

Supplementary Table 13. *Enriched pathways of Pattern II genes.* Columns are the same as Table S10.

path	desc	p	m	P	M	nrich	log2FC	pval	fdr
GO:0030071	regulation of mitotic metaphase/anaphase transition	5	99	92	17583	9.65	3.27	1.32E-05	1.06E-02
GO:1902099	regulation of metaphase/anaphase transition of cell cycle	5	99	95	17583	9.35	3.22	1.59E-05	1.06E-02
GO:0033045	regulation of sister chromatid segregation	5	99	107	17583	8.30	3.05	3.12E-05	1.06E-02
GO:0051983	regulation of chromosome segregation	5	99	133	17583	6.68	2.74	1.05E-04	1.96E-02
GO:0031400	negative regulation of protein modification process	9	99	480	17583	3.33	1.74	3.72E-04	2.68E-02
GO:0043409	negative regulation of MAPK cascade	5	99	168	17583	5.29	2.40	3.74E-04	2.68E-02
GO:0001933	negative regulation of protein phosphorylation	7	99	319	17583	3.90	1.96	4.40E-04	2.68E-02
GO:0051169	nuclear transport	6	99	246	17583	4.33	2.11	4.81E-04	2.68E-02
GO:0006913	nucleocytoplasmic transport	6	99	246	17583	4.33	2.11	4.81E-04	2.68E-02
GO:0051348	negative regulation of transferase activity	6	99	270	17583	3.95	1.98	8.33E-04	2.68E-02
GO:0042326	negative regulation of phosphorylation	7	99	363	17583	3.42	1.78	1.02E-03	2.68E-02
GO:0006469	negative regulation of protein kinase activity	5	99	207	17583	4.29	2.10	1.12E-03	2.68E-02
GO:1903532	positive regulation of secretion by cell	6	99	289	17583	3.69	1.88	1.24E-03	2.68E-02
GO:0120032	regulation of plasma membrane bounded cell projection as	5	99	220	17583	4.04	2.01	1.53E-03	2.68E-02
GO:0060491	regulation of cell projection assembly	5	99	222	17583	4.00	2.00	1.60E-03	2.68E-02
GO:0051093	negative regulation of developmental process	12	99	911	17583	2.34	1.23	1.77E-03	2.68E-02
GO:0033673	negative regulation of kinase activity	5	99	231	17583	3.84	1.94	1.95E-03	2.68E-02
GO:0051047	positive regulation of secretion	6	99	317	17583	3.36	1.75	2.09E-03	2.68E-02
GO:0051301	cell division	8	99	508	17583	2.80	1.48	2.26E-03	2.68E-02
GO:0045936	negative regulation of phosphate metabolic process	7	99	419	17583	2.97	1.57	2.52E-03	2.68E-02
GO:0010563	negative regulation of phosphorus metabolic process	7	99	420	17583	2.96	1.57	2.56E-03	2.68E-02
GO:0060627	regulation of vesicle-mediated transport	8	99	528	17583	2.69	1.43	2.93E-03	2.68E-02
GO:0033044	regulation of chromosome organization	5	99	252	17583	3.52	1.82	3.01E-03	2.68E-02
GO:0003007	heart morphogenesis	5	99	252	17583	3.52	1.82	3.01E-03	2.68E-02
GO:0051248	negative regulation of protein metabolic process	12	99	994	17583	2.14	1.10	3.76E-03	2.68E-02
GO:0007507	heart development	8	99	555	17583	2.56	1.36	4.07E-03	2.68E-02
GO:0022402	cell cycle process	11	99	899	17583	2.17	1.12	4.57E-03	2.68E-02
GO:0051098	regulation of binding	6	99	368	17583	2.90	1.53	4.77E-03	2.68E-02

GO:0072359	circulatory system development	11	99	907	17583	2.15	1.11	4.90E-03	2.68E-02
GO:0006412	translation	6	99	370	17583	2.88	1.53	4.91E-03	2.68E-02
GO:0051246	regulation of protein metabolic process	23	99	2494	17583	1.64	0.71	5.17E-03	2.68E-02
GO:0033365	protein localization to organelle	9	99	699	17583	2.29	1.19	5.97E-03	2.84E-02
GO:0007059	chromosome segregation	5	99	294	17583	3.02	1.59	6.35E-03	3.00E-02
GO:0001932	regulation of protein phosphorylation	12	99	1068	17583	2.00	1.00	6.83E-03	3.20E-02
GO:0006793	phosphorus metabolic process	18	99	1852	17583	1.73	0.79	6.96E-03	3.26E-02
GO:0043043	peptide biosynthetic process	6	99	399	17583	2.67	1.42	7.33E-03	3.39E-02
GO:0043604	amide biosynthetic process	7	99	517	17583	2.40	1.27	8.76E-03	3.39E-02
GO:0031399	regulation of protein modification process	15	99	1495	17583	1.78	0.83	9.14E-03	3.39E-02
GO:1901214	regulation of neuron death	5	99	320	17583	2.78	1.47	9.45E-03	3.39E-02
GO:0043086	negative regulation of catalytic activity	8	99	640	17583	2.22	1.15	1.00E-02	3.39E-02
GO:1901987	regulation of cell cycle phase transition	6	99	425	17583	2.51	1.33	1.02E-02	3.39E-02
GO:0006518	peptide metabolic process	7	99	532	17583	2.34	1.22	1.03E-02	3.39E-02
GO:0035556	intracellular signal transduction	15	99	1517	17583	1.76	0.81	1.04E-02	3.39E-02
GO:1901990	regulation of mitotic cell cycle phase transition	5	99	327	17583	2.72	1.44	1.04E-02	3.39E-02
GO:0051172	negative regulation of nitrogen compound metabolic process	21	99	2357	17583	1.58	0.66	1.08E-02	3.39E-02
GO:0031324	negative regulation of cellular metabolic process	20	99	2218	17583	1.60	0.68	1.10E-02	3.39E-02
GO:0120035	regulation of plasma membrane bounded cell projection organization	8	99	658	17583	2.16	1.11	1.19E-02	3.56E-02
GO:0016310	phosphorylation	10	99	897	17583	1.98	0.99	1.20E-02	3.62E-02
GO:0006796	phosphate-containing compound metabolic process	17	99	1826	17583	1.65	0.73	1.28E-02	3.84E-02
GO:0051254	positive regulation of RNA metabolic process	17	99	1833	17583	1.65	0.72	1.33E-02	3.97E-02
GO:0031344	regulation of cell projection organization	8	99	672	17583	2.11	1.08	1.34E-02	4.02E-02
GO:0045596	negative regulation of cell differentiation	8	99	673	17583	2.11	1.08	1.36E-02	4.05E-02
GO:0044271	cellular nitrogen compound biosynthetic process	15	99	1567	17583	1.70	0.77	1.39E-02	4.07E-02
GO:0007389	pattern specification process	6	99	455	17583	2.34	1.23	1.44E-02	4.07E-02
GO:0006338	chromatin remodeling	5	99	354	17583	2.51	1.33	1.50E-02	4.07E-02
GO:0010720	positive regulation of cell development	6	99	467	17583	2.28	1.19	1.64E-02	4.07E-02
GO:0050793	regulation of developmental process	21	99	2459	17583	1.52	0.60	1.71E-02	4.15E-02
GO:0071900	regulation of protein serine/threonine kinase activity	5	99	367	17583	2.42	1.27	1.75E-02	4.25E-02
GO:0042325	regulation of phosphorylation	12	99	1207	17583	1.77	0.82	1.77E-02	4.29E-02

GO:0009059	macromolecule biosynthetic process	14	99	1476	17583	1.68	0.75	1.79E-02	4.33E-02
GO:0006468	protein phosphorylation	8	99	712	17583	2.00	1.00	1.89E-02	4.56E-02
GO:0050767	regulation of neurogenesis	5	99	374	17583	2.37	1.25	1.91E-02	4.60E-02
GO:0050678	regulation of epithelial cell proliferation	5	99	374	17583	2.37	1.25	1.91E-02	4.60E-02
GO:0009892	negative regulation of metabolic process	24	99	2934	17583	1.45	0.54	1.92E-02	4.64E-02
GO:0051240	positive regulation of multicellular organismal process	14	99	1492	17583	1.67	0.74	1.95E-02	4.70E-02
GO:0007346	regulation of mitotic cell cycle	6	99	491	17583	2.17	1.12	2.09E-02	4.72E-02
GO:0006351	DNA-templated transcription	7	99	606	17583	2.05	1.04	2.10E-02	4.72E-02
GO:0051656	establishment of organelle localization	5	99	383	17583	2.32	1.21	2.12E-02	4.72E-02
GO:0097659	nucleic acid-templated transcription	7	99	607	17583	2.05	1.03	2.12E-02	4.72E-02
GO:0006325	chromatin organization	7	99	608	17583	2.04	1.03	2.14E-02	4.72E-02
GO:2000026	regulation of multicellular organismal development	13	99	1374	17583	1.68	0.75	2.16E-02	4.72E-02
GO:0046483	heterocycle metabolic process	24	99	2966	17583	1.44	0.52	2.18E-02	4.72E-02
GO:0060284	regulation of cell development	9	99	856	17583	1.87	0.90	2.22E-02	4.72E-02
GO:0048880	sensory system development	5	99	390	17583	2.28	1.19	2.29E-02	4.84E-02
GO:0032774	RNA biosynthetic process	7	99	617	17583	2.01	1.01	2.31E-02	4.88E-02
GO:0009887	animal organ morphogenesis	10	99	992	17583	1.79	0.84	2.36E-02	4.98E-02
GO:0010628	positive regulation of gene expression	11	99	1127	17583	1.73	0.79	2.43E-02	5.12E-02
GO:0045597	positive regulation of cell differentiation	9	99	873	17583	1.83	0.87	2.51E-02	5.27E-02
GO:0048589	developmental growth	5	99	404	17583	2.20	1.14	2.66E-02	5.35E-02
GO:0040007	growth	5	99	404	17583	2.20	1.14	2.66E-02	5.35E-02
GO:0010605	negative regulation of macromolecule metabolic process	22	99	2717	17583	1.44	0.52	2.68E-02	5.35E-02
GO:1903508	positive regulation of nucleic acid-templated transcription	15	99	1700	17583	1.57	0.65	2.78E-02	5.35E-02
GO:0045893	positive regulation of DNA-templated transcription	15	99	1700	17583	1.57	0.65	2.78E-02	5.35E-02
GO:1902680	positive regulation of RNA biosynthetic process	15	99	1706	17583	1.56	0.64	2.86E-02	5.49E-02
GO:0065009	regulation of molecular function	21	99	2588	17583	1.44	0.53	2.91E-02	5.58E-02
GO:0048732	gland development	5	99	419	17583	2.12	1.08	3.10E-02	5.94E-02
GO:0009790	embryo development	10	99	1044	17583	1.70	0.77	3.27E-02	5.97E-02
GO:0045935	positive regulation of nucleobase-containing compound me	17	99	2034	17583	1.48	0.57	3.41E-02	6.11E-02
GO:0010467	gene expression	18	99	2186	17583	1.46	0.55	3.48E-02	6.22E-02
GO:0051641	cellular localization	21	99	2639	17583	1.41	0.50	3.53E-02	6.30E-02

GO:1901360	organic cyclic compound metabolic process	25	99	3255	17583	1.36	0.45	3.54E-02	6.32E-02
GO:0006139	nucleobase-containing compound metabolic process	22	99	2793	17583	1.40	0.48	3.55E-02	6.34E-02
GO:0048667	cell morphogenesis involved in neuron differentiation	5	99	433	17583	2.05	1.04	3.56E-02	6.35E-02
GO:0043603	amide metabolic process	8	99	798	17583	1.78	0.83	3.58E-02	6.39E-02
GO:0018130	heterocycle biosynthetic process	10	99	1063	17583	1.67	0.74	3.66E-02	6.52E-02
GO:1901362	organic cyclic compound biosynthetic process	11	99	1199	17583	1.63	0.70	3.67E-02	6.52E-02
GO:1903530	regulation of secretion by cell	6	99	558	17583	1.91	0.93	3.81E-02	6.52E-02
GO:0019438	aromatic compound biosynthetic process	10	99	1072	17583	1.66	0.73	3.85E-02	6.52E-02
GO:0000226	microtubule cytoskeleton organization	6	99	561	17583	1.90	0.93	3.90E-02	6.57E-02
GO:0048646	anatomical structure formation involved in morphogenesis	9	99	945	17583	1.69	0.76	3.99E-02	6.72E-02
GO:0019220	regulation of phosphate metabolic process	12	99	1355	17583	1.57	0.65	4.04E-02	6.79E-02
GO:0051174	regulation of phosphorus metabolic process	12	99	1356	17583	1.57	0.65	4.06E-02	6.82E-02
GO:0009653	anatomical structure morphogenesis	18	99	2232	17583	1.43	0.52	4.18E-02	7.02E-02
GO:0051960	regulation of nervous system development	5	99	454	17583	1.96	0.97	4.32E-02	7.11E-02
GO:0044093	positive regulation of molecular function	13	99	1513	17583	1.53	0.61	4.38E-02	7.11E-02
GO:0071417	cellular response to organonitrogen compound	6	99	576	17583	1.85	0.89	4.39E-02	7.11E-02
GO:0006725	cellular aromatic compound metabolic process	23	99	3013	17583	1.36	0.44	4.46E-02	7.18E-02
GO:0048666	neuron development	8	99	832	17583	1.71	0.77	4.47E-02	7.19E-02
GO:0034641	cellular nitrogen compound metabolic process	25	99	3333	17583	1.33	0.41	4.57E-02	7.34E-02
GO:0045944	positive regulation of transcription by RNA polymerase II	11	99	1246	17583	1.57	0.65	4.70E-02	7.54E-02
GO:0051239	regulation of multicellular organismal process	21	99	2734	17583	1.36	0.45	4.95E-02	7.67E-02
GO:0048513	animal organ development	22	99	2895	17583	1.35	0.43	5.05E-02	7.81E-02
GO:0048812	neuron projection morphogenesis	5	99	475	17583	1.87	0.90	5.17E-02	7.99E-02
GO:0051179	localization	32	99	4502	17583	1.26	0.34	5.21E-02	8.05E-02
GO:0034654	nucleobase-containing compound biosynthetic process	9	99	991	17583	1.61	0.69	5.22E-02	8.05E-02
GO:0120039	plasma membrane bounded cell projection morphogenesis	5	99	480	17583	1.85	0.89	5.39E-02	8.25E-02
GO:0044092	negative regulation of molecular function	9	99	1004	17583	1.59	0.67	5.60E-02	8.41E-02
GO:0048858	cell projection morphogenesis	5	99	485	17583	1.83	0.87	5.61E-02	8.42E-02
GO:0040008	regulation of growth	6	99	609	17583	1.75	0.81	5.61E-02	8.42E-02
GO:0007049	cell cycle	11	99	1283	17583	1.52	0.61	5.64E-02	8.46E-02
GO:0035295	tube development	8	99	876	17583	1.62	0.70	5.83E-02	8.75E-02

GO:0051046	regulation of secretion	6	99	615	17583	1.73	0.79	5.85E-02	8.77E-02
GO:0033036	macromolecule localization	18	99	2323	17583	1.38	0.46	5.86E-02	8.78E-02
GO:0030855	epithelial cell differentiation	6	99	617	17583	1.73	0.79	5.94E-02	8.79E-02
GO:0051173	positive regulation of nitrogen compound metabolic process	23	99	3112	17583	1.31	0.39	6.13E-02	8.94E-02
GO:0000278	mitotic cell cycle	6	99	624	17583	1.71	0.77	6.23E-02	9.08E-02
GO:0008104	protein localization	15	99	1892	17583	1.41	0.49	6.33E-02	9.22E-02
GO:0051241	negative regulation of multicellular organismal process	9	99	1028	17583	1.55	0.64	6.36E-02	9.27E-02
GO:0070727	cellular macromolecule localization	15	99	1898	17583	1.40	0.49	6.48E-02	9.34E-02
GO:0001568	blood vessel development	5	99	504	17583	1.76	0.82	6.51E-02	9.34E-02
GO:0032990	cell part morphogenesis	5	99	505	17583	1.76	0.81	6.56E-02	9.34E-02
GO:0034645	cellular macromolecule biosynthetic process	7	99	765	17583	1.63	0.70	6.66E-02	9.49E-02
GO:0010629	negative regulation of gene expression	8	99	900	17583	1.58	0.66	6.68E-02	9.51E-02
GO:1901576	organic substance biosynthetic process	19	99	2515	17583	1.34	0.42	6.68E-02	9.52E-02
GO:1901699	cellular response to nitrogen compound	6	99	635	17583	1.68	0.75	6.71E-02	9.55E-02
GO:0051050	positive regulation of transport	8	99	902	17583	1.58	0.66	6.75E-02	9.61E-02
GO:1902532	negative regulation of intracellular signal transduction	5	99	509	17583	1.74	0.80	6.76E-02	9.62E-02
GO:0051649	establishment of localization in cell	14	99	1764	17583	1.41	0.50	6.86E-02	9.76E-02
GO:0051234	establishment of localization	28	99	3956	17583	1.26	0.33	6.95E-02	9.88E-02
GO:0010557	positive regulation of macromolecule biosynthetic process	15	99	1920	17583	1.39	0.47	7.04E-02	9.88E-02
GO:0051640	organelle localization	5	99	517	17583	1.72	0.78	7.17E-02	1.00E-01
GO:0009117	nucleotide metabolic process	5	99	517	17583	1.72	0.78	7.17E-02	1.00E-01
GO:0030182	neuron differentiation	9	99	1052	17583	1.52	0.60	7.19E-02	1.00E-01
GO:0007420	brain development	7	99	778	17583	1.60	0.68	7.20E-02	1.00E-01
GO:0051128	regulation of cellular component organization	18	99	2384	17583	1.34	0.42	7.22E-02	1.01E-01
GO:0010604	positive regulation of macromolecule metabolic process	25	99	3487	17583	1.27	0.35	7.25E-02	1.01E-01
GO:0033043	regulation of organelle organization	10	99	1199	17583	1.48	0.57	7.40E-02	1.03E-01
GO:0044237	cellular metabolic process	43	99	6489	17583	1.18	0.24	7.41E-02	1.03E-01
GO:0006753	nucleoside phosphate metabolic process	5	99	525	17583	1.69	0.76	7.59E-02	1.04E-01
GO:0001944	vasculature development	5	99	525	17583	1.69	0.76	7.59E-02	1.04E-01
GO:0090304	nucleic acid metabolic process	17	99	2247	17583	1.34	0.43	7.64E-02	1.04E-01
GO:0002682	regulation of immune system process	12	99	1496	17583	1.42	0.51	7.65E-02	1.05E-01

GO:0044238	primary metabolic process	47	99	7194	17583	1.16	0.21	7.65E-02	1.05E-01
GO:0019637	organophosphate metabolic process	8	99	926	17583	1.53	0.62	7.68E-02	1.05E-01
GO:0046907	intracellular transport	11	99	1358	17583	1.44	0.52	7.91E-02	1.08E-01
GO:1903047	mitotic cell cycle process	5	99	531	17583	1.67	0.74	7.92E-02	1.08E-01
GO:0044249	cellular biosynthetic process	18	99	2421	17583	1.32	0.40	8.15E-02	1.09E-01
GO:0031175	neuron projection development	6	99	666	17583	1.60	0.68	8.17E-02	1.10E-01
GO:0002694	regulation of leukocyte activation	6	99	668	17583	1.60	0.67	8.27E-02	1.11E-01
GO:0043408	regulation of MAPK cascade	6	99	668	17583	1.60	0.67	8.27E-02	1.11E-01
GO:0009058	biosynthetic process	19	99	2584	17583	1.31	0.39	8.33E-02	1.12E-01
GO:0031325	positive regulation of cellular metabolic process	22	99	3060	17583	1.28	0.35	8.40E-02	1.13E-01
GO:0009968	negative regulation of signal transduction	10	99	1236	17583	1.44	0.52	8.73E-02	1.16E-01
GO:0000904	cell morphogenesis involved in differentiation	5	99	551	17583	1.61	0.69	9.07E-02	1.20E-01
GO:0000122	negative regulation of transcription by RNA polymerase II	8	99	959	17583	1.48	0.57	9.08E-02	1.20E-01
GO:0007017	microtubule-based process	7	99	821	17583	1.51	0.60	9.14E-02	1.20E-01
GO:0007010	cytoskeleton organization	10	99	1247	17583	1.42	0.51	9.16E-02	1.20E-01
GO:0060322	head development	7	99	826	17583	1.51	0.59	9.39E-02	1.23E-01
GO:0120036	plasma membrane bounded cell projection organization	9	99	1112	17583	1.44	0.52	9.55E-02	1.25E-01
GO:0048519	negative regulation of biological process	35	99	5250	17583	1.18	0.24	9.69E-02	1.25E-01
GO:0031328	positive regulation of cellular biosynthetic process	15	99	2016	17583	1.32	0.40	9.85E-02	1.27E-01
GO:0008285	negative regulation of cell population proliferation	6	99	698	17583	1.53	0.61	9.87E-02	1.27E-01
GO:0098660	inorganic ion transmembrane transport	6	99	699	17583	1.52	0.61	9.92E-02	1.28E-01
GO:0048729	tissue morphogenesis	5	99	565	17583	1.57	0.65	9.93E-02	1.28E-01
GO:0048699	generation of neurons	9	99	1121	17583	1.43	0.51	9.94E-02	1.28E-01
GO:0007423	sensory organ development	5	99	568	17583	1.56	0.64	1.01E-01	1.30E-01
GO:0000902	cell morphogenesis	6	99	703	17583	1.52	0.60	1.01E-01	1.30E-01
GO:0009888	tissue development	13	99	1720	17583	1.34	0.42	1.02E-01	1.30E-01
GO:0045595	regulation of cell differentiation	12	99	1570	17583	1.36	0.44	1.02E-01	1.30E-01
GO:0008283	cell population proliferation	6	99	707	17583	1.51	0.59	1.04E-01	1.32E-01
GO:0009719	response to endogenous stimulus	11	99	1431	17583	1.37	0.45	1.06E-01	1.35E-01
GO:0009893	positive regulation of metabolic process	26	99	3796	17583	1.22	0.28	1.07E-01	1.35E-01
GO:0051249	regulation of lymphocyte activation	5	99	577	17583	1.54	0.62	1.07E-01	1.35E-01

GO:0006810	transport	26	99	3800	17583	1.22	0.28	1.08E-01	1.36E-01
GO:0010564	regulation of cell cycle process	6	99	714	17583	1.49	0.58	1.08E-01	1.36E-01
GO:0071704	organic substance metabolic process	48	99	7534	17583	1.13	0.18	1.08E-01	1.36E-01
GO:0006807	nitrogen compound metabolic process	43	99	6674	17583	1.14	0.19	1.10E-01	1.38E-01
GO:0048585	negative regulation of response to stimulus	12	99	1593	17583	1.34	0.42	1.11E-01	1.40E-01
GO:0048598	embryonic morphogenesis	5	99	583	17583	1.52	0.61	1.11E-01	1.40E-01
GO:0009891	positive regulation of biosynthetic process	15	99	2055	17583	1.30	0.37	1.12E-01	1.40E-01
GO:1901564	organonitrogen compound metabolic process	33	99	4982	17583	1.18	0.23	1.13E-01	1.41E-01
GO:0050865	regulation of cell activation	6	99	723	17583	1.47	0.56	1.13E-01	1.41E-01
GO:0030030	cell projection organization	9	99	1158	17583	1.38	0.47	1.16E-01	1.45E-01
GO:0007283	spermatogenesis	5	99	592	17583	1.50	0.59	1.17E-01	1.45E-01
GO:0002684	positive regulation of immune system process	8	99	1014	17583	1.40	0.49	1.17E-01	1.45E-01
GO:0055086	nucleobase-containing small molecule metabolic process	5	99	596	17583	1.49	0.58	1.20E-01	1.48E-01
GO:0071495	cellular response to endogenous stimulus	9	99	1166	17583	1.37	0.46	1.20E-01	1.49E-01
GO:0051094	positive regulation of developmental process	10	99	1317	17583	1.35	0.43	1.21E-01	1.50E-01
GO:0016070	RNA metabolic process	12	99	1619	17583	1.32	0.40	1.22E-01	1.50E-01
GO:0098662	inorganic cation transmembrane transport	5	99	602	17583	1.48	0.56	1.24E-01	1.52E-01
GO:0023057	negative regulation of signaling	10	99	1328	17583	1.34	0.42	1.27E-01	1.55E-01
GO:0010648	negative regulation of cell communication	10	99	1328	17583	1.34	0.42	1.27E-01	1.55E-01
GO:0032989	cellular component morphogenesis	5	99	607	17583	1.46	0.55	1.28E-01	1.55E-01
GO:0048232	male gamete generation	5	99	611	17583	1.45	0.54	1.30E-01	1.59E-01
GO:0007417	central nervous system development	8	99	1041	17583	1.36	0.45	1.32E-01	1.59E-01
GO:0045859	regulation of protein kinase activity	5	99	618	17583	1.44	0.52	1.36E-01	1.64E-01
GO:0030001	metal ion transport	5	99	624	17583	1.42	0.51	1.40E-01	1.68E-01
GO:0022603	regulation of anatomical structure morphogenesis	7	99	915	17583	1.36	0.44	1.44E-01	1.71E-01
GO:0043170	macromolecule metabolic process	37	99	5792	17583	1.13	0.18	1.47E-01	1.75E-01
GO:0006629	lipid metabolic process	9	99	1221	17583	1.31	0.39	1.49E-01	1.76E-01
GO:0007167	enzyme-linked receptor protein signaling pathway	5	99	637	17583	1.39	0.48	1.50E-01	1.77E-01
GO:0045934	negative regulation of nucleobase-containing compound m	11	99	1541	17583	1.27	0.34	1.56E-01	1.83E-01
GO:0048856	anatomical structure development	33	99	5143	17583	1.14	0.19	1.57E-01	1.84E-01
GO:0043009	chordate embryonic development	5	99	651	17583	1.36	0.45	1.61E-01	1.87E-01

GO:0031329	regulation of cellular catabolic process	6	99	797	17583	1.34	0.42	1.62E-01	1.89E-01
GO:0019725	cellular homeostasis	5	99	653	17583	1.36	0.44	1.62E-01	1.89E-01
GO:0007399	nervous system development	15	99	2189	17583	1.22	0.28	1.65E-01	1.91E-01
GO:0032502	developmental process	36	99	5685	17583	1.12	0.17	1.66E-01	1.92E-01
GO:0048523	negative regulation of cellular process	30	99	4675	17583	1.14	0.19	1.70E-01	1.96E-01
GO:0051253	negative regulation of RNA metabolic process	10	99	1416	17583	1.25	0.33	1.72E-01	1.98E-01
GO:0008152	metabolic process	49	99	7967	17583	1.09	0.13	1.74E-01	2.00E-01
