

N	X	LOD	P	P-adj	GO Attribute
5	355	-1.553	3.8e-59	<0.0001	<a href="#">GO:0004984</a> : olfactory receptor activity
0	25	-1.445	1.9e-05	0.0141	<a href="#">GO:0042613</a> : MHC class II protein complex
0	23	-1.409	4.5e-05	0.0339	<a href="#">GO:0002504</a> : antigen processing and presentation of peptide or polysaccharide antigen via MHC class II
0	23	-1.409	4.5e-05	0.0339	<a href="#">GO:0004190</a> : aspartic-type endopeptidase activity
7	313	-1.358	1.8e-48	<0.0001	<a href="#">GO:0007608</a> : sensory perception of smell
2	73	-1.195	1.3e-11	<0.0001	<a href="#">GO:0042611</a> : MHC protein complex
12	337	-1.163	1.6e-46	<0.0001	<a href="#">GO:0007606</a> : sensory perception of chemical stimulus
1	32	-1.059	1.6e-05	0.0114	<a href="#">GO:0045095</a> : keratin filament
2	48	-1.007	3e-07	0.0001	<a href="#">GO:0042612</a> : MHC class I protein complex
5	101	-0.983	3.2e-13	<0.0001	<a href="#">GO:0019882</a> : antigen processing and presentation
2	35	-0.864	4.7e-05	0.0350	<a href="#">GO:0005245</a> : voltage-gated calcium channel activity
14	134	-0.659	3.8e-11	<0.0001	<a href="#">GO:0005882</a> : intermediate filament
14	134	-0.659	3.8e-11	<0.0001	<a href="#">GO:0045111</a> : intermediate filament cytoskeleton
17	133	-0.562	3.7e-09	<0.0001	<a href="#">GO:0004222</a> : metalloendopeptidase activity
9	71	-0.556	1.6e-05	0.0114	<a href="#">GO:0000786</a> : nucleosome
13	89	-0.491	1.1e-05	0.0080	<a href="#">GO:0006334</a> : nucleosome assembly
115	712	-0.464	5.8e-31	<0.0001	<a href="#">GO:0001584</a> : rhodopsin-like receptor activity
17	101	-0.422	3.3e-05	0.0254	<a href="#">GO:0031497</a> : chromatin assembly
123	657	-0.384	1.9e-21	<0.0001	<a href="#">GO:0007600</a> : sensory perception
33	180	-0.383	4e-07	0.0001	<a href="#">GO:0008083</a> : growth factor activity
161	841	-0.375	7.6e-26	<0.0001	<a href="#">GO:0004930</a> : G-protein coupled receptor activity
27	145	-0.373	7.7e-06	0.0050	<a href="#">GO:0009055</a> : electron carrier activity
29	146	-0.339	3.3e-05	0.0257	<a href="#">GO:0020037</a> : heme binding
29	146	-0.339	3.3e-05	0.0257	<a href="#">GO:0046906</a> : tetrapyrrole binding
50	240	-0.316	6.9e-07	0.0002	<a href="#">GO:0005125</a> : cytokine activity
270	1253	-0.315	7.7e-28	<0.0001	<a href="#">GO:0004888</a> : transmembrane receptor activity
202	943	-0.313	1.9e-21	<0.0001	<a href="#">GO:0050877</a> : neurological system process
48	224	-0.300	4.3e-06	0.0027	<a href="#">GO:0008237</a> : metallopeptidase activity
108	497	-0.298	2.2e-11	<0.0001	<a href="#">GO:0005615</a> : extracellular space
242	1056	-0.276	3.1e-19	<0.0001	<a href="#">GO:0007186</a> : G-protein coupled receptor protein signaling pathway
49	216	-0.268	4e-05	0.0302	<a href="#">GO:0008236</a> : serine-type peptidase activity
50	217	-0.260	6.3e-05	0.0441	<a href="#">GO:0017171</a> : serine hydrolase activity
109	466	-0.256	1.4e-08	<0.0001	<a href="#">GO:0004175</a> : endopeptidase activity
72	305	-0.248	6.4e-06	0.0040	<a href="#">GO:0005506</a> : iron ion binding
288	1190	-0.245	1.5e-17	<0.0001	<a href="#">GO:0003008</a> : system process
471	1902	-0.240	2.6e-25	<0.0001	<a href="#">GO:0004872</a> : receptor activity
426	1679	-0.222	6.2e-20	<0.0001	<a href="#">GO:0007166</a> : cell surface receptor linked signal transduction

<b>N</b>	<b>X</b>	<b>LOD</b>	<b>P</b>	<b>P-adj</b>	<b>GO Attribute</b>
194	765	-0.212	1.3e-09	<0.0001	<a href="#">GO:0044421</a> : extracellular region part
210	813	-0.202	2.5e-09	<0.0001	<a href="#">GO:0005739</a> : mitochondrion
196	743	-0.188	8e-08	<0.0001	<a href="#">GO:0005102</a> : receptor binding
640	2360	-0.187	1.3e-19	<0.0001	<a href="#">GO:0004871</a> : signal transducer activity
640	2360	-0.187	1.3e-19	<0.0001	<a href="#">GO:0060089</a> : molecular transducer activity
182	685	-0.183	4.5e-07	0.0001	<a href="#">GO:0008233</a> : peptidase activity
211	782	-0.175	2.7e-07	0.0001	<a href="#">GO:0006508</a> : proteolysis
823	2912	-0.164	1.8e-18	<0.0001	<a href="#">GO:0005886</a> : plasma membrane
172	626	-0.162	1.5e-05	0.0106	<a href="#">GO:0006955</a> : immune response
488	1742	-0.160	8.8e-12	<0.0001	<a href="#">GO:0005576</a> : extracellular region
185	664	-0.154	2.2e-05	0.0155	<a href="#">GO:0015031</a> : protein transport
701	2420	-0.143	1.2e-12	<0.0001	<a href="#">GO:0050896</a> : response to stimulus
229	807	-0.143	1.3e-05	0.0095	<a href="#">GO:0016491</a> : oxidoreductase activity
224	786	-0.141	2.3e-05	0.0168	<a href="#">GO:0033036</a> : macromolecule localization
934	3132	-0.128	1.1e-12	<0.0001	<a href="#">GO:0032501</a> : multicellular organismal process
1495	4899	-0.124	2.6e-16	<0.0001	<a href="#">GO:0016021</a> : integral to membrane
1528	4991	-0.122	4.7e-16	<0.0001	<a href="#">GO:0031224</a> : intrinsic to membrane
1738	5604	-0.116	9.3e-16	<0.0001	<a href="#">GO:0044425</a> : membrane part
2110	6701	-0.112	4.4e-16	<0.0001	<a href="#">GO:0016020</a> : membrane
1210	3898	-0.103	2.7e-10	<0.0001	<a href="#">GO:0007154</a> : cell communication
1108	3565	-0.100	2.9e-09	<0.0001	<a href="#">GO:0007165</a> : signal transduction

LOD score < -0.1 p-value < 0.05