

GO id	Term	Annot. genes	Sign. genes	Expected	P-value	Adj. P-value
GO:0032095	regulation of response to food	11	3	0.14	0.00033	0.0102
GO:0038108	negative regulation of appetite by lepti...	3	2	0.04	0.00050	0.0102
GO:0060252	positive regulation of glial cell prolif...	13	3	0.17	0.00055	0.0102
GO:0042462	eye photoreceptor cell development	15	3	0.19	0.00087	0.0102
GO:0008542	visual learning	35	4	0.45	0.00104	0.0102
GO:0032094	response to food	16	3	0.21	0.00106	0.0102
GO:0032774	RNA biosynthetic process	2301	46	29.81	0.00109	0.0102
GO:0007632	visual behavior	37	4	0.48	0.00128	0.0102
GO:0010468	regulation of gene expression	2670	51	34.59	0.00150	0.0102
GO:0035176	social behavior	18	3	0.23	0.00151	0.0102
GO:0051703	intraspecies interaction between organis...	18	3	0.23	0.00151	0.0102
GO:0043569	negative regulation of insulin-like grow...	5	2	0.06	0.00163	0.0102
GO:0060294	cilium movement involved in cell motilit...	5	2	0.06	0.00163	0.0102
GO:0060295	regulation of cilium movement involved i...	5	2	0.06	0.00163	0.0102
GO:0060296	regulation of cilium beat frequency invo...	5	2	0.06	0.00163	0.0102
GO:1902019	regulation of cilium-dependent cell moti...	5	2	0.06	0.00163	0.0102
GO:0097659	nucleic acid-templated transcription	2289	45	29.66	0.00179	0.0105
GO:0019438	aromatic compound biosynthetic process	2585	49	33.49	0.00229	0.0107
GO:0021955	central nervous system neuron axonogenes...	21	3	0.27	0.00239	0.0107
GO:0018130	heterocycle biosynthetic process	2594	49	33.61	0.00247	0.0107
GO:0008306	associative learning	45	4	0.58	0.00267	0.0107
GO:0034654	nucleobase-containing compound biosynthe...	2537	48	32.87	0.00270	0.0107
GO:0060251	regulation of glial cell proliferation	22	3	0.29	0.00274	0.0107
GO:0044708	single-organism behavior	227	9	2.94	0.00279	0.0107
GO:0006351	transcription, DNA-templated	2283	44	29.58	0.00304	0.0107
GO:0042461	photoreceptor cell development	23	3	0.30	0.00312	0.0107
GO:1903506	regulation of nucleic acid-templated tra...	2221	43	28.78	0.00316	0.0107
GO:2001141	regulation of RNA biosynthetic process	2226	43	28.84	0.00330	0.0107
GO:0003352	regulation of cilium movement	7	2	0.09	0.00336	0.0107
GO:0014889	muscle atrophy	7	2	0.09	0.00336	0.0107
GO:0034351	negative regulation of glial cell apopto...	7	2	0.09	0.00336	0.0107
GO:2000112	regulation of cellular macromolecule bio...	2501	47	32.40	0.00350	0.0107
GO:0001754	eye photoreceptor cell differentiation	24	3	0.31	0.00354	0.0107
GO:0001570	vasculogenesis	50	4	0.65	0.00393	0.0114
GO:0051965	positive regulation of synapse assembly	25	3	0.32	0.00398	0.0114
GO:1901362	organic cyclic compound biosynthetic pro...	2660	49	34.46	0.00420	0.0114
GO:0032099	negative regulation of appetite	8	2	0.10	0.00444	0.0114
GO:0033210	leptin-mediated signaling pathway	8	2	0.10	0.00444	0.0114
GO:0034350	regulation of glial cell apoptotic proce...	8	2	0.10	0.00444	0.0114
GO:0007611	learning or memory	120	6	1.55	0.00467	0.0117
GO:0040018	positive regulation of multicellular org...	27	3	0.35	0.00497	0.0118
GO:0006355	regulation of transcription, DNA-templat...	2215	42	28.70	0.00526	0.0118
GO:0001539	cilium or flagellum-dependent cell motil...	9	2	0.12	0.00566	0.0118
GO:0032096	negative regulation of response to food	9	2	0.12	0.00566	0.0118
GO:0043508	negative regulation of JUN kinase activi...	9	2	0.12	0.00566	0.0118
GO:0043567	regulation of insulin-like growth factor...	9	2	0.12	0.00566	0.0118
GO:0044320	cellular response to leptin stimulus	9	2	0.12	0.00566	0.0118
GO:0060285	cilium-dependent cell motility	9	2	0.12	0.00566	0.0118
GO:0010556	regulation of macromolecule biosynthetic...	2565	47	33.23	0.00578	0.0118
GO:0009791	post-embryonic development	89	5	1.15	0.00593	0.0119
GO:0048858	cell projection morphogenesis	510	14	6.61	0.00645	0.0121
GO:0072659	protein localization to plasma membrane	170	7	2.20	0.00663	0.0121
GO:0051252	regulation of RNA metabolic process	2312	43	29.96	0.00668	0.0121
GO:0014009	glial cell proliferation	30	3	0.39	0.00670	0.0121
GO:0021544	subpallium development	10	2	0.13	0.00701	0.0121
GO:0021756	striatum development	10	2	0.13	0.00701	0.0121
GO:1990778	protein localization to cell periphery	172	7	2.23	0.00706	0.0121
GO:0040014	regulation of multicellular organism gro...	59	4	0.76	0.00710	0.0121
GO:0051963	regulation of synapse assembly	31	3	0.40	0.00735	0.0121
GO:0032105	negative regulation of response to extra...	32	3	0.41	0.00804	0.0121
GO:0032108	negative regulation of response to nutri...	32	3	0.41	0.00804	0.0121
GO:0009314	response to radiation	268	9	3.47	0.00816	0.0121
GO:0007281	germ cell development	135	6	1.75	0.00820	0.0121
GO:0032098	regulation of appetite	11	2	0.14	0.00850	0.0121
GO:0044321	response to leptin	11	2	0.14	0.00850	0.0121
GO:0045945	positive regulation of transcription fro...	11	2	0.14	0.00850	0.0121
GO:0050877	neurological system process	369	11	4.78	0.00856	0.0121
GO:0009889	regulation of biosynthetic process	2688	48	34.83	0.00861	0.0121
GO:0021695	cerebellar cortex development	33	3	0.43	0.00876	0.0121
GO:0032873	negative regulation of stress-activated ...	33	3	0.43	0.00876	0.0121
GO:0046530	photoreceptor cell differentiation	33	3	0.43	0.00876	0.0121
GO:0070303	negative regulation of stress-activated ...	33	3	0.43	0.00876	0.0121
GO:0032990	cell part morphogenesis	530	14	6.87	0.00891	0.0121
GO:0009416	response to light stimulus	180	7	2.33	0.00896	0.0121
GO:0050890	cognition	138	6	1.79	0.00909	0.0121
GO:0035264	multicellular organism growth	140	6	1.81	0.00972	0.0128