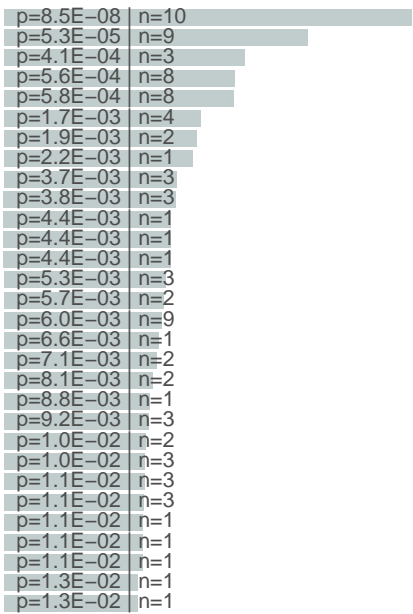


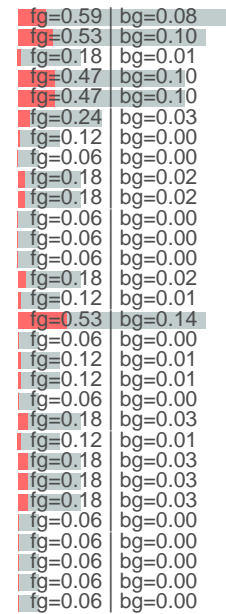
GO:BP
gc015

fraction genes in fg and expected value

G protein-coupled receptor signaling pat...	GO:0007186
regulation of cell population proliferat...	GO:0042127
hair follicle development	GO:0001942
positive regulation of cell communicatio...	GO:0010647
positive regulation of signaling	GO:0023056
positive regulation of secretion by cell	GO:1903532
epithelial cell proliferation involved i...	GO:2001013
negative regulation of hepatic stellate ...	GO:1904898
regulation of amine transport	GO:0051952
inner ear development	GO:0048839
regulation of activation of Janus kinase...	GO:0010533
negative regulation of CD8-positive, alp...	GO:0043377
positive regulation of fibroblast apopto...	GO:2000271
positive regulation of leukocyte activat...	GO:0002696
purinergic nucleotide receptor signaling...	GO:0035590
cell surface receptor signaling pathway	GO:0007166
B cell adhesion	GO:0097323
oocyte differentiation	GO:0009994
endocrine hormone secretion	GO:0060986
dephosphorylation of RNA polymerase II C...	GO:0070940
regulation of hormone secretion	GO:0046883
positive regulation of T cell activation	GO:0050870
Wnt signaling pathway	GO:0016055
cell-cell signaling by wnt	GO:0198738
adenylate cyclase-modulating G protein-c...	GO:0007188
protein geranylgeranylation	GO:0018344
regulation of response to interferon-gam...	GO:0060330
regulation of interferon-gamma-mediated ...	GO:0060334
positive regulation of CD4-positive, alp...	GO:0043372
positive regulation of CD4-positive, alp...	GO:2000516



0 1 2 3 4 5
-log(p)
n=17/66 input genes with annotations

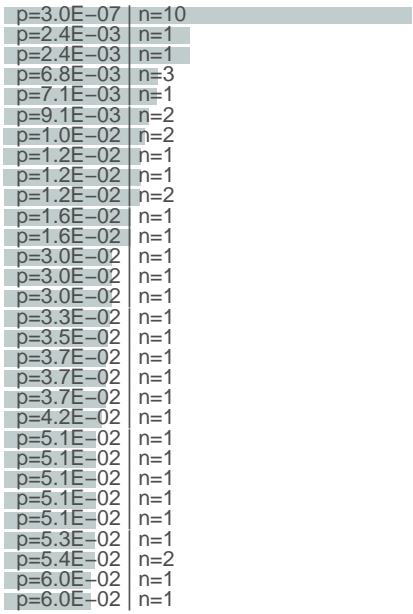


0.0 0.2 0.4 0.6 0.8 1.0
fraction

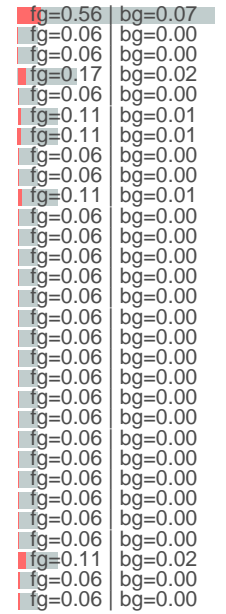
GO:MF
gc015

fraction genes in fg and expected value

G protein-coupled receptor activity	GO:0004930
vasoactive intestinal polypeptide recept...	GO:0004999
insulin-like growth factor receptor bind...	GO:0005159
peptide receptor activity	GO:0001653
Rab geranylgeranyltransferase activity	GO:0004663
peptide hormone binding	GO:0017046
olfactory receptor activity	GO:0004984
1-phosphatidylinositol-3-kinase regulato...	GO:0046935
RNA polymerase II CTD heptapeptide repea...	GO:0008420
protein-hormone receptor activity	GO:0016500
phosphatidylinositol 3-kinase regulator ...	GO:0035014
natriuretic peptide receptor activity	GO:0016941
exogenous protein binding	GO:0140272
virus receptor activity	GO:0001618
guanylate cyclase activity	GO:0004383
mannose binding	GO:0005537
nicotinic acid receptor activity	GO:0070553
nucleotide receptor activity	GO:0016502
purinergic nucleotide receptor activity	GO:0001614
toxic substance binding	GO:0015643
cyclase activity	GO:0009975
extracellular matrix protein binding	GO:1990430
G protein-coupled receptor activity invo...	GO:0099530
G protein-coupled neurotransmitter recep...	GO:0150047
G protein-coupled neurotransmitter recep...	GO:0099579
phosphorus-oxygen lyase activity	GO:0016849
G protein-coupled neurotransmitter recep...	GO:0099528
G protein-coupled peptide receptor activ...	GO:0008528
G protein-coupled GABA receptor activity	GO:0004965
GABA receptor activity	GO:0016917



0 1 2 3 4 5
-log(p)
n=18/66 input genes with annotations

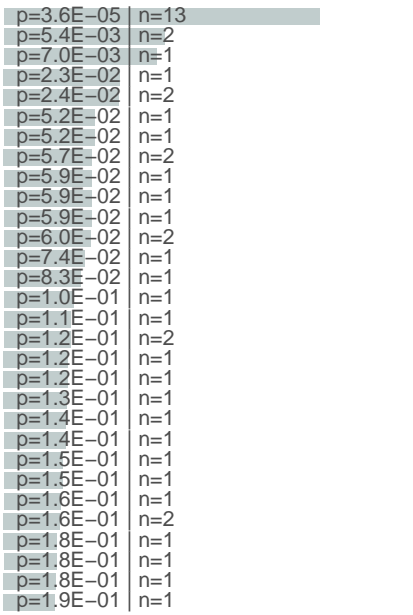


0.0 0.2 0.4 0.6 0.8 1.0
fraction

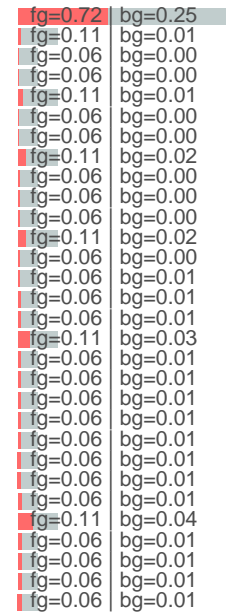
GO:CC
gc015

fraction genes in fg and expected value

plasma membrane	GO:0005886
trans-Golgi network membrane	GO:0032588
Rab-protein geranylgeranyltransferase co...	GO:0005968
phosphatidylinositol 3-kinase complex	GO:0005942
Schaffer collateral - CA1 synapse	GO:0098685
GABA receptor complex	GO:1902710
G protein-coupled GABA receptor complex	GO:1902712
presynaptic membrane	GO:0042734
G protein-coupled receptor complex	GO:0097648
G protein-coupled receptor dimeric compl...	GO:0038037
G protein-coupled receptor heterodimeric...	GO:0038039
transferase complex, transferring phosph...	GO:0061695
axolemma	GO:0030673
neuron projection membrane	GO:0032589
main axon	GO:0044304
plasma membrane signaling receptor compl...	GO:0098802
synaptic membrane	GO:0097060
sperm head	GO:0061827
sperm midpiece	GO:0097225
dendritic shaft	GO:0043198
leading edge membrane	GO:0031256
RNA polymerase II, holoenzyme	GO:0016591
intrinsic component of plasma membrane	GO:0031226
integral component of plasma membrane	GO:0005887
neuromuscular junction	GO:0031594
extracellular space	GO:0005615
nuclear DNA-directed RNA polymerase comp...	GO:0055029
DNA-directed RNA polymerase complex	GO:0000428
RNA polymerase complex	GO:0030880
GABA-ergic synapse	GO:0098982



0 1 2 3 4 5
-log(p)
n=18/66 input genes with annotations



0.0 0.2 0.4 0.6 0.8 1.0
fraction