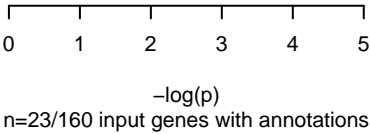


GO:BP
Ncol_Nvec_vc1.1_XM_032363992.2

fraction genes in fg and expected value

neurotransmitter transport	GO:0006836	p=3.2E-03	n=5
regulation of potassium ion transmembran...	GO:1901379	p=7.3E-03	n=3
neuronal action potential	GO:0019228	p=7.3E-03	n=3
regulation of response to oxidative stre...	GO:1902882	p=8.8E-03	n=2
courtship behavior	GO:0007619	p=1.1E-02	n=3
signal transduction in absence of ligand	GO:0038034	p=1.7E-02	n=2
extrinsic apoptotic signaling pathway in...	GO:0097192	p=1.7E-02	n=2
foam cell differentiation	GO:0090077	p=1.7E-02	n=2
negative regulation of intrinsic apoptot...	GO:2001243	p=1.7E-02	n=2
membrane depolarization during action po...	GO:0086010	p=1.7E-02	n=2
actin-mediated cell contraction	GO:0070252	p=1.9E-02	n=3
detection of visible light	GO:0009584	p=2.5E-02	n=3
circadian sleep/wake cycle	GO:0042745	p=2.5E-02	n=3
regulation of circadian sleep/wake cycle	GO:0042749	p=2.5E-02	n=3
modulation of chemical synaptic transmis...	GO:0050804	p=2.6E-02	n=5
regulation of trans-synaptic signaling	GO:0099177	p=2.6E-02	n=5
negative regulation of potassium ion tra...	GO:0043267	p=2.7E-02	n=2
cellular response to magnesium ion	GO:0071286	p=2.7E-02	n=2
regulation of atrial cardiac muscle cell...	GO:0060372	p=2.7E-02	n=2
startle response	GO:0001964	p=2.7E-02	n=2
dopamine transport	GO:0015872	p=2.7E-02	n=2
detection of mechanical stimulus involve...	GO:0050966	p=2.7E-02	n=2
optic nerve morphogenesis	GO:0021631	p=2.7E-02	n=2
optic nerve structural organization	GO:0021633	p=2.7E-02	n=2
detection of mechanical stimulus involve...	GO:0050976	p=2.7E-02	n=2
regulation of dopamine secretion	GO:0014059	p=2.7E-02	n=2
membrane hyperpolarization	GO:0060081	p=2.7E-02	n=2
positive regulation of membrane potentia...	GO:0045838	p=2.7E-02	n=2
dopamine secretion	GO:0014046	p=2.7E-02	n=2
mating behavior, sex discrimination	GO:0048047	p=2.7E-02	n=2

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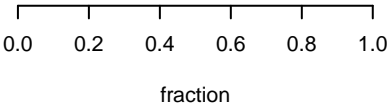
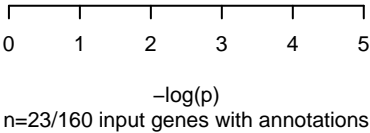


GO:MF
Ncol_Nvec_vc1.1_XM_032363992.2

fraction genes in fg and expected value

voltage-gated cation channel activity	GO:0022843	p=8.0E-03	n=4
potassium channel regulator activity	GO:0015459	p=1.4E-02	n=3
ion gated channel activity	GO:0022839	p=2.0E-02	n=5
metal ion transmembrane transporter acti...	GO:0046873	p=2.4E-02	n=5
voltage-gated potassium channel activity...	GO:0086087	p=3.4E-02	n=2
voltage-gated potassium channel activity...	GO:0086089	p=3.4E-02	n=2
cyclic nucleotide-gated ion channel acti...	GO:0043855	p=3.4E-02	n=2
delayed rectifier potassium channel acti...	GO:0005251	p=3.4E-02	n=2
disordered domain specific binding	GO:0097718	p=3.4E-02	n=2
voltage-gated potassium channel activity...	GO:0086090	p=3.4E-02	n=2
voltage-gated potassium channel activity...	GO:0086008	p=3.4E-02	n=2
intracellular cyclic nucleotide activate...	GO:0005221	p=3.4E-02	n=2
ion channel regulator activity	GO:0099106	p=4.2E-02	n=3
calcium ion binding	GO:0005509	p=4.2E-02	n=3
channel regulator activity	GO:0016247	p=4.2E-02	n=3
transmembrane transporter activity	GO:0022857	p=4.3E-02	n=9
ion channel inhibitor activity	GO:0008200	p=4.9E-02	n=2
molecular function inhibitor activity	GO:0140678	p=4.9E-02	n=2
channel inhibitor activity	GO:0016248	p=4.9E-02	n=2
alpha-actinin binding	GO:0051393	p=4.9E-02	n=2
actinin binding	GO:0042805	p=4.9E-02	n=2
potassium channel inhibitor activity	GO:0019870	p=4.9E-02	n=2
active transmembrane transporter activit...	GO:0022804	p=6.1E-02	n=3
phospholipase A2 activity	GO:0004623	p=6.3E-02	n=1
macromolecule transmembrane transporter ...	GO:0022884	p=6.3E-02	n=1
platelet-activating factor acetyltransfe...	GO:0047179	p=6.3E-02	n=1
peptidyl-prolyl cis-trans isomerase acti...	GO:0003755	p=6.3E-02	n=1
protein transporter activity	GO:0140318	p=6.3E-02	n=1
adenyl-nucleotide exchange factor activi...	GO:0000774	p=6.3E-02	n=1
BH3 domain binding	GO:0051434	p=6.3E-02	n=1

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GO:CC
Ncol_Nvec_vc1.1_XM_032363992.2

fraction genes in fg and expected value

voltage-gated potassium channel complex	GO:0008076	p=7.6E-03	n=3
presynapse	GO:0098793	p=8.3E-03	n=6
exocytic vesicle	GO:0070382	p=9.4E-03	n=4
exocytic vesicle membrane	GO:0099501	p=1.1E-02	n=3
transport vesicle membrane	GO:0030658	p=1.5E-02	n=3
contractile fiber	GO:0043292	p=1.8E-02	n=4
Z disc	GO:0030018	p=2.0E-02	n=3
I band	GO:0031674	p=2.6E-02	n=3
cell body membrane	GO:0044298	p=2.6E-02	n=3
neuronal cell body membrane	GO:0032809	p=2.6E-02	n=3
juxtaparanode region of axon	GO:0044224	p=2.8E-02	n=2
intracellular canaliculus	GO:0046691	p=2.8E-02	n=2
sarcomere	GO:0030017	p=3.9E-02	n=3
apical plasma membrane	GO:0016324	p=4.0E-02	n=4
brush border	GO:0005903	p=4.1E-02	n=2
paranode region of axon	GO:0033270	p=4.1E-02	n=2
myofibril	GO:0030016	p=4.7E-02	n=3
synaptic vesicle	GO:0008021	p=4.7E-02	n=3
intercalated disc	GO:0014704	p=5.5E-02	n=2
cluster of actin-based cell projections	GO:0098862	p=5.5E-02	n=2
integral component of postsynaptic membr...	GO:0099055	p=5.5E-02	n=2
integral component of presynaptic membra...	GO:0099056	p=5.5E-02	n=2
integral component of synaptic membrane	GO:0099699	p=5.5E-02	n=2
intrinsic component of presynaptic membr...	GO:0098889	p=5.5E-02	n=2
intrinsic component of postsynaptic memb...	GO:0098936	p=5.5E-02	n=2
intrinsic component of synaptic membrane	GO:0099240	p=5.5E-02	n=2
postsynaptic membrane	GO:0045211	p=5.6E-02	n=3
platelet alpha granule	GO:0031091	p=5.7E-02	n=1
platelet alpha granule lumen	GO:0031093	p=5.7E-02	n=1
Bcl-2 family protein complex	GO:0097136	p=5.7E-02	n=1

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