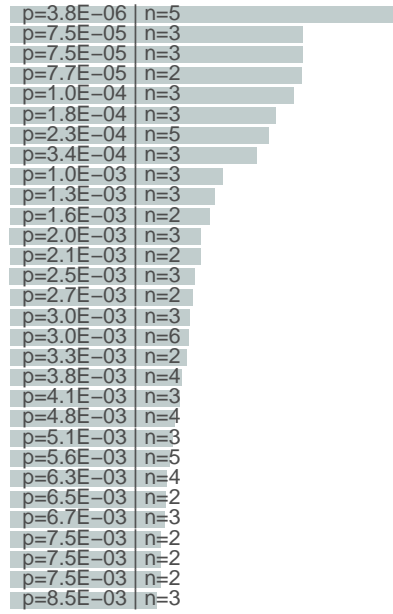


GO:BP  
gc002b

fraction genes in fg and expected value

positive regulation of synapse assembly	GO:0051965
regulation of synapse pruning	GO:1905806
motor learning	GO:0061743
noradrenergic neuron development	GO:0003358
neuron remodeling	GO:0016322
regulation of synapse maturation	GO:0090128
regulation of dendrite morphogenesis	GO:0048814
maintenance of synapse structure	GO:0099558
myoblast fusion	GO:0007520
G protein-coupled glutamate receptor sig...	GO:0007216
Golgi to lysosome transport	GO:0090160
ceramide biosynthetic process	GO:0046513
sphingosine biosynthetic process	GO:0046512
regulation of sensory perception of pain	GO:0051930
sphingomyelin biosynthetic process	GO:0006686
negative regulation of angiogenesis	GO:0016525
axonogenesis	GO:0007409
positive regulation of cholesterol efflu...	GO:0010875
positive regulation of cold-induced ther...	GO:0120162
phototransduction	GO:0007602
vesicle-mediated transport to the plasma...	GO:0098876
positive regulation of cation channel ac...	GO:2001259
protein localization to plasma membrane	GO:0072659
positive regulation of canonical Wnt sig...	GO:0090263
inositol trisphosphate metabolic process	GO:0032957
receptor recycling	GO:0001881
dorsal/ventral neural tube patterning	GO:0021904
positive regulation of natural killer ce...	GO:0002717
regulation of transcription regulatory r...	GO:2000677
postsynaptic modulation of chemical syna...	GO:0099170



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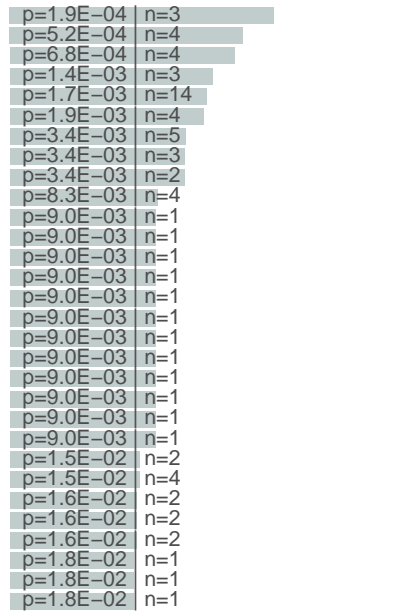
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-log(p)  
n=67/113 input genes with annotations

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fraction

GO:MF  
gc002b

fraction genes in fg and expected value

group II metabotropic glutamate receptor...	GO:0001641
scaffold protein binding	GO:0097110
collagen binding	GO:0005518
beta-catenin binding	GO:0008013
G protein-coupled receptor activity	GO:0004930
protein-hormone receptor activity	GO:0016500
phosphatidylinositol binding	GO:0035091
calcium channel regulator activity	GO:0005246
ligand-gated sodium channel activity	GO:0015280
carboxylic ester hydrolase activity	GO:0052689
inositol tetrakisphosphate 5-kinase acti...	GO:0047326
succinyl-CoA hydrolase activity	GO:0004778
medium-chain acyl-CoA hydrolase activity	GO:0052815
glutaryl-CoA hydrolase activity	GO:0044466
flavonoid binding	GO:0097243
hydroxymethylglutaryl-CoA hydrolase acti...	GO:0047994
acetoacetyl-CoA hydrolase activity	GO:0047603
inositol-1,4,5-trisphosphate 6-kinase ac...	GO:0000823
inositol tetrakisphosphate 3-kinase acti...	GO:0000824
UDP-galactose:beta-N-acetylglucosamine b...	GO:0008499
myo-inositol-1,2,3,4,6-heptakisphosphate...	GO:0102732
choloyl-CoA hydrolase activity	GO:0033882
acetylcholine binding	GO:0042166
vitamin binding	GO:0019842
neurotransmitter binding	GO:0042165
cholinesterase activity	GO:0004104
acetylcholinesterase activity	GO:0003990
sphinganine kinase activity	GO:0008481
A1 adenosine receptor binding	GO:0031686
long-chain-fatty-acyl-CoA reductase acti...	GO:0050062



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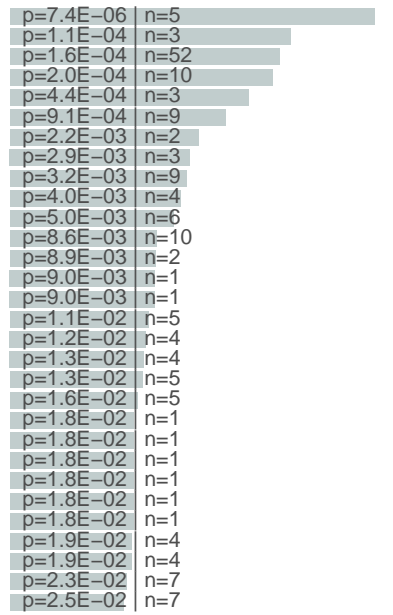
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-log(p)  
n=68/113 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0  
fraction

GO:CC  
gc002b

fraction genes in fg and expected value

synaptic cleft	GO:0043083
cerebellar climbing fiber to Purkinje ce...	GO:0150053
membrane	GO:0016020
postsynaptic membrane	GO:0045211
astrocyte projection	GO:0097449
postsynaptic density	GO:0014069
nuclear lamina	GO:0005652
postsynaptic density membrane	GO:0098839
dendrite	GO:0030425
presynaptic active zone	GO:0048786
presynaptic membrane	GO:0042734
endosome	GO:0005768
endoplasmic reticulum tubular network	GO:0071782
perinuclear theca	GO:0033011
junctional sarcoplasmic reticulum membra...	GO:0014701
basolateral plasma membrane	GO:0016323
dendritic spine	GO:0043197
neuron spine	GO:0044309
basal plasma membrane	GO:0009925
basal part of cell	GO:0045178
cytolytic granule membrane	GO:0101004
phagolysosome	GO:0032010
phagolysosome membrane	GO:0061474
fatty acid elongase complex	GO:0009923
ciliary pocket	GO:0020016
ciliary pocket membrane	GO:0020018
lytic vacuole membrane	GO:0098852
lysosomal membrane	GO:0005765
axon	GO:0030424
lytic vacuole	GO:0000323



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0 1 2 3 4 5  
-log(p)  
n=69/113 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0  
fraction