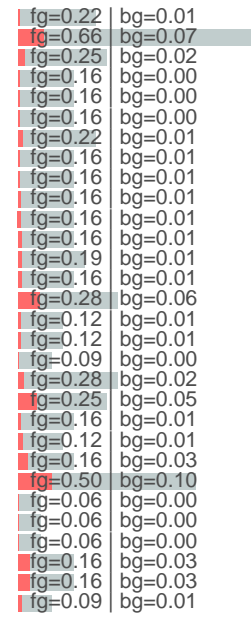
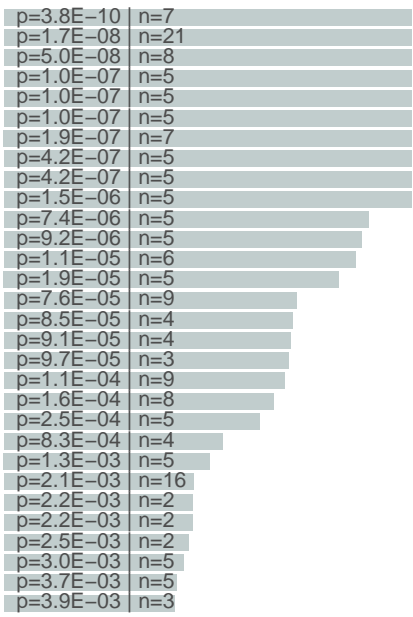


GO:BP  
gc006

fraction genes in fg and expected value

activation of adenylate cyclase activity	GO:0007190
G protein-coupled receptor signaling pat...	GO:0007186
adenylate cyclase-activating G protein-c...	GO:0007189
cellular response to glycoprotein	GO:1904588
thyroid-stimulating hormone signaling pa...	GO:0038194
cellular response to thyrotropin-releasi...	GO:1905229
hormone-mediated signaling pathway	GO:0009755
cochlea morphogenesis	GO:0090103
dopaminergic neuron differentiation	GO:0071542
inner ear receptor cell stereocilium org...	GO:0060122
adult locomotory behavior	GO:0008344
positive regulation of multicellular org...	GO:0040018
B cell differentiation	GO:0030183
positive regulation of cold-induced ther...	GO:0120162
regulation of locomotion	GO:0040012
adenylate cyclase-inhibiting G protein-c...	GO:0007193
hair follicle development	GO:0001942
epithelial cell proliferation involved i...	GO:2001013
inner ear development	GO:0048839
positive regulation of cell population p...	GO:0008284
oocyte differentiation	GO:0009994
learning	GO:0007612
peptide hormone secretion	GO:0030072
regulation of cell population proliferat...	GO:0042127
oocyte maturation	GO:0001556
G protein-coupled glutamate receptor sig...	GO:0007216
positive regulation of cAMP-mediated sig...	GO:0043950
protein secretion	GO:0009306
positive regulation of secretion by cell	GO:1903532
positive regulation of canonical Wnt sig...	GO:0090263



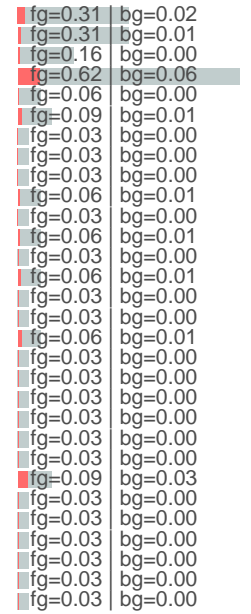
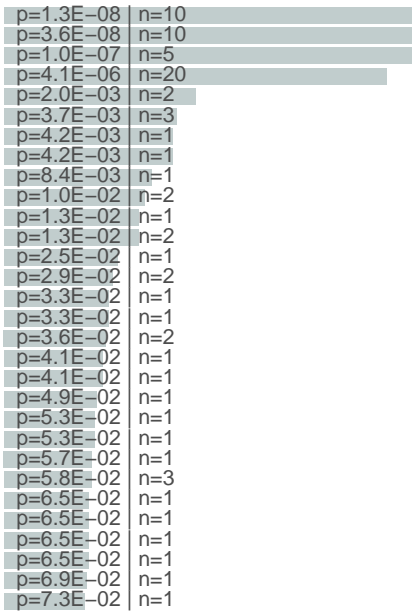
0 1 2 3 4 5  
-log(p)  
n=32/82 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0  
fraction

GO:MF  
gc006

fraction genes in fg and expected value

G protein-coupled peptide receptor activ...	GO:0008528
protein-hormone receptor activity	GO:0016500
thyroid-stimulating hormone receptor act...	GO:0004996
G protein-coupled receptor activity	GO:0004930
adenylate cyclase inhibiting G protein-c...	GO:0001640
neuropeptide receptor activity	GO:0008188
double-stranded DNA endodeoxyribonucleas...	GO:1990238
prostaglandin F receptor activity	GO:0004958
D5 dopamine receptor binding	GO:0031752
substance K receptor activity	GO:0016497
extracellular matrix structural constitu...	GO:0030021
tachykinin receptor activity	GO:0004995
melatonin receptor activity	GO:0008502
peptide hormone binding	GO:0017046
group II metabotropic glutamate receptor...	GO:0001641
group III metabotropic glutamate recepto...	GO:0001642
hormone binding	GO:0042562
G-protein beta/gamma-subunit complex bin...	GO:0031683
cobalamin binding	GO:0031419
voltage-gated potassium channel activity	GO:0005249
growth factor activity	GO:0008083
bombesin receptor activity	GO:0004946
metallocarboxypeptidase activity	GO:0004181
peptide binding	GO:0042277
extracellular matrix protein binding	GO:1990430
G protein-coupled neurotransmitter recep...	GO:0099579
G protein-coupled receptor activity invo...	GO:0099530
G protein-coupled neurotransmitter recep...	GO:0150047
G protein-coupled neurotransmitter recep...	GO:0099528
cargo receptor activity	GO:0038024



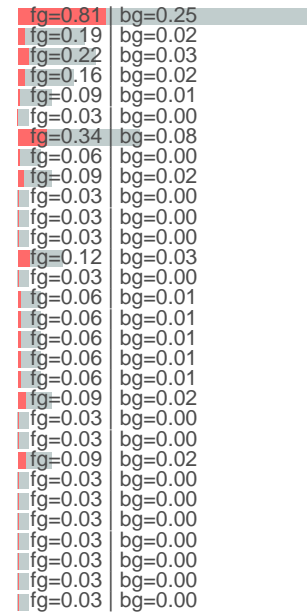
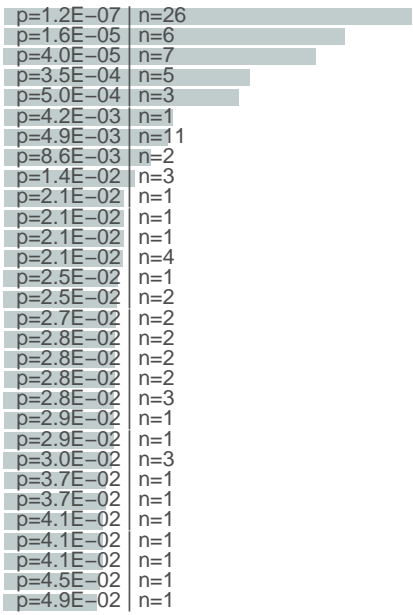
0 1 2 3 4 5  
-log(p)  
n=32/82 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0  
fraction

GO:CC  
gc006

fraction genes in fg and expected value

plasma membrane	GO:0005886
receptor complex	GO:0043235
membrane raft	GO:0045121
basolateral plasma membrane	GO:0016323
trans-Golgi network membrane	GO:0032588
DNA recombinase complex	GO:0097519
plasma membrane region	GO:0098590
extrinsic component of cytoplasmic side ...	GO:0031234
plasma membrane protein complex	GO:0098797
synaptobrevin 2-SNAP-25-syntaxin-1a-comp...	GO:0070032
synaptobrevin 2-SNAP-25-syntaxin-1a-comp...	GO:0070033
endodeoxyribonuclease complex	GO:1905347
synaptic membrane	GO:0097060
synaptobrevin 2-SNAP-25-syntaxin-1a comp...	GO:0070044
presynaptic active zone	GO:0048786
sperm midpiece	GO:0097225
sperm head	GO:0061827
intrinsic component of plasma membrane	GO:0031226
integral component of plasma membrane	GO:0005887
postsynaptic membrane	GO:0045211
growing cell tip	GO:0035838
new growing cell tip	GO:0035841
presynaptic membrane	GO:0042734
cell pole	GO:0060187
cell tip	GO:0051286
ribbon synapse	GO:0097470
heterotrimeric G-protein complex	GO:0005834
extrinsic component of presynaptic membr...	GO:0098888
voltage-gated potassium channel complex	GO:0008076
GTPase complex	GO:1905360



0 1 2 3 4 5  
-log(p)  
n=32/82 input genes with annotations

0.0 0.2 0.4 0.6 0.8 1.0  
fraction