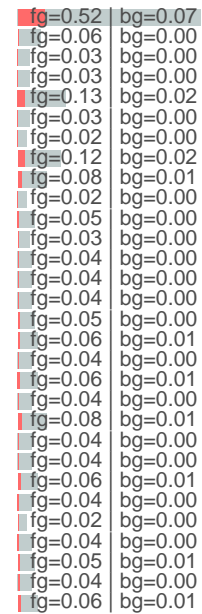
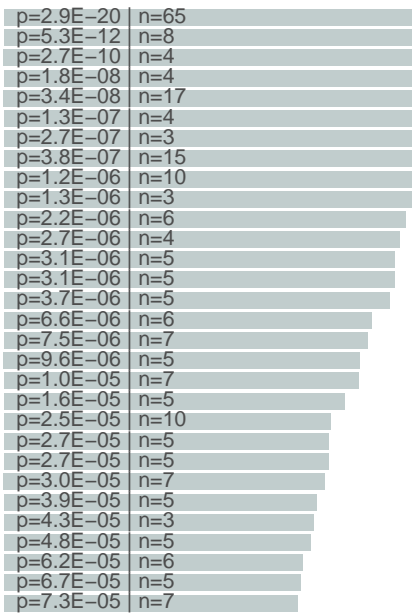


GO:BP
gc014

fraction genes in fg and expected value

G protein-coupled receptor signaling pat...	GO:0007186
positive regulation of neuroblast prolifer...	GO:0002052
pyramidal neuron migration to cerebral c...	GO:0021852
axon midline choice point recognition	GO:0016199
positive regulation of cytosolic calcium...	GO:0007204
neuron fate determination	GO:0048664
neurohypophysis development	GO:0021985
adenylate cyclase-activating G protein-c...	GO:0007189
inner ear morphogenesis	GO:0042472
hypothalamus cell differentiation	GO:0021979
B cell receptor signaling pathway	GO:0050853
neuroendocrine cell differentiation	GO:0061101
bombesin receptor signaling pathway	GO:0031989
positive regulation of osteoclast prolifer...	GO:0090290
positive regulation of respiratory gaseo...	GO:1903942
regulation of sensory perception of pain	GO:0051930
sensory perception of smell	GO:0007608
grooming behavior	GO:0007625
postsynaptic modulation of chemical syna...	GO:0099170
toll-like receptor 4 signaling pathway	GO:0034142
phospholipase C-activating G protein-cou...	GO:0007200
antiviral innate immune response	GO:0140374
homophilic cell adhesion via plasma memb...	GO:0007156
negative regulation of interleukin-6 pro...	GO:0032715
positive regulation of interferon-alpha ...	GO:0032727
complement receptor mediated signaling p...	GO:0002430
lipopolysaccharide-mediated signaling pa...	GO:0031663
dopaminergic neuron differentiation	GO:0071542
positive regulation of glutamate secreti...	GO:0014049
hair follicle development	GO:0001942



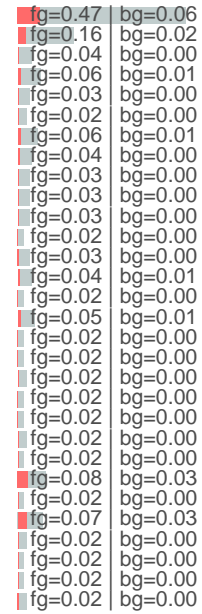
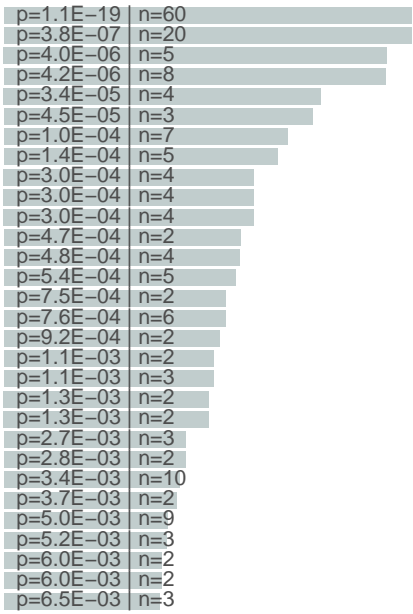
-log(p)
n=126/345 input genes with annotations

fraction

GO:MF
gc014

fraction genes in fg and expected value

G protein-coupled receptor activity	GO:0004930
G protein-coupled peptide receptor activ...	GO:0008528
bombesin receptor activity	GO:0004946
olfactory receptor activity	GO:0004984
group II metabotropic glutamate receptor...	GO:0001641
complement receptor activity	GO:0004875
peptide hormone binding	GO:0017046
calcium channel regulator activity	GO:0005246
G protein-coupled neurotransmitter recep...	GO:0150047
G protein-coupled neurotransmitter recep...	GO:0099579
extracellular matrix protein binding	GO:1990430
semaphorin receptor activity	GO:0017154
G protein-coupled GABA receptor activity	GO:0004965
scaffold protein binding	GO:0097110
melanocyte-stimulating hormone receptor ...	GO:0004980
protein-hormone receptor activity	GO:0016500
polysaccharide binding	GO:0030247
Rho GDP-dissociation inhibitor binding	GO:0051022
angiotensin receptor binding	GO:0031701
NAD(P)+ nucleosidase activity	GO:0050135
NAD+ nucleotidase, cyclic ADP-ribose gen...	GO:0061809
phosphotyrosine residue binding	GO:0001784
phosphatidylinositol phospholipase C act...	GO:0004435
calcium ion binding	GO:0005509
platelet-derived growth factor receptor ...	GO:0005161
DNA-binding transcription factor activit...	GO:0003700
neuropeptide binding	GO:0042923
dopamine neurotransmitter receptor activ...	GO:0001588
D3 dopamine receptor binding	GO:0031750
NF-kappaB binding	GO:0051059



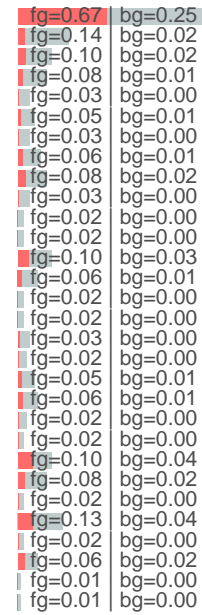
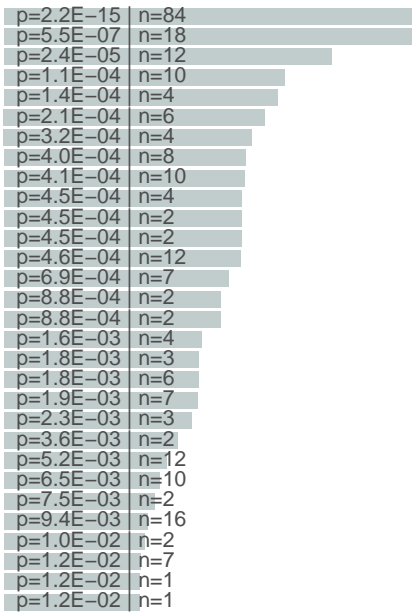
-log(p)
n=127/345 input genes with annotations

fraction

GO:CC
gc014

fraction genes in fg and expected value

plasma membrane	GO:0005886
receptor complex	GO:0043235
presynaptic membrane	GO:0042734
dendritic spine	GO:0043197
astrocyte projection	GO:0097449
dendritic shaft	GO:0043198
G protein-coupled GABA receptor complex	GO:1902712
Schaffer collateral - CA1 synapse	GO:0098685
postsynaptic membrane	GO:0045211
G protein-coupled receptor heterodimeric...	GO:0038039
rough endoplasmic reticulum lumen	GO:0048237
semaphorin receptor complex	GO:0002116
membrane raft	GO:0045121
external side of plasma membrane	GO:0009897
peptidase inhibitor complex	GO:1904090
protein complex involved in cell-matrix ...	GO:0098637
axolemma	GO:0030673
cleavage furrow	GO:0032154
GABA-ergic synapse	GO:0098982
collagen-containing extracellular matrix	GO:0062023
sperm head plasma membrane	GO:1990913
Golgi lumen	GO:0005796
glutamatergic synapse	GO:0098978
cell projection membrane	GO:0031253
dendritic spine neck	GO:0044326
cell surface	GO:0009986
dendritic spine head	GO:0044327
basolateral plasma membrane	GO:0016323
banded collagen fibril	GO:0098643
fibrillar collagen trimer	GO:0005583



-log(p)
n=126/345 input genes with annotations

fraction