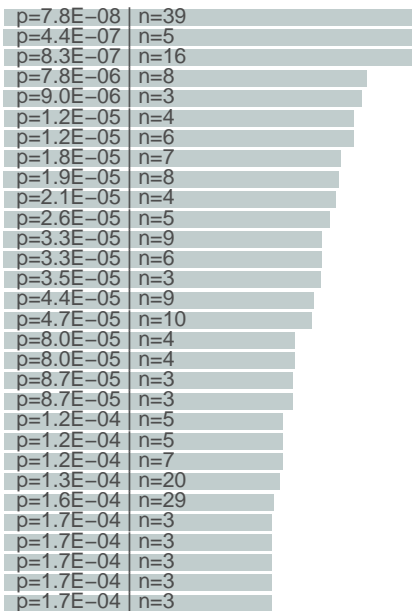


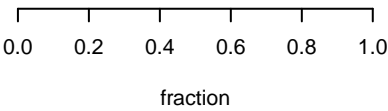
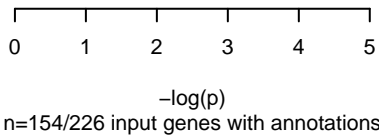
GO:BP
CniBil_pres

fraction genes in fg and expected value

regulation of ion transmembrane transpor...	GO:0034765
detection of calcium ion	GO:0005513
potassium ion transmembrane transport	GO:0071805
cellular response to calcium ion	GO:0071277
inhibitory G protein-coupled receptor ph...	GO:0002030
calcium ion export across plasma membran...	GO:1990034
response to cadmium ion	GO:0046686
regulation of dopamine secretion	GO:0014059
regulation of cardiac muscle contraction	GO:0055117
protein heterooligomerization	GO:0051291
regulation of release of sequestered cal...	GO:0010880
regulation of synaptic vesicle exocytosi...	GO:2000300
calcium-dependent activation of synaptic...	GO:0099502
activation of meiosis involved in egg ac...	GO:0060466
protein homooligomerization	GO:0051260
regulation of neuronal synaptic plastici...	GO:0048168
ionotropic glutamate receptor signaling ...	GO:0035235
regulation of synaptic transmission, dop...	GO:0032225
regulation of skeletal muscle contractio...	GO:0100001
positive regulation of cyclic-nucleotide...	GO:0051343
vesicle docking	GO:0048278
regulation of the force of heart contrac...	GO:0002026
positive regulation of insulin secretion	GO:0032024
synaptic vesicle exocytosis	GO:0016079
calcium ion transport	GO:0006816
regulation of calcium-dependent activati...	GO:0150037
spontaneous neurotransmitter secretion	GO:0061669
positive regulation of phospholipase A2 ...	GO:0032430
regulation of synaptic transmission, cho...	GO:0032222
positive regulation of synapse maturatio...	GO:0090129



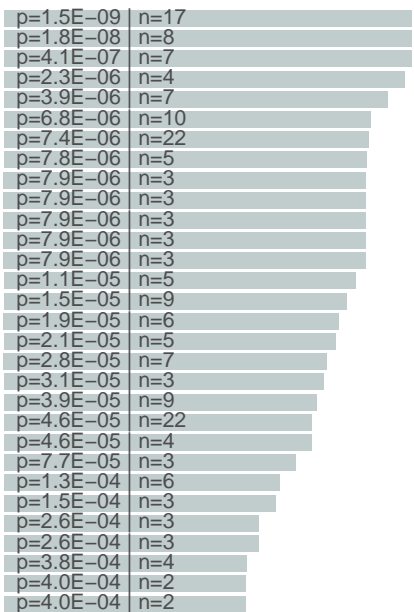
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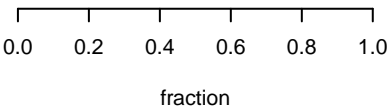
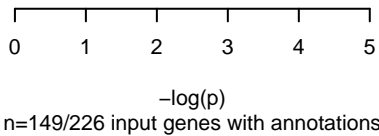
GO:MF
CniBil_pres

fraction genes in fg and expected value

calmodulin binding	GO:0005516
delayed rectifier potassium channel acti...	GO:0005251
ligand-gated ion channel activity invol...	GO:0099507
adenylate cyclase activator activity	GO:0010856
calcium-dependent phospholipid binding	GO:0005544
transmembrane transporter binding	GO:0044325
calcium ion binding	GO:0005509
potassium ion binding	GO:0030955
N-terminal myristoylation domain binding	GO:0031997
syntaxin-3 binding	GO:0030348
type 3 metabotropic glutamate receptor b...	GO:0031800
titin binding	GO:0031432
histone kinase activity (H3-T6 specific)	GO:0035403
voltage-gated ion channel activity invol...	GO:0099508
calcium-dependent protein binding	GO:0048306
phosphatidylserine binding	GO:0001786
ankyrin binding	GO:0030506
calcium-dependent protein serine/threoni...	GO:0009931
AMPA glutamate receptor activity	GO:0004971
PDZ domain binding	GO:0030165
protein kinase binding	GO:0019901
high voltage-gated calcium channel activ...	GO:0008331
structural constituent of postsynaptic a...	GO:0098973
clathrin binding	GO:0030276
NMDA glutamate receptor activity	GO:0004972
cAMP-dependent protein kinase inhibitor ...	GO:0004862
P-type calcium transporter activity	GO:0005388
mRNA 3'-UTR AU-rich region binding	GO:0035925
protein binding involved in heterotypic ...	GO:0086080
alpha-2B adrenergic receptor binding	GO:0031695



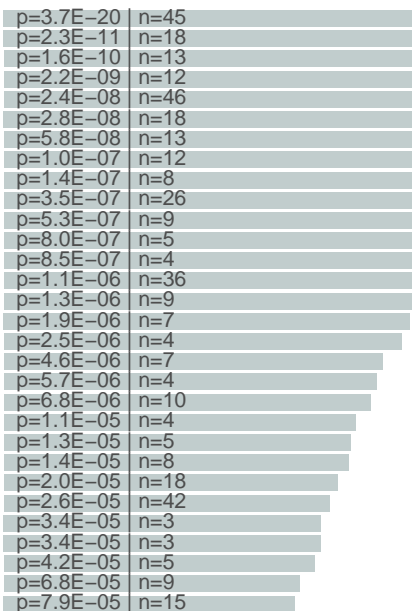
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GO:CC
CniBil_pres

fraction genes in fg and expected value

glutamatergic synapse	GO:0098978
synaptic vesicle membrane	GO:0030672
voltage-gated potassium channel complex	GO:0008076
presynaptic active zone membrane	GO:0048787
axon	GO:0030424
dendritic spine	GO:0043197
Schaffer collateral - CA1 synapse	GO:0098685
perikaryon	GO:0043204
neuronal cell body membrane	GO:0032809
presynaptic membrane	GO:0042734
terminal bouton	GO:0043195
presynaptic cytosol	GO:0099523
calcium- and calmodulin-dependent protei...	GO:0005954
neuronal cell body	GO:0043025
T-tubule	GO:0030315
voltage-gated calcium channel complex	GO:0005891
spectrin	GO:0008091
hippocampal mossy fiber to CA3 synapse	GO:0098686
cAMP-dependent protein kinase complex	GO:0005952
postsynaptic density membrane	GO:0098839
kainate selective glutamate receptor com...	GO:0032983
axolemma	GO:0030673
excitatory synapse	GO:0060076
axon terminus	GO:0043679
dendrite	GO:0030425
terminal cisterna	GO:0014802
spectrin-associated cytoskeleton	GO:0014731
axon initial segment	GO:0043194
GABA-ergic synapse	GO:0098982
membrane raft	GO:0045121



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