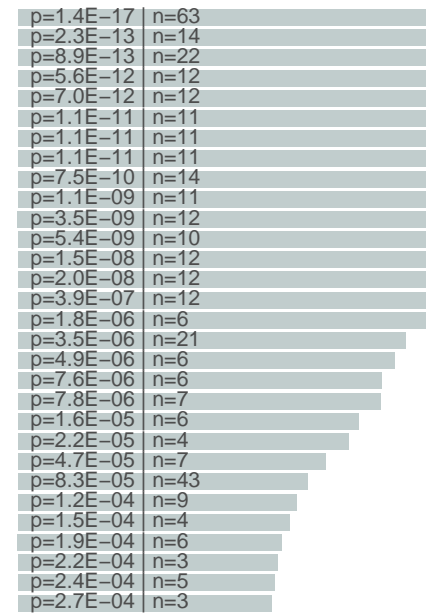


GO:BP  
gc011a

fraction genes in fg and expected value

G protein-coupled receptor signaling pat...	GO:0007186
activation of adenylate cyclase activity	GO:0007190
adenylate cyclase-activating G protein-c...	GO:0007189
dopaminergic neuron differentiation	GO:0071542
cochlea morphogenesis	GO:0090103
thyroid-stimulating hormone signaling pa...	GO:0038194
cellular response to glycoprotein	GO:1904588
cellular response to thyrotropin-releasi...	GO:1905229
adult locomotory behavior	GO:0008344
inner ear receptor cell stereocilium org...	GO:0060122
positive regulation of multicellular org...	GO:0040018
postsynaptic modulation of chemical syna...	GO:0099170
positive regulation of cold-induced ther...	GO:0120162
B cell differentiation	GO:0030183
hormone-mediated signaling pathway	GO:0009755
G protein-coupled glutamate receptor sig...	GO:0007216
positive regulation of cell population p...	GO:0008284
G protein-coupled receptor signaling pat...	GO:0007187
regulation of sensory perception of pain	GO:0051930
operant conditioning	GO:0035106
positive regulation of cytosolic calcium...	GO:0051482
peristalsis	GO:0030432
purinergic nucleotide receptor signaling...	GO:0035590
cell surface receptor signaling pathway	GO:0007166
regulation of synaptic transmission, glu...	GO:0051966
positive regulation of adiponectin secre...	GO:0070165
presynaptic modulation of chemical synap...	GO:0099171
sensitization	GO:0046960
phototransduction	GO:0007602
conditioned taste aversion	GO:0001661



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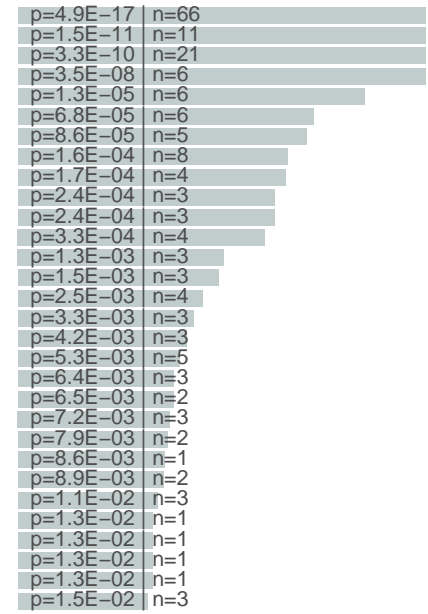
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-log(p)  
n=129/390 input genes with annotations

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fraction

GO:MF  
gc011a

fraction genes in fg and expected value

G protein-coupled receptor activity	GO:0004930
thyroid-stimulating hormone receptor act...	GO:0004996
G protein-coupled peptide receptor activ...	GO:0008528
group II metabotropic glutamate receptor...	GO:0001641
calcium channel regulator activity	GO:0005246
scaffold protein binding	GO:0097110
G protein-coupled photoreceptor activity	GO:0008020
olfactory receptor activity	GO:0004984
nicotinic acid receptor activity	GO:0070553
D3 dopamine receptor binding	GO:0031750
dopamine neurotransmitter receptor activ...	GO:0001588
purinergic nucleotide receptor activity	GO:0001614
angiotensin receptor binding	GO:0031701
dopamine binding	GO:0035240
substance K receptor activity	GO:0016497
parathyroid hormone receptor activity	GO:0004991
calcium-dependent phospholipid binding	GO:0005544
peptide hormone binding	GO:0017046
G protein-coupled GABA receptor activity	GO:0004965
all-trans retinal binding	GO:0005503
NF-kappaB binding	GO:0051059
MDM2/MDM4 family protein binding	GO:0097371
pancreatic polypeptide receptor activity	GO:0001602
G protein-coupled olfactory receptor act...	GO:0038022
phosphatidylcholine binding	GO:0031210
calcium ion binding involved in regulati...	GO:0099510
calcium ion binding involved in regulati...	GO:0099534
uridine nucleosidase activity	GO:0045437
ribosylpyrimidine nucleosidase activity	GO:0050263
quaternary ammonium group binding	GO:0050997



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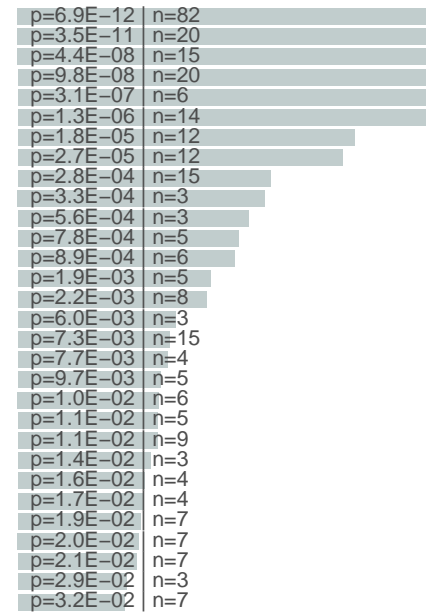
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-log(p)  
n=132/390 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0  
fraction

GO:CC  
gc011a

fraction genes in fg and expected value

plasma membrane	GO:0005886
receptor complex	GO:0043235
basolateral plasma membrane	GO:0016323
membrane raft	GO:0045121
astrocyte projection	GO:0097449
presynaptic membrane	GO:0042734
dendritic spine	GO:0043197
postsynaptic membrane	GO:0045211
glutamatergic synapse	GO:0098978
dendritic spine neck	GO:0044326
dendritic spine head	GO:0044327
photoreceptor outer segment	GO:0001750
presynaptic active zone	GO:0048786
dendritic shaft	GO:0043198
cell projection membrane	GO:0031253
G protein-coupled receptor heterodimeric...	GO:0038039
axon	GO:0030424
caveola	GO:0005901
axon terminus	GO:0043679
Schaffer collateral - CA1 synapse	GO:0098685
GABA-ergic synapse	GO:0098982
non-motile cilium	GO:0097730
ciliary membrane	GO:0060170
sperm midpiece	GO:0097225
sperm head	GO:0061827
postsynaptic density	GO:0014069
postsynaptic specialization	GO:0099572
asymmetric synapse	GO:0032279
brush border membrane	GO:0031526
neuron to neuron synapse	GO:0098984



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-log(p)  
n=131/390 input genes with annotations

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fraction