06	2.01E-05	8.99E-06	11
BP	GO:0030168	7/71	153/18670	1.85E-06	2.01E-05	9.01E-06	7
BP	GO:0002763	5/71	54/18670	1.89E-06	2.02E-05	9.05E-06	5
BP	GO:0097345	5/71	54/18670	1.89E-06	2.02E-05	9.05E-06	5
BP	GO:1900047	5/71	54/18670	1.89E-06	2.02E-05	9.05E-06	5
BP	GO:1904645	5/71	54/18670	1.89E-06	2.02E-05	9.05E-06	5
BP	GO:0018105	9/71	299/18670	1.92E-06	2.05E-05	9.17E-06	9
BP	GO:0046697	4/71	24/18670	1.93E-06	2.05E-05	9.18E-06	4
BP	GO:0050727	11/71	485/18670	2.04E-06	2.16E-05	9.68E-06	11
BP	GO:0001541	5/71	55/18670	2.07E-06	2.19E-05	9.80E-06	5
BP	GO:0007259	7/71	156/18670	2.11E-06	2.21E-05	9.91E-06	7
BP	GO:0042129	7/71	156/18670	2.11E-06	2.21E-05	9.91E-06	7
BP	GO:0043535	7/71	156/18670	2.11E-06	2.21E-05	9.91E-06	7
BP	GO:0043271	7/71	157/18670	2.20E-06	2.29E-05	1.03E-05	7
BP	GO:1905952	7/71	157/18670	2.20E-06	2.29E-05	1.03E-05	7
BP	GO:0040013	10/71	396/18670	2.40E-06	2.49E-05	1.12E-05	10
BP	GO:0050819	5/71	57/18670	2.48E-06	2.56E-05	1.15E-05	5
BP	GO:0032091	6/71	103/18670	2.61E-06	2.69E-05	1.21E-05	6
BP	GO:0030194	4/71	26/18670	2.69E-06	2.72E-05	1.22E-05	4
BP	GO:0032800	4/71	26/18670	2.69E-06	2.72E-05	1.22E-05	4
BP	GO:1900048	4/71	26/18670	2.69E-06	2.72E-05	1.22E-05	4
BP	GO:1900739	4/71	26/18670	2.69E-06	2.72E-05	1.22E-05	4
BP	GO:1900740	4/71	26/18670	2.69E-06	2.72E-05	1.22E-05	4
BP	GO:0019229	5/71	58/18670	2.70E-06	2.72E-05	1.22E-05	5
BP	GO:0031663	5/71	58/18670	2.70E-06	2.72E-05	1.22E-05	5

BP	GO:0032722	5/71	58/18670	2.70E-06	2.72E-05	1.22E-05	5
BP	GO:0014812	6/71	104/18670	2.76E-06	2.76E-05	1.24E-05	6
BP	GO:0071887	6/71	104/18670	2.76E-06	2.76E-05	1.24E-05	6
BP	GO:0045931	7/71	163/18670	2.83E-06	2.82E-05	1.26E-05	7
BP	GO:0006469	8/71	235/18670	3.01E-06	2.99E-05	1.34E-05	8
BP	GO:0007093	7/71	165/18670	3.07E-06	3.04E-05	1.36E-05	7
BP	GO:0050820	4/71	27/18670	3.15E-06	3.11E-05	1.39E-05	4
BP	GO:1902175	4/71	27/18670	3.15E-06	3.11E-05	1.39E-05	4
BP	GO:0097696	7/71	166/18670	3.19E-06	3.13E-05	1.40E-05	7
BP	GO:1902110	5/71	60/18670	3.20E-06	3.13E-05	1.40E-05	5
BP	GO:0007050	8/71	237/18670	3.20E-06	3.13E-05	1.40E-05	8
BP	GO:0090303	5/71	61/18670	3.48E-06	3.39E-05	1.52E-05	5
BP	GO:0018209	9/71	322/18670	3.52E-06	3.42E-05	1.53E-05	9
BP	GO:0032770	4/71	28/18670	3.67E-06	3.54E-05	1.58E-05	4
BP	GO:0036296	4/71	28/18670	3.67E-06	3.54E-05	1.58E-05	4
BP	GO:0042730	4/71	28/18670	3.67E-06	3.54E-05	1.58E-05	4
BP	GO:0030099	10/71	416/18670	3.72E-06	3.57E-05	1.60E-05	10
BP	GO:0002260	5/71	62/18670	3.77E-06	3.59E-05	1.61E-05	5
BP	GO:0046824	5/71	62/18670	3.77E-06	3.59E-05	1.61E-05	5
BP	GO:1902686	5/71	62/18670	3.77E-06	3.59E-05	1.61E-05	5
BP	GO:0009615	9/71	326/18670	3.89E-06	3.69E-05	1.65E-05	9
BP	GO:0010506	9/71	327/18670	3.99E-06	3.78E-05	1.69E-05	9
BP	GO:0001655	9/71	330/18670	4.29E-06	4.06E-05	1.82E-05	9
BP	GO:0009896	10/71	423/18670	4.31E-06	4.06E-05	1.82E-05	10
BP	GO:0035794	5/71	64/18670	4.42E-06	4.15E-05	1.86E-05	5
BP	GO:0043200	6/71	113/18670	4.47E-06	4.19E-05	1.88E-05	6
BP	GO:0052548	10/71	425/18670	4.49E-06	4.20E-05	1.88E-05	10
BP	GO:0090150	9/71	332/18670	4.51E-06	4.20E-05	1.88E-05	9
BP	GO:0042035	6/71	114/18670	4.71E-06	4.37E-05	1.96E-05	6
BP	GO:0071902	9/71	334/18670	4.73E-06	4.38E-05	1.96E-05	9
BP	GO:0071383	8/71	250/18670	4.75E-06	4.39E-05	1.97E-05	8
BP	GO:0048568	10/71	428/18670	4.78E-06	4.40E-05	1.97E-05	10
BP	GO:0001782	4/71	30/18670	4.88E-06	4.47E-05	2.00E-05	4
BP	GO:0071480	4/71	30/18670	4.88E-06	4.47E-05	2.00E-05	4
BP	GO:1902108	5/71	66/18670	5.15E-06	4.69E-05	2.10E-05	5
BP	GO:1905710	5/71	66/18670	5.15E-06	4.69E-05	2.10E-05	5
BP	GO:0007569	6/71	116/18670	5.21E-06	4.73E-05	2.12E-05	6
BP	GO:0071347	7/71	179/18670	5.25E-06	4.76E-05	2.13E-05	7
BP	GO:0043534	7/71	180/18670	5.45E-06	4.91E-05	2.20E-05	7
BP	GO:0071346	7/71	180/18670	5.45E-06	4.91E-05	2.20E-05	7
BP	GO:0010165	4/71	31/18670	5.59E-06	5.01E-05	2.25E-05	4
BP	GO:1902895	4/71	31/18670	5.59E-06	5.01E-05	2.25E-05	4
BP	GO:0048015	7/71	181/18670	5.65E-06	5.04E-05	2.26E-05	7
BP	GO:0006839	8/71	256/18670	5.65E-06	5.04E-05	2.26E-05	8
BP	GO:0033673	8/71	257/18670	5.82E-06	5.17E-05	2.32E-05	8
BP	GO:0019915	5/71	68/18670	5.97E-06	5.29E-05	2.37E-05	5
BP	GO:0001660	3/71	10/18670	6.20E-06	5.46E-05	2.45E-05	3
BP	GO:0032025	3/71	10/18670	6.20E-06	5.46E-05	2.45E-05	3
BP	GO:0051918	3/71	10/18670	6.20E-06	5.46E-05	2.45E-05	3
BP	GO:0048017	7/71	184/18670	6.29E-06	5.52E-05	2.47E-05	7
BP	GO:0042698	5/71	69/18670	6.41E-06	5.61E-05	2.52E-05	5
BP	GO:0050766	5/71	70/18670	6.89E-06	6.01E-05	2.69E-05	5
BP	GO:0010039	4/71	33/18670	7.23E-06	6.30E-05	2.82E-05	4
BP	GO:0042089	6/71	123/18670	7.30E-06	6.34E-05	2.84E-05	6
BP	GO:0030098	9/71	353/18670	7.40E-06	6.41E-05	2.87E-05	9
BP	GO:0014066	6/71	124/18670	7.65E-06	6.59E-05	2.95E-05	6
BP	GO:0042107	6/71	124/18670	7.65E-06	6.59E-05	2.95E-05	6
BP	GO:0051881	5/71	72/18670	7.91E-06	6.79E-05	3.04E-05	5
BP	GO:0061180	5/71	72/18670	7.91E-06	6.79E-05	3.04E-05	5
BP	GO:0045471	6/71	125/18670	8.01E-06	6.84E-05	3.06E-05	6
BP	GO:0042594	7/71	191/18670	8.04E-06	6.84E-05	3.06E-05	7
BP	GO:0071478	7/71	191/18670	8.04E-06	6.84E-05	3.06E-05	7
BP	GO:0043491	8/71	269/18670	8.12E-06	6.90E-05	3.09E-05	8

BP	GO:0043276	4/71	34/18670	8.17E-06	6.92E-05	3.10E-05	4
BP	GO:0050731	7/71	192/18670	8.32E-06	7.02E-05	3.15E-05	7
BP	GO:0006801	5/71	73/18670	8.47E-06	7.12E-05	3.19E-05	5
BP	GO:1903524	5/71	73/18670	8.47E-06	7.12E-05	3.19E-05	5
BP	GO:0046886	3/71	11/18670	8.51E-06	7.13E-05	3.19E-05	3
BP	GO:0032368	6/71	127/18670	8.78E-06	7.34E-05	3.29E-05	6
BP	GO:1900182	5/71	74/18670	9.06E-06	7.54E-05	3.38E-05	5
BP	GO:1903036	5/71	74/18670	9.06E-06	7.54E-05	3.38E-05	5
BP	GO:0010595	6/71	128/18670	9.18E-06	7.62E-05	3.41E-05	6
BP	GO:0018108	9/71	363/18670	9.26E-06	7.65E-05	3.43E-05	9
BP	GO:0045862	9/71	363/18670	9.26E-06	7.65E-05	3.43E-05	9
BP	GO:0006066	9/71	364/18670	9.47E-06	7.80E-05	3.49E-05	9
BP	GO:0006869	9/71	365/18670	9.68E-06	7.95E-05	3.56E-05	9
BP	GO:0018212	9/71	366/18670	9.89E-06	8.11E-05	3.63E-05	9
BP	GO:0001822	8/71	278/18670	1.03E-05	8.43E-05	3.77E-05	8
BP	GO:0042310	5/71	76/18670	1.03E-05	8.43E-05	3.77E-05	5
BP	GO:0017038	7/71	199/18670	1.05E-05	8.53E-05	3.82E-05	7
BP	GO:0034341	7/71	199/18670	1.05E-05	8.53E-05	3.82E-05	7
BP	GO:0048678	5/71	77/18670	1.10E-05	8.92E-05	4.00E-05	5
BP	GO:0030100	8/71	281/18670	1.12E-05	9.02E-05	4.04E-05	8
BP	GO:0045080	3/71	12/18670	1.13E-05	9.12E-05	4.08E-05	3
BP	GO:0034405	4/71	37/18670	1.15E-05	9.21E-05	4.12E-05	4
BP	GO:0043029	4/71	37/18670	1.15E-05	9.21E-05	4.12E-05	4
BP	GO:0045923	4/71	37/18670	1.15E-05	9.21E-05	4.12E-05	4
BP	GO:2000273	4/71	37/18670	1.15E-05	9.21E-05	4.12E-05	4
BP	GO:0072332	5/71	78/18670	1.17E-05	9.34E-05	4.18E-05	5
BP	GO:0032409	8/71	283/18670	1.17E-05	9.34E-05	4.18E-05	8
BP	GO:0032355	6/71	134/18670	1.19E-05	9.46E-05	4.24E-05	6
BP	GO:0002573	7/71	204/18670	1.23E-05	9.74E-05	4.36E-05	7
BP	GO:0034764	7/71	204/18670	1.23E-05	9.74E-05	4.36E-05	7
BP	GO:0050921	6/71	135/18670	1.25E-05	9.80E-05	4.39E-05	6
BP	GO:0046425	6/71	137/18670	1.35E-05	0.000106314	4.76E-05	6
BP	GO:0070555	7/71	207/18670	1.36E-05	0.000106314	4.76E-05	7
BP	GO:0007162	8/71	289/18670	1.37E-05	0.00010689	4.79E-05	8
BP	GO:0070838	10/71	483/18670	1.37E-05	0.000107181	4.80E-05	10
BP	GO:0048708	5/71	81/18670	1.41E-05	0.000109801	4.92E-05	5
BP	GO:0051701	7/71	209/18670	1.44E-05	0.0001121	5.02E-05	7
BP	GO:0090399	3/71	13/18670	1.47E-05	0.000113052	5.06E-05	3
BP	GO:0090594	3/71	13/18670	1.47E-05	0.000113052	5.06E-05	3
BP	GO:1902947	3/71	13/18670	1.47E-05	0.000113052	5.06E-05	3
BP	GO:0032642	5/71	82/18670	1.50E-05	0.000114987	5.15E-05	5
BP	GO:0034644	5/71	82/18670	1.50E-05	0.000114987	5.15E-05	5
BP	GO:0072001	8/71	293/18670	1.51E-05	0.000115396	5.17E-05	8
BP	GO:0009165	9/71	386/18670	1.51E-05	0.000115396	5.17E-05	9
BP	GO:0072511	10/71	489/18670	1.53E-05	0.000116526	5.22E-05	10
BP	GO:0071470	4/71	40/18670	1.58E-05	0.000120301	5.39E-05	4
BP	GO:1901293	9/71	390/18670	1.64E-05	0.000124371	5.57E-05	9
BP	GO:0014910	5/71	84/18670	1.69E-05	0.0001273	5.70E-05	5
BP	GO:0097756	5/71	84/18670	1.69E-05	0.0001273	5.70E-05	5
BP	GO:0006914	10/71	496/18670	1.73E-05	0.000129373	5.80E-05	10
BP	GO:0061919	10/71	496/18670	1.73E-05	0.000129373	5.80E-05	10
BP	GO:0006606	6/71	143/18670	1.73E-05	0.000129373	5.80E-05	6
BP	GO:0030879	6/71	143/18670	1.73E-05	0.000129373	5.80E-05	6
BP	GO:0000075	7/71	216/18670	1.79E-05	0.000133447	5.98E-05	7
BP	GO:1904064	6/71	144/18670	1.80E-05	0.000133998	6.00E-05	6
BP	GO:0050920	7/71	217/18670	1.84E-05	0.000136872	6.13E-05	7
BP	GO:0051917	3/71	14/18670	1.86E-05	0.000138095	6.19E-05	3
BP	GO:0001776	5/71	86/18670	1.89E-05	0.000139618	6.25E-05	5
BP	GO:0006919	5/71	86/18670	1.89E-05	0.000139618	6.25E-05	5
BP	GO:0035264	6/71	146/18670	1.94E-05	0.000142999	6.41E-05	6
BP	GO:1904892	6/71	146/18670	1.94E-05	0.000142999	6.41E-05	6
BP	GO:0060326	8/71	304/18670	1.97E-05	0.000144471	6.47E-05	8
BP	GO:0010876	9/71	400/18670	2.00E-05	0.000146612	6.57E-05	9

BP	GO:0002262	6/71	147/18670	2.02E-05	0.000147669	6.62E-05	6
BP	GO:1904035	5/71	88/18670	2.11E-05	0.000154072	6.90E-05	5
BP	GO:0006775	4/71	43/18670	2.12E-05	0.000154072	6.90E-05	4
BP	GO:0009895	8/71	308/18670	2.16E-05	0.000156952	7.03E-05	8
BP	GO:0009267	6/71	149/18670	2.18E-05	0.000158035	7.08E-05	6
BP	GO:0045444	7/71	223/18670	2.19E-05	0.00015857	7.10E-05	7
BP	GO:0032602	5/71	89/18670	2.23E-05	0.000160694	7.20E-05	5
BP	GO:0046427	5/71	89/18670	2.23E-05	0.000160694	7.20E-05	5
BP	GO:0042113	8/71	310/18670	2.27E-05	0.000162639	7.29E-05	8
BP	GO:0030730	3/71	15/18670	2.32E-05	0.000165406	7.41E-05	3
BP	GO:0032352	3/71	15/18670	2.32E-05	0.000165406	7.41E-05	3
BP	GO:0045073	3/71	15/18670	2.32E-05	0.000165406	7.41E-05	3
BP	GO:0046688	4/71	44/18670	2.32E-05	0.000165406	7.41E-05	4
BP	GO:0007517	9/71	410/18670	2.43E-05	0.00017278	7.74E-05	9
BP	GO:0045807	6/71	153/18670	2.53E-05	0.000179679	8.05E-05	6
BP	GO:0010594	7/71	229/18670	2.60E-05	0.000184053	8.25E-05	7
BP	GO:1904894	5/71	92/18670	2.62E-05	0.000185138	8.29E-05	5
BP	GO:0006984	4/71	46/18670	2.78E-05	0.00019521	8.75E-05	4
BP	GO:0045776	4/71	46/18670	2.78E-05	0.00019521	8.75E-05	4
BP	GO:0042445	7/71	232/18670	2.83E-05	0.000196515	8.80E-05	7
BP	GO:0034767	6/71	156/18670	2.83E-05	0.000196515	8.80E-05	6
BP	GO:0051222	9/71	418/18670	2.83E-05	0.000196515	8.80E-05	9
BP	GO:0010885	3/71	16/18670	2.85E-05	0.000196515	8.80E-05	3
BP	GO:0042033	3/71	16/18670	2.85E-05	0.000196515	8.80E-05	3
BP	GO:0045986	3/71	16/18670	2.85E-05	0.000196515	8.80E-05	3
BP	GO:0050755	3/71	16/18670	2.85E-05	0.000196515	8.80E-05	3
BP	GO:0071380	3/71	16/18670	2.85E-05	0.000196515	8.80E-05	3
BP	GO:1900451	3/71	16/18670	2.85E-05	0.000196515	8.80E-05	3
BP	GO:0070231	4/71	47/18670	3.03E-05	0.000208389	9.34E-05	4
BP	GO:0043467	6/71	158/18670	3.04E-05	0.000208756	9.35E-05	6
BP	GO:0042100	5/71	95/18670	3.06E-05	0.000209169	9.37E-05	5
BP	GO:0042102	5/71	95/18670	3.06E-05	0.000209169	9.37E-05	5
BP	GO:1903076	5/71	95/18670	3.06E-05	0.000209169	9.37E-05	5
BP	GO:0048010	5/71	96/18670	3.22E-05	0.000219567	9.84E-05	5
BP	GO:0051188	8/71	326/18670	3.24E-05	0.000220583	9.88E-05	8
BP	GO:0051972	4/71	48/18670	3.29E-05	0.000223471	0.000100112	4
BP	GO:0019058	8/71	328/18670	3.39E-05	0.000229445	0.000102789	8
BP	GO:0070242	3/71	17/18670	3.45E-05	0.000232707	0.00010425	3
BP	GO:2001267	3/71	17/18670	3.45E-05	0.000232707	0.00010425	3
BP	GO:0051052	9/71	429/18670	3.47E-05	0.000233411	0.000104565	9
BP	GO:0015718	6/71	162/18670	3.50E-05	0.000234947	0.000105253	6
BP	GO:0050764	5/71	98/18670	3.56E-05	0.000238636	0.000106906	5
BP	GO:0097300	4/71	49/18670	3.57E-05	0.000239249	0.000107181	4
BP	GO:0031214	6/71	163/18670	3.62E-05	0.000241266	0.000108084	6
BP	GO:0051170	6/71	163/18670	3.62E-05	0.000241266	0.000108084	6
BP	GO:0032147	8/71	333/18670	3.77E-05	0.000250866	0.000112385	8
BP	GO:0006816	9/71	434/18670	3.79E-05	0.000251903	0.00011285	9
BP	GO:0002931	4/71	50/18670	3.87E-05	0.000256295	0.000114817	4
BP	GO:0050680	6/71	165/18670	3.88E-05	0.000256295	0.000114817	6
BP	GO:0043434	9/71	436/18670	3.93E-05	0.000259527	0.000116265	9
BP	GO:0010878	3/71	18/18670	4.13E-05	0.000271921	0.000121818	3
BP	GO:1901568	6/71	167/18670	4.15E-05	0.000272564	0.000122105	6
BP	GO:0048146	4/71	51/18670	4.19E-05	0.000275082	0.000123233	4
BP	GO:0097237	7/71	247/18670	4.22E-05	0.000276038	0.000123662	7
BP	GO:0010522	5/71	102/18670	4.31E-05	0.000281932	0.000126302	5
BP	GO:1901991	7/71	248/18670	4.32E-05	0.000282102	0.000126378	7
BP	GO:0050728	6/71	169/18670	4.43E-05	0.00028827	0.000129142	6
BP	GO:0019318	7/71	249/18670	4.44E-05	0.00028827	0.000129142	7
BP	GO:1904062	8/71	342/18670	4.55E-05	0.000295284	0.000132284	8
BP	GO:0072330	8/71	343/18670	4.65E-05	0.000300845	0.000134775	8
BP	GO:0016241	6/71	171/18670	4.73E-05	0.000305291	0.000136767	6
BP	GO:0046822	5/71	104/18670	4.73E-05	0.000305291	0.000136767	5
BP	GO:0045840	4/71	53/18670	4.88E-05	0.000311619	0.000139602	4

BP	GO:0010544	3/71	19/18670	4.89E-05	0.000311619	0.000139602	3
BP	GO:0010888	3/71	19/18670	4.89E-05	0.000311619	0.000139602	3
BP	GO:0033189	3/71	19/18670	4.89E-05	0.000311619	0.000139602	3
BP	GO:0051546	3/71	19/18670	4.89E-05	0.000311619	0.000139602	3
BP	GO:1902176	3/71	19/18670	4.89E-05	0.000311619	0.000139602	3
BP	GO:0001659	6/71	173/18670	5.05E-05	0.000321235	0.000143909	6
BP	GO:0044774	5/71	106/18670	5.19E-05	0.000329386	0.000147561	5
BP	GO:0010524	4/71	54/18670	5.26E-05	0.000332767	0.000149076	4
BP	GO:0051353	4/71	54/18670	5.26E-05	0.000332767	0.000149076	4
BP	GO:0007611	7/71	256/18670	5.29E-05	0.000333835	0.000149554	7
BP	GO:0006986	6/71	176/18670	5.56E-05	0.000350182	0.000156878	6
BP	GO:2000278	5/71	108/18670	5.67E-05	0.000356804	0.000159844	5
BP	GO:0048469	6/71	177/18670	5.73E-05	0.000360038	0.000161293	6
BP	GO:0051091	7/71	261/18670	5.97E-05	0.000374328	0.000167695	7
BP	GO:0006977	4/71	56/18670	6.07E-05	0.000379255	0.000169902	4
BP	GO:0031295	4/71	56/18670	6.07E-05	0.000379255	0.000169902	4
BP	GO:0051099	6/71	179/18670	6.10E-05	0.00038038	0.000170406	6
BP	GO:0034504	7/71	262/18670	6.12E-05	0.000380606	0.000170507	7
BP	GO:0046394	9/71	462/18670	6.15E-05	0.000382006	0.000171134	9
BP	GO:0016101	5/71	110/18670	6.19E-05	0.000383711	0.000171898	5
BP	GO:0016053	9/71	463/18670	6.26E-05	0.000386973	0.00017336	9
BP	GO:0031294	4/71	57/18670	6.51E-05	0.000400007	0.000179199	4
BP	GO:0071398	4/71	57/18670	6.51E-05	0.000400007	0.000179199	4
BP	GO:0072431	4/71	57/18670	6.51E-05	0.000400007	0.000179199	4
BP	GO:1902400	4/71	57/18670	6.51E-05	0.000400007	0.000179199	4
BP	GO:0036499	3/71	21/18670	6.67E-05	0.000408865	0.000183167	3
BP	GO:0043254	9/71	467/18670	6.68E-05	0.000408865	0.000183167	9
BP	GO:0046883	7/71	266/18670	6.73E-05	0.00040979	0.000183581	7
BP	GO:0001938	5/71	112/18670	6.75E-05	0.00040979	0.000183581	5
BP	GO:0043279	5/71	112/18670	6.75E-05	0.00040979	0.000183581	5
BP	GO:1990748	5/71	112/18670	6.75E-05	0.00040979	0.000183581	5
BP	GO:1901988	7/71	267/18670	6.89E-05	0.000417786	0.000187163	7
BP	GO:0045861	8/71	363/18670	6.92E-05	0.000418683	0.000187565	8
BP	GO:0061900	4/71	58/18670	6.98E-05	0.000420703	0.00018847	4
BP	GO:1903749	4/71	58/18670	6.98E-05	0.000420703	0.00018847	4
BP	GO:0031334	7/71	268/18670	7.05E-05	0.000424634	0.000190231	7
BP	GO:1903708	6/71	185/18670	7.33E-05	0.000439434	0.000196862	6
BP	GO:0002688	5/71	114/18670	7.34E-05	0.000439434	0.000196862	5
BP	GO:0006690	5/71	114/18670	7.34E-05	0.000439434	0.000196862	5
BP	GO:0045927	7/71	270/18670	7.39E-05	0.000441732	0.000197891	7
BP	GO:0043388	4/71	59/18670	7.46E-05	0.000442059	0.000198037	4
BP	GO:0072413	4/71	59/18670	7.46E-05	0.000442059	0.000198037	4
BP	GO:1902402	4/71	59/18670	7.46E-05	0.000442059	0.000198037	4
BP	GO:1902403	4/71	59/18670	7.46E-05	0.000442059	0.000198037	4
BP	GO:2000351	4/71	59/18670	7.46E-05	0.000442059	0.000198037	4
BP	GO:1904375	5/71	115/18670	7.65E-05	0.000451704	0.000202358	5
BP	GO:0035809	3/71	22/18670	7.71E-05	0.000451704	0.000202358	3
BP	GO:0042359	3/71	22/18670	7.71E-05	0.000451704	0.000202358	3
BP	GO:0043496	3/71	22/18670	7.71E-05	0.000451704	0.000202358	3
BP	GO:0071379	3/71	22/18670	7.71E-05	0.000451704	0.000202358	3
BP	GO:1901522	3/71	22/18670	7.71E-05	0.000451704	0.000202358	3
BP	GO:0032868	7/71	272/18670	7.74E-05	0.000452159	0.000202562	7
BP	GO:1902105	7/71	272/18670	7.74E-05	0.000452159	0.000202562	7
BP	GO:0021782	5/71	116/18670	7.97E-05	0.000464033	0.000207881	5
BP	GO:1900180	5/71	116/18670	7.97E-05	0.000464033	0.000207881	5
BP	GO:0002761	5/71	117/18670	8.30E-05	0.000480822	0.000215403	5
BP	GO:0010906	5/71	117/18670	8.30E-05	0.000480822	0.000215403	5
BP	GO:1900371	5/71	117/18670	8.30E-05	0.000480822	0.000215403	5
BP	GO:1905953	4/71	61/18670	8.51E-05	0.000491813	0.000220326	4
BP	GO:0030808	5/71	118/18670	8.64E-05	0.000498067	0.000223128	5
BP	GO:0034765	9/71	483/18670	8.65E-05	0.000498067	0.000223128	9
BP	GO:0034695	3/71	23/18670	8.84E-05	0.00050827	0.000227699	3
BP	GO:0060485	7/71	278/18670	8.87E-05	0.000509374	0.000228193	7

BP	GO:0043112	6/71	192/18670	8.99E-05	0.000515499	0.000230938	6
BP	GO:0070059	4/71	62/18670	9.07E-05	0.000517976	0.000232047	4
BP	GO:0070265	4/71	62/18670	9.07E-05	0.000517976	0.000232047	4
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BP	GO:0006721	5/71	120/18670	9.36E-05	0.000532003	0.000238331	5
BP	GO:0022612	5/71	120/18670	9.36E-05	0.000532003	0.000238331	5
BP	GO:0031571	4/71	63/18670	9.66E-05	0.000546854	0.000244984	4
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BP	GO:0043618	5/71	121/18670	9.74E-05	0.000550507	0.000246621	5
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BP	GO:0045600	4/71	64/18670	0.000102694	0.000576773	0.000258388	4
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BP	GO:0051928	5/71	123/18670	0.000105204	0.000588895	0.000263818	5
BP	GO:0044262	7/71	286/18670	0.000105869	0.000591633	0.000265045	7
BP	GO:0046890	6/71	198/18670	0.000106518	0.000594265	0.000266224	6
BP	GO:0002548	4/71	65/18670	0.000109115	0.000604879	0.000270979	4
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BP	GO:0007179	6/71	199/18670	0.000109502	0.000604879	0.000270979	6
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BP	GO:0009299	3/71	25/18670	0.000114148	0.000626414	0.000280626	3
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BP	GO:0040014	4/71	66/18670	0.000115823	0.0006325	0.000283353	4
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BP	GO:0030278	6/71	203/18670	0.000122114	0.000664689	0.000297773	6
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BP	GO:0043627	4/71	73/18670	0.000171448	0.000878997	0.000393781	4
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BP	GO:0050806	5/71	168/18670	0.000448117	0.001943772	0.000870788	5

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BP	GO:0006909	7/71	369/18670	0.000499508	0.002130854	0.000954598	7
BP	GO:0031330	6/71	264/18670	0.000501334	0.002135926	0.00095687	6
BP	GO:0042572	3/71	41/18670	0.000506487	0.002138552	0.000958047	3
BP	GO:0050798	3/71	41/18670	0.000506487	0.002138552	0.000958047	3
BP	GO:0050873	3/71	41/18670	0.000506487	0.002138552	0.000958047	3
BP	GO:0150077	3/71	41/18670	0.000506487	0.002138552	0.000958047	3
BP	GO:1900117	3/71	41/18670	0.000506487	0.002138552	0.000958047	3
BP	GO:1903053	3/71	41/18670	0.000506487	0.002138552	0.000958047	3
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BP	GO:0044773	4/71	97/18670	0.000509604	0.002138552	0.000958047	4
BP	GO:0051591	4/71	97/18670	0.000509604	0.002138552	0.000958047	4
BP	GO:1902882	4/71	97/18670	0.000509604	0.002138552	0.000958047	4
BP	GO:1990868	4/71	97/18670	0.000509604	0.002138552	0.000958047	4
BP	GO:1990869	4/71	97/18670	0.000509604	0.002138552	0.000958047	4
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BP	GO:0048880	7/71	371/18670	0.00051583	0.002159272	0.000967329	7
BP	GO:0072331	6/71	267/18670	0.000532083	0.002224532	0.000996565	6
BP	GO:0046165	5/71	175/18670	0.000539737	0.002253722	0.001009641	5
BP	GO:0022898	6/71	268/18670	0.000542653	0.002260117	0.001012506	6
BP	GO:0050714	6/71	268/18670	0.000542653	0.002260117	0.001012506	6
BP	GO:0010907	3/71	42/18670	0.000543965	0.002260117	0.001012506	3
BP	GO:0042149	3/71	42/18670	0.000543965	0.002260117	0.001012506	3
BP	GO:0019395	4/71	99/18670	0.000550508	0.002284473	0.001023417	4
BP	GO:0050796	5/71	176/18670	0.000553894	0.002292849	0.00102717	5
BP	GO:0051897	5/71	176/18670	0.000553894	0.002292849	0.00102717	5
BP	GO:0045165	6/71	270/18670	0.000564283	0.002332972	0.001045144	6
BP	GO:0001959	5/71	177/18670	0.000568329	0.002346807	0.001051342	5
BP	GO:0010657	4/71	100/18670	0.000571812	0.002358284	0.001056484	4
BP	GO:1901617	6/71	271/18670	0.000575346	0.002369946	0.001061709	6
BP	GO:0010950	5/71	178/18670	0.000583045	0.002387523	0.001069583	5
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BP	GO:0034440	4/71	101/18670	0.000593695	0.002424677	0.001086227	4
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BP	GO:0002791	8/71	500/18670	0.00060614	0.002469485	0.001106301	8
BP	GO:0000079	4/71	102/18670	0.000616167	0.002504252	0.001121876	4
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BP	GO:0014002	3/71	44/18670	0.000624145	0.002521394	0.001129556	3
BP	GO:0030225	3/71	44/18670	0.000624145	0.002521394	0.001129556	3
BP	GO:0032965	3/71	44/18670	0.000624145	0.002521394	0.001129556	3
BP	GO:0034105	3/71	44/18670	0.000624145	0.002521394	0.001129556	3
BP	GO:0070266	3/71	44/18670	0.000624145	0.002521394	0.001129556	3
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BP	GO:0001523	4/71	104/18670	0.000662912	0.002661968	0.001192531	4
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BP	GO:0048639	5/71	184/18670	0.00067744	0.002704113	0.001211411	5
BP	GO:0009152	6/71	280/18670	0.000682699	0.002718634	0.001217917	6
BP	GO:0030522	6/71	280/18670	0.000682699	0.002718634	0.001217917	6
BP	GO:0007009	4/71	105/18670	0.000687203	0.002733323	0.001224497	4
BP	GO:0014706	7/71	390/18670	0.000693137	0.002753661	0.001233608	7
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BP	GO:0010883	3/71	46/18670	0.000711501	0.002792668	0.001251083	3
BP	GO:0022602	3/71	46/18670	0.000711501	0.002792668	0.001251083	3
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BP	GO:1900373	3/71	46/18670	0.000711501	0.002792668	0.001251083	3
BP	GO:1904036	3/71	46/18670	0.000711501	0.002792668	0.001251083	3
BP	GO:1901989	4/71	106/18670	0.000712118	0.002792668	0.001251083	4
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BP	GO:0031647	6/71	284/18670	0.000735126	0.002879528	0.001289995	6
BP	GO:0030330	4/71	107/18670	0.000737666	0.002882744	0.001291436	4
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BP	GO:0030574	3/71	47/18670	0.000757949	0.00294605	0.001319797	3
BP	GO:0070849	3/71	47/18670	0.000757949	0.00294605	0.001319797	3
BP	GO:0051403	6/71	286/18670	0.000762482	0.00294605	0.001319797	6
BP	GO:0071156	4/71	108/18670	0.000763856	0.00294605	0.001319797	4
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BP	GO:2001269	2/71	11/18670	0.000767045	0.00294605	0.001319797	2
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BP	GO:0060759	5/71	190/18670	0.000782852	0.00299989	0.001343916	5
BP	GO:0002793	6/71	288/18670	0.000790621	0.003026201	0.001355703	6
BP	GO:1903532	7/71	399/18670	0.000792496	0.00302992	0.001357369	7
BP	GO:0006939	4/71	110/18670	0.000818199	0.003121071	0.001398204	4
BP	GO:0033559	4/71	110/18670	0.000818199	0.003121071	0.001398204	4
BP	GO:0072676	4/71	111/18670	0.000846369	0.00322486	0.0014447	4
BP	GO:0090287	6/71	292/18670	0.000849306	0.003232375	0.001448066	6
BP	GO:0002686	3/71	49/18670	0.000856536	0.003237843	0.001450516	3
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BP	GO:0043900	7/71	405/18670	0.000864782	0.003261656	0.001461184	7
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BP	GO:0072524	5/71	195/18670	0.000879683	0.003299303	0.001478049	5
BP	GO:0016236	6/71	295/18670	0.000895486	0.003354822	0.001502922	6
BP	GO:0006694	5/71	196/18670	0.000900074	0.003364491	0.001507253	5
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BP	GO:0006757	4/71	116/18670	0.000997571	0.003631765	0.001626989	4
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BP	GO:0010823	3/71	55/18670	0.001199951	0.004192885	0.001878364	3
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BP	GO:0019079	4/71	122/18670	0.001202969	0.004192885	0.001878364	4
BP	GO:0034101	4/71	122/18670	0.001202969	0.004192885	0.001878364	4
BP	GO:0043500	4/71	122/18670	0.001202969	0.004192885	0.001878364	4
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BP	GO:0014013	4/71	124/18670	0.001277554	0.004388975	0.00196621	4
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BP	GO:0006805	4/71	125/18670	0.001316035	0.004511926	0.002021291	4
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BP	GO:0099177	7/71	437/18670	0.001343158	0.004553698	0.002040004	7
BP	GO:0046031	4/71	126/18670	0.001355319	0.004590287	0.002056395	4
BP	GO:0032388	5/71	215/18670	0.001358464	0.004596298	0.002059088	5
BP	GO:0071375	6/71	321/18670	0.001381797	0.004670528	0.002092343	6
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MF	GO:0033293	3/71	64/17697	0.002163807	0.01211732	0.007578502	3
MF	GO:0042379	3/71	66/17697	0.00236298	0.012996388	0.008128295	3
MF	GO:0019210	3/71	67/17697	0.002466683	0.013098936	0.008192431	3
MF	GO:0030374	3/71	67/17697	0.002466683	0.013098936	0.008192431	3
MF	GO:0016247	4/71	144/17697	0.002678373	0.013982015	0.008744733	4
MF	GO:0001091	2/71	20/17697	0.002877638	0.014771876	0.009238733	2
MF	GO:0001618	3/71	74/17697	0.003271773	0.016253325	0.010165272	3
MF	GO:0104005	3/71	74/17697	0.003271773	0.016253325	0.010165272	3
MF	GO:0044183	2/71	23/17697	0.003802158	0.018297884	0.011443995	2
MF	GO:0070412	2/71	23/17697	0.003802158	0.018297884	0.011443995	2
MF	GO:0030295	3/71	80/17697	0.004076348	0.019022958	0.011897475	3
MF	GO:0046332	3/71	80/17697	0.004076348	0.019022958	0.011897475	3
MF	GO:0016209	3/71	86/17697	0.004991452	0.022608343	0.014139873	3
MF	GO:0019209	3/71	86/17697	0.004991452	0.022608343	0.014139873	3
MF	GO:0035035	2/71	29/17697	0.006007566	0.02681638	0.016771694	2
MF	GO:0043325	2/71	30/17697	0.006420074	0.028248326	0.017667272	2

MF	GO:0051427	4/71	185/17697	0.006515069	0.028262554	0.01767617	4
MF	GO:0005164	2/71	31/17697	0.00684514	0.029281989	0.018313753	2
MF	GO:0016712	2/71	32/17697	0.00728266	0.030683892	0.019190541	2
MF	GO:0004497	3/71	99/17697	0.007372104	0.030683892	0.019190541	3
MF	GO:0031406	4/71	193/17697	0.00754547	0.030986729	0.019379943	4
MF	GO:0004222	3/71	103/17697	0.008218243	0.033305512	0.020830173	3
MF	GO:0003713	5/71	319/17697	0.009105038	0.035693702	0.022323813	5
MF	GO:0016651	3/71	107/17697	0.009119357	0.035693702	0.022323813	3
MF	GO:0019825	2/71	36/17697	0.009155203	0.035693702	0.022323813	2
MF	GO:0043177	4/71	205/17697	0.009284081	0.03574371	0.022355089	4
MF	GO:0008200	2/71	37/17697	0.009653443	0.03670692	0.022957506	2
MF	GO:0008395	2/71	38/17697	0.010163523	0.038175183	0.023875798	2
MF	GO:0016709	2/71	39/17697	0.010685341	0.039651628	0.024799207	2
MF	GO:0009055	3/71	114/17697	0.010830747	0.03971274	0.024837428	3
MF	GO:0001784	2/71	40/17697	0.011218799	0.040651649	0.025424647	2
MF	GO:0004197	3/71	116/17697	0.011351532	0.040654323	0.025426319	3
MF	GO:0051879	2/71	41/17697	0.011763797	0.041603053	0.026019681	2
MF	GO:0099106	3/71	118/17697	0.011886587	0.041603053	0.026019681	3
MF	GO:0030544	2/71	42/17697	0.012320237	0.042636327	0.026665919	2
MF	GO:0004712	2/71	43/17697	0.012888021	0.044105673	0.027584888	2
MF	GO:0001046	2/71	45/17697	0.014057233	0.047578326	0.02975678	2
MF	GO:0001227	4/71	242/17697	0.016224775	0.054317724	0.033971782	4
MF	GO:0016538	2/71	49/17697	0.016527541	0.054678282	0.034197285	2
MF	GO:0070851	3/71	134/17697	0.016687528	0.054678282	0.034197285	3
MF	GO:0070888	2/71	50/17697	0.01717204	0.055526364	0.034727699	2
MF	GO:0004857	5/71	375/17697	0.017306919	0.055526364	0.034727699	5
MF	GO:0045309	2/71	51/17697	0.017827121	0.056605705	0.035402748	2
MF	GO:0001047	2/71	55/17697	0.020551416	0.064590165	0.040396446	2
MF	GO:0043621	2/71	56/17697	0.021258025	0.066136078	0.041363303	2
MF	GO:0035257	3/71	152/17697	0.023211867	0.07149255	0.044713385	3
MF	GO:0004714	2/71	62/17697	0.025705269	0.078388346	0.049026204	2

KEGG analysis

ID	GeneRatio	BgRatio	pvalue	p.adjust	qvalue	Count
hsa05418	22/69	139/8111	7.62E-23	1.56E-20	5.95E-21	22
hsa05417	25/69	215/8111	1.41E-22	1.56E-20	5.95E-21	25
hsa04933	18/69	100/8111	9.12E-20	6.72E-18	2.56E-18	18
hsa01524	13/69	73/8111	2.16E-14	1.18E-12	4.50E-13	13
hsa04657	14/69	94/8111	2.67E-14	1.18E-12	4.50E-13	14
hsa05161	16/69	162/8111	2.33E-13	8.60E-12	3.28E-12	16
hsa04668	14/69	112/8111	3.28E-13	1.04E-11	3.95E-12	14
hsa05219	10/69	41/8111	9.19E-13	2.46E-11	9.36E-12	10
hsa05215	13/69	97/8111	1.00E-12	2.46E-11	9.36E-12	13
hsa01522	13/69	98/8111	1.15E-12	2.53E-11	9.65E-12	13
hsa05160	15/69	157/8111	2.36E-12	4.74E-11	1.80E-11	15
hsa05167	16/69	194/8111	3.89E-12	7.16E-11	2.73E-11	16
hsa05210	12/69	86/8111	4.95E-12	8.41E-11	3.21E-11	12
hsa05207	16/69	212/8111	1.52E-11	2.40E-10	9.13E-11	16
hsa05163	16/69	225/8111	3.75E-11	5.53E-10	2.11E-10	16
hsa05222	11/69	92/8111	2.31E-10	3.19E-09	1.22E-09	11
hsa04115	10/69	73/8111	4.11E-10	5.35E-09	2.04E-09	10
hsa05212	10/69	76/8111	6.19E-10	7.60E-09	2.90E-09	10
hsa05225	13/69	168/8111	1.15E-09	1.31E-08	4.98E-09	13
hsa04210	12/69	136/8111	1.18E-09	1.31E-08	4.98E-09	12
hsa04066	11/69	109/8111	1.47E-09	1.47E-08	5.61E-09	11
hsa05162	12/69	139/8111	1.52E-09	1.47E-08	5.61E-09	12
hsa05164	13/69	172/8111	1.53E-09	1.47E-08	5.61E-09	13
hsa04932	12/69	155/8111	5.34E-09	4.91E-08	1.87E-08	12
hsa04215	7/69	32/8111	6.72E-09	5.94E-08	2.26E-08	7
hsa05223	9/69	72/8111	7.59E-09	6.45E-08	2.46E-08	9
hsa05169	13/69	202/8111	1.09E-08	8.95E-08	3.41E-08	13
hsa05142	10/69	102/8111	1.16E-08	9.17E-08	3.50E-08	10

hsa05208	13/69	223/8111	3.58E-08	2.73E-07	1.04E-07	13
hsa05323	9/69	93/8111	7.45E-08	5.49E-07	2.09E-07	9
hsa04926	10/69	129/8111	1.12E-07	7.99E-07	3.04E-07	10
hsa05205	12/69	205/8111	1.23E-07	8.46E-07	3.22E-07	12
hsa05218	8/69	72/8111	1.41E-07	9.42E-07	3.59E-07	8
hsa05144	7/69	50/8111	1.77E-07	1.15E-06	4.37E-07	7
hsa05214	8/69	75/8111	1.94E-07	1.21E-06	4.62E-07	8
hsa04620	9/69	104/8111	1.98E-07	1.21E-06	4.62E-07	9
hsa04915	10/69	138/8111	2.12E-07	1.22E-06	4.66E-07	10
hsa05133	8/69	76/8111	2.16E-07	1.22E-06	4.66E-07	8
hsa05220	8/69	76/8111	2.16E-07	1.22E-06	4.66E-07	8
hsa05140	8/69	77/8111	2.39E-07	1.32E-06	5.03E-07	8
hsa01521	8/69	79/8111	2.92E-07	1.58E-06	6.01E-07	8
hsa05145	9/69	112/8111	3.75E-07	1.97E-06	7.51E-07	9
hsa05224	10/69	147/8111	3.83E-07	1.97E-06	7.51E-07	10
hsa05213	7/69	58/8111	5.04E-07	2.53E-06	9.64E-07	7
hsa04218	10/69	156/8111	6.66E-07	3.27E-06	1.25E-06	10
hsa05130	11/69	197/8111	6.99E-07	3.36E-06	1.28E-06	11
hsa04010	13/69	294/8111	8.91E-07	4.19E-06	1.60E-06	13
hsa04380	9/69	128/8111	1.17E-06	5.37E-06	2.05E-06	9
hsa04151	14/69	354/8111	1.22E-06	5.51E-06	2.10E-06	14
hsa05166	11/69	219/8111	1.99E-06	8.80E-06	3.35E-06	11
hsa04064	8/69	104/8111	2.44E-06	1.05E-05	4.00E-06	8
hsa05152	10/69	180/8111	2.47E-06	1.05E-05	4.00E-06	10
hsa04659	8/69	108/8111	3.25E-06	1.35E-05	5.16E-06	8
hsa05165	13/69	331/8111	3.36E-06	1.38E-05	5.24E-06	13
hsa05171	11/69	232/8111	3.49E-06	1.40E-05	5.35E-06	11
hsa05226	9/69	149/8111	4.15E-06	1.64E-05	6.23E-06	9
hsa05202	10/69	192/8111	4.42E-06	1.71E-05	6.52E-06	10
hsa05132	11/69	249/8111	6.90E-06	2.63E-05	1.00E-05	11
hsa05235	7/69	89/8111	9.38E-06	3.51E-05	1.34E-05	7
hsa04370	6/69	59/8111	9.60E-06	3.54E-05	1.35E-05	6
hsa05206	12/69	310/8111	9.77E-06	3.54E-05	1.35E-05	12
hsa05416	6/69	60/8111	1.06E-05	3.73E-05	1.42E-05	6
hsa05170	10/69	212/8111	1.06E-05	3.73E-05	1.42E-05	10
hsa05216	5/69	37/8111	1.36E-05	4.69E-05	1.79E-05	5
hsa04621	9/69	185/8111	2.40E-05	8.15E-05	3.10E-05	9
hsa04625	7/69	104/8111	2.61E-05	8.75E-05	3.34E-05	7
hsa05131	10/69	247/8111	4.00E-05	0.000131931	5.03E-05	10
hsa04012	6/69	85/8111	7.84E-05	0.00025476	9.71E-05	6
hsa05020	10/69	273/8111	9.30E-05	0.000297874	0.000113503	10
hsa05134	5/69	57/8111	0.000114349	0.000361015	0.000137562	5
hsa05135	7/69	137/8111	0.000151663	0.000472079	0.000179882	7
hsa05231	6/69	98/8111	0.000173014	0.000531056	0.000202355	6
hsa05146	6/69	102/8111	0.000215509	0.000652433	0.000248605	6
hsa04660	6/69	104/8111	0.000239639	0.000715678	0.000272704	6
hsa05143	4/69	37/8111	0.000256373	0.000755444	0.000287857	4
hsa04928	6/69	106/8111	0.000265849	0.000773062	0.00029457	6
hsa05211	5/69	69/8111	0.000283667	0.00081416	0.00031023	5
hsa05415	8/69	203/8111	0.000302604	0.000849002	0.000323506	8
hsa05230	5/69	70/8111	0.000303489	0.000849002	0.000323506	5
hsa04921	7/69	154/8111	0.000312273	0.000853555	0.000325241	7
hsa05203	8/69	204/8111	0.000312842	0.000853555	0.000325241	8
hsa04137	5/69	72/8111	0.000346272	0.000933245	0.000355607	5
hsa04217	7/69	159/8111	0.000379334	0.001010035	0.000384867	7
hsa04670	6/69	114/8111	0.00039407	0.00103678	0.000395058	6
hsa04630	7/69	162/8111	0.000424818	0.001104527	0.000420872	7
hsa04071	6/69	119/8111	0.000495978	0.001259898	0.000480075	6
hsa04722	6/69	119/8111	0.000495978	0.001259898	0.000480075	6
hsa05022	12/69	476/8111	0.000596814	0.001498818	0.000571114	12
hsa04610	5/69	85/8111	0.000745485	0.001851147	0.000705367	5
hsa04371	6/69	138/8111	0.00108236	0.002657796	0.001012735	6
hsa04510	7/69	201/8111	0.001519365	0.003689888	0.001406006	7

hsa05321	4/69	65/8111	0.002198096	0.005280208	0.002011987	4
hsa05204	4/69	69/8111	0.002736193	0.006502137	0.002477594	4
hsa04917	4/69	70/8111	0.00288363	0.006708234	0.002556126	4
hsa05120	4/69	70/8111	0.00288363	0.006708234	0.002556126	4
hsa05168	11/69	498/8111	0.002969283	0.006835538	0.002604635	11
hsa04060	8/69	295/8111	0.003385651	0.007713701	0.002939252	8
hsa04919	5/69	121/8111	0.003570712	0.008052321	0.003068281	5
hsa03320	4/69	76/8111	0.003884023	0.008670394	0.003303794	4
hsa04611	5/69	124/8111	0.003965804	0.008764427	0.003339624	5
hsa04068	5/69	131/8111	0.005008253	0.010958652	0.004175719	5
hsa04662	4/69	82/8111	0.005097209	0.011043953	0.004208222	4
hsa05332	3/69	42/8111	0.005336094	0.011449288	0.004362672	3
hsa04062	6/69	192/8111	0.00566264	0.012000772	0.004572811	6
hsa04940	3/69	43/8111	0.005701724	0.012000772	0.004572811	3
hsa04211	4/69	89/8111	0.006806775	0.014078954	0.005364688	4
hsa04140	5/69	141/8111	0.006816507	0.014078954	0.005364688	5
hsa04658	4/69	92/8111	0.007643018	0.01563988	0.005959468	4
hsa04912	4/69	93/8111	0.007936148	0.016090722	0.006131259	4
hsa04072	5/69	148/8111	0.008327181	0.016730063	0.006374875	5
hsa04913	3/69	51/8111	0.009167864	0.018253134	0.006955231	3
hsa04934	5/69	155/8111	0.010056678	0.019843981	0.007561412	5
hsa04061	4/69	100/8111	0.010196901	0.019942611	0.007598994	4
hsa04024	6/69	219/8111	0.010535432	0.020423951	0.007782406	6
hsa05014	8/69	365/8111	0.011833003	0.022739944	0.008664899	8
hsa04923	3/69	57/8111	0.012424149	0.023670146	0.009019346	3
hsa05010	8/69	369/8111	0.012579527	0.023761328	0.00905409	8
hsa04931	4/69	108/8111	0.01324978	0.024815267	0.009455686	4
hsa04022	5/69	167/8111	0.013571468	0.025204155	0.009603869	5
hsa04014	6/69	232/8111	0.01372053	0.025268643	0.009628442	6
hsa05016	7/69	306/8111	0.014808347	0.027046651	0.01030594	7
hsa04725	4/69	113/8111	0.015425257	0.027942474	0.010647287	4
hsa05217	3/69	63/8111	0.0162647	0.029223567	0.011135439	3
hsa04929	3/69	64/8111	0.016962505	0.030231562	0.011519528	3
hsa04935	4/69	119/8111	0.018318544	0.032387187	0.012340914	4
hsa04152	4/69	120/8111	0.018831406	0.032775424	0.012488849	4
hsa05012	6/69	249/8111	0.018834746	0.032775424	0.012488849	6
hsa05221	3/69	67/8111	0.019155653	0.033073432	0.012602403	3
hsa04920	3/69	69/8111	0.02070112	0.035464709	0.013513583	3
hsa04110	4/69	124/8111	0.020971967	0.035652343	0.01358508	4
hsa04622	3/69	70/8111	0.021498918	0.036269167	0.013820116	3
hsa04650	4/69	131/8111	0.025066702	0.041967737	0.015991517	4
hsa00980	3/69	78/8111	0.028483313	0.04697621	0.017899961	3
hsa04612	3/69	78/8111	0.028483313	0.04697621	0.017899961	3
hsa04910	4/69	137/8111	0.028936666	0.047370394	0.018050162	4
hsa04514	4/69	149/8111	0.037694319	0.061253269	0.023340136	4
hsa04261	4/69	150/8111	0.03848599	0.062083239	0.02365639	4
hsa05330	2/69	38/8111	0.041189592	0.065963042	0.025134762	2
hsa04216	2/69	41/8111	0.047273171	0.075160941	0.028639558	2
hsa04666	3/69	97/8111	0.049304313	0.077381386	0.029485644	3
hsa00380	2/69	42/8111	0.049370025	0.077381386	0.029485644	2