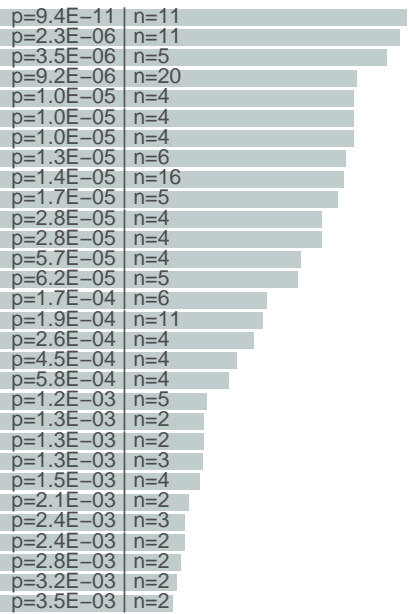


GO:BP
gc2020

fraction genes in fg and expected value

adenylate cyclase-activating G protein-c...	GO:0007189
positive regulation of cell population p...	GO:0008284
activation of adenylate cyclase activity	GO:0007190
G protein-coupled receptor signaling pat...	GO:0007186
thyroid-stimulating hormone signaling pa...	GO:0038194
cellular response to thyrotropin-releasi...	GO:1905229
cellular response to glycoprotein	GO:1904588
hormone-mediated signaling pathway	GO:0009755
cell surface receptor signaling pathway	GO:0007166
positive regulation of multicellular org...	GO:0040018
cochlea morphogenesis	GO:0090103
dopaminergic neuron differentiation	GO:0071542
inner ear receptor cell stereocilium org...	GO:0060122
phospholipase C-activating G protein-cou...	GO:0007200
positive regulation of cytosolic calcium...	GO:0007204
regulation of locomotion	GO:0040012
adult locomotory behavior	GO:0008344
positive regulation of cold-induced ther...	GO:0120162
B cell differentiation	GO:0030183
regulation of inflammatory response	GO:0050727
cellular response to 1-oleoyl-sn-glycero...	GO:1904566
positive regulation of smooth muscle cel...	GO:0071673
bone mineralization	GO:0030282
cell maturation	GO:0048469
regulation of synaptic vesicle cycle	GO:0098693
regulation of norepinephrine secretion	GO:0014061
bleb assembly	GO:0032060
penile erection	GO:0043084
odontogenesis of dentin-containing tooth	GO:0042475
osteoblast development	GO:0002076



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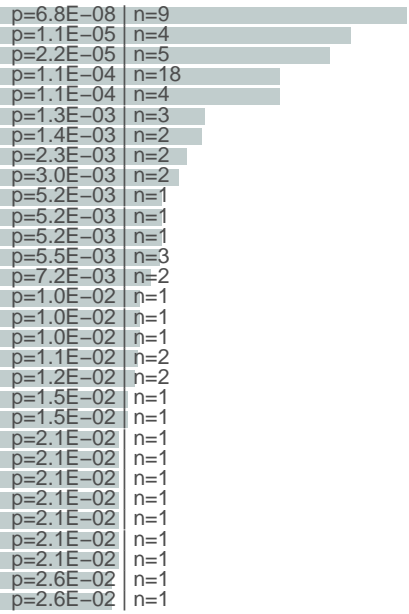
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-log(p)
n=38/104 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0
fraction

GO:MF
gc2020

fraction genes in fg and expected value

G protein-coupled peptide receptor activ...	GO:0008528
thyroid-stimulating hormone receptor act...	GO:0004996
peptide hormone binding	GO:0017046
G protein-coupled receptor activity	GO:0004930
olfactory receptor activity	GO:0004984
PDZ domain binding	GO:0030165
lysophosphatidic acid receptor activity	GO:0070915
lysophosphatidic acid binding	GO:0035727
parathyroid hormone receptor activity	GO:0004991
inhibin binding	GO:0034711
pantetheine-phosphate adenylyltransferas...	GO:0004595
activin-activated receptor activity	GO:0017002
protein self-association	GO:0043621
growth factor binding	GO:0019838
dephospho-CoA kinase activity	GO:0004140
MAP kinase tyrosine/serine/threonine pho...	GO:0017017
MAP kinase phosphatase activity	GO:0033549
G protein-coupled adenosine receptor act...	GO:0001609
G-protein alpha-subunit binding	GO:0001965
activin binding	GO:0048185
BMP receptor activity	GO:0098821
coreceptor activity	GO:0015026
endothelin receptor activity	GO:0004962
short-chain carboxylesterase activity	GO:0034338
vascular endothelial growth factor bindi...	GO:0038085
vascular endothelial growth factor-activ...	GO:0005021
platelet-derived growth factor-activated...	GO:0005017
platelet-derived growth factor alpha-rec...	GO:0005018
diacylglycerol kinase activity	GO:0004143
sulfotransferase activity	GO:0008146



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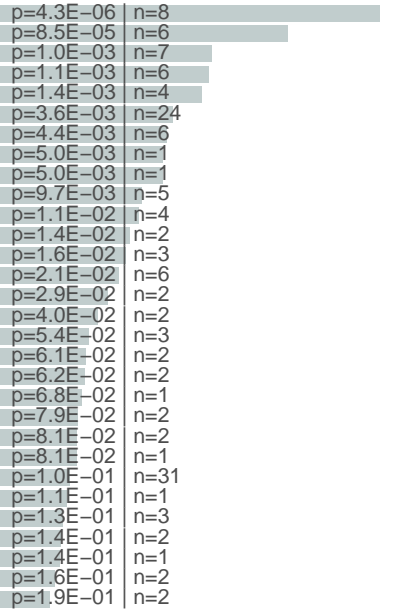
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-log(p)
n=39/104 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0
fraction

GO:CC
gc2020

fraction genes in fg and expected value

receptor complex	GO:0043235
basolateral plasma membrane	GO:0016323
cell surface	GO:0009986
membrane raft	GO:0045121
dendritic spine	GO:0043197
plasma membrane	GO:0005886
glutamatergic synapse	GO:0098978
activin receptor complex	GO:0048179
inhibin-betaglycan-ActRII complex	GO:0034673
synaptic membrane	GO:0097060
presynaptic membrane	GO:0042734
brush border membrane	GO:0031526
Schaffer collateral - CA1 synapse	GO:0098685
presynapse	GO:0098793
dendritic shaft	GO:0043198
brush border	GO:0005903
postsynaptic membrane	GO:0045211
GABA-ergic synapse	GO:0098982
cluster of actin-based cell projections	GO:0098862
microtubule end	GO:1990752
endocytic vesicle	GO:0030139
external side of plasma membrane	GO:0009897
astrocyte projection	GO:0097449
membrane	GO:0016020
glial cell projection	GO:0097386
nuclear envelope	GO:0005635
cell projection membrane	GO:0031253
clathrin-coated pit	GO:0005905
apical plasma membrane	GO:0016324
postsynaptic density	GO:0014069



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-log(p)
n=38/104 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0
fraction