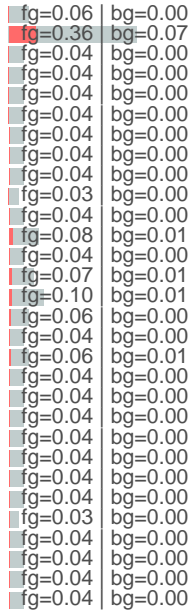
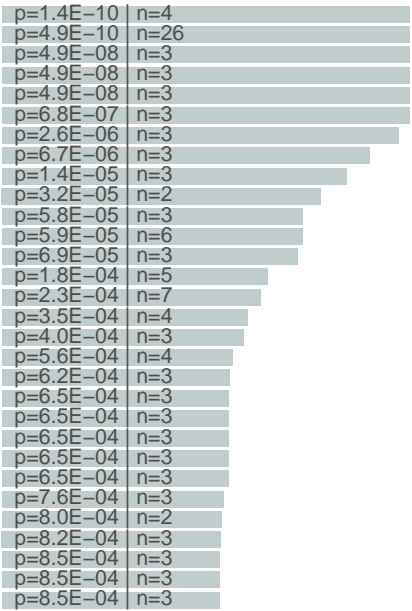


GO:BP
gc018

fraction genes in fg and expected value

myofibroblast contraction	GO:1990764
G protein-coupled receptor signaling pat...	GO:0007186
positive regulation of cardiac endotheli...	GO:0062000
positive regulation of selenocysteine in...	GO:1904571
positive regulation of Notch signaling p...	GO:0035481
endocardial cushion fusion	GO:0003274
cardiac jelly development	GO:1905072
negative regulation of nuclear-transcrib...	GO:2000623
intestinal epithelial cell differentiati...	GO:0060575
negative regulation of vitamin D recepto...	GO:0070563
aortic valve morphogenesis	GO:0003180
positive regulation of multicellular org...	GO:0040018
forebrain neuron development	GO:0021884
regulation of synapse assembly	GO:0051963
regulation of norepinephrine secretion	GO:0014061
positive regulation of mast cell degranu...	GO:0043306
negative regulation of cardiac muscle hy...	GO:0010614
G protein-coupled adenosine receptor sig...	GO:0001973
striatum development	GO:0021756
ghrelin secretion	GO:0036321
negative regulation of macrophage apopto...	GO:2000110
regulation of hindgut contraction	GO:0043134
positive regulation of small intestine s...	GO:1904349
positive regulation of small intestinal ...	GO:0120058
adult feeding behavior	GO:0008343
glomerular visceral epithelial cell migr...	GO:0090521
negative regulation of locomotion involv...	GO:0090327
positive regulation of appetite	GO:0032100
positive regulation of vascular endothel...	GO:1905564
positive regulation of eating behavior	GO:1904000



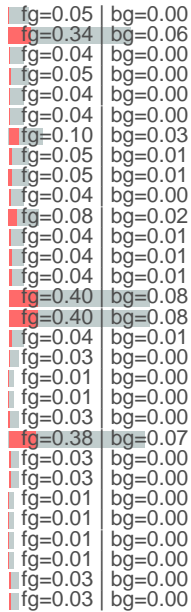
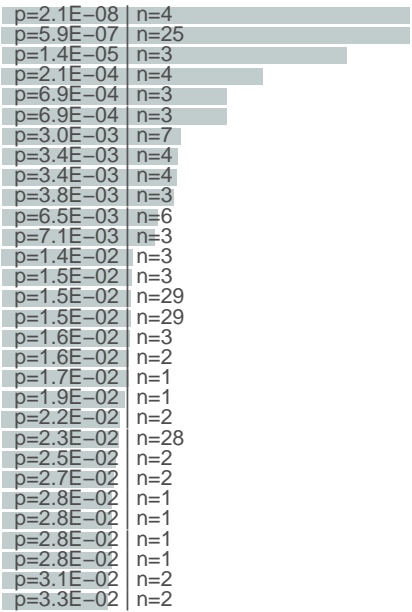
0 1 2 3 4 5
-log(p)
n=72/263 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0
fraction

GO:MF
gc018

fraction genes in fg and expected value

ganglioside GM1 binding	GO:1905573
G protein-coupled receptor activity	GO:0004930
selenocysteine insertion sequence bindin...	GO:0035368
G protein-coupled adenosine receptor act...	GO:0001609
growth hormone secretagogue receptor act...	GO:0001616
growth hormone-releasing hormone recepto...	GO:0016520
phospholipid binding	GO:0005543
peptide hormone binding	GO:0017046
protein-hormone receptor activity	GO:0016500
substance K receptor activity	GO:0016497
DNA-binding transcription factor activit...	GO:0000981
mRNA 3'-UTR binding	GO:0003730
DNA-binding transcription repressor acti...	GO:0001227
DNA-binding transcription repressor acti...	GO:0001217
signaling receptor activity	GO:0038023
molecular transducer activity	GO:0060089
olfactory receptor activity	GO:0004984
estrogen receptor binding	GO:0030331
fibroblast growth factor receptor bindin...	GO:0005104
Roundabout binding	GO:0048495
nuclear receptor coactivator activity	GO:0030374
transmembrane signaling receptor activit...	GO:0004888
G protein-coupled photoreceptor activity	GO:0008020
phosphatidylcholine binding	GO:0031210
MAP kinase tyrosine/serine/threonine pho...	GO:0017017
bradykinin receptor activity	GO:0004947
beta-2 adrenergic receptor binding	GO:0031698
MAP kinase phosphatase activity	GO:0033549
photoreceptor activity	GO:0009881
quaternary ammonium group binding	GO:0050997



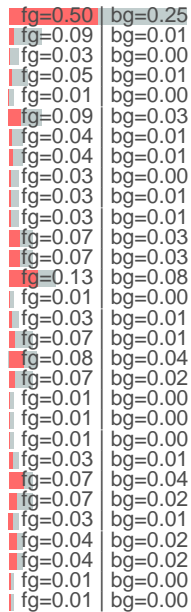
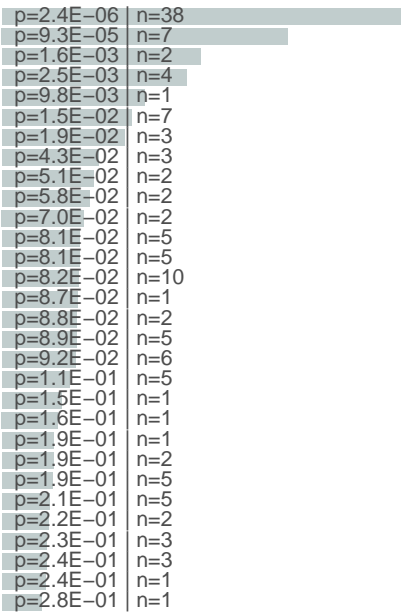
0 1 2 3 4 5
-log(p)
n=73/263 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0
fraction

GO:CC
gc018

fraction genes in fg and expected value

plasma membrane	GO:0005886
Schaffer collateral - CA1 synapse	GO:0098685
sperm connecting piece	GO:0097224
sperm head	GO:0061827
junctional membrane complex	GO:0030314
synaptic membrane	GO:0097060
sperm midpiece	GO:0097225
neuromuscular junction	GO:0031594
male germ cell nucleus	GO:0001673
trans-Golgi network membrane	GO:0032588
germ cell nucleus	GO:0043073
membrane raft	GO:0045121
membrane microdomain	GO:0098857
plasma membrane region	GO:0098590
outer kinetochore	GO:0000940
acrosomal vesicle	GO:0001669
sperm flagellum	GO:0036126
cell surface	GO:0009986
9+2 motile cilium	GO:0097729
sperm head plasma membrane	GO:1990913
cytoplasmic dynein complex	GO:0005868
sperm plasma membrane	GO:0097524
fibrillar center	GO:0001650
glutamatergic synapse	GO:0098978
motile cilium	GO:0031514
external side of plasma membrane	GO:0009897
secretory granule	GO:0030141
presynaptic membrane	GO:0042734
sarcoplasmic reticulum	GO:0016529
apoptosome	GO:0043293



0 1 2 3 4 5
-log(p)
n=76/263 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0
fraction