

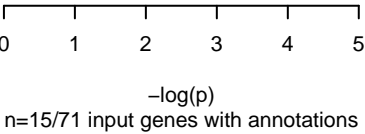
GO:BP  
Elav\_Nvec\_vc1.1\_XM\_032374041.2

fraction genes in fg and expected value

establishment of blood–brain barrier GO:0060856  
G2/M transition of mitotic cell cycle GO:0000086  
regulation of G2/M transition of mitotic... GO:0010389  
cell cycle G2/M phase transition GO:0044839  
regulation of cell cycle G2/M phase tran... GO:1902749  
behavior GO:0007610  
nervous system process GO:0050877  
response to cocaine GO:0042220  
import into nucleus GO:0051170  
protein import GO:0017038  
protein import into nucleus GO:0006606  
negative regulation of translation GO:0017148  
macromolecule localization GO:0033036  
response to organic cyclic compound GO:0014070  
regulation of proteasomal protein catabo... GO:0061136  
negative regulation of cellular amide me... GO:0034249  
response to endoplasmic reticulum stress GO:0034976  
regulation of cell development GO:0060284  
intracellular protein transport GO:0006886  
nuclear transport GO:0051169  
nucleocytoplasmic transport GO:0006913  
sensory perception of light stimulus GO:0050953  
visual perception GO:0007601  
regulation of proteolysis involved in ce... GO:1903050  
cellular localization GO:0051641  
regulation of cell cycle phase transitio... GO:1901987  
epithelial cell maturation GO:0002070  
late endosome to Golgi transport GO:0034499  
positive regulation of protein import GO:1904591  
cartilage development involved in endoch... GO:0060351

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p=2.4E−02	n=2
p=2.4E−02	n=2
p=2.7E−02	n=3
p=2.8E−02	n=5
p=2.8E−02	n=4
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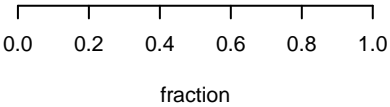
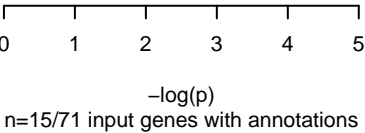
GO:MF  
Elav\_Nvec\_vc1.1\_XM\_032374041.2

fraction genes in fg and expected value

mRNA regulatory element binding translat... GO:0000900  
adenyl nucleotide binding GO:0030554  
ATPase regulator activity GO:0060590  
mRNA 3'–UTR binding GO:0003730  
nucleoside–triphosphatase regulator acti... GO:0060589  
enzyme regulator activity GO:0030234  
magnesium ion binding GO:0000287  
adenyl ribonucleotide binding GO:0032559  
ligase activity, forming carbon–sulfur b... GO:0016877  
ubiquitin conjugating enzyme binding GO:0031624  
adenyl–nucleotide exchange factor activi... GO:0000774  
protein serine/threonine kinase inhibito... GO:0030291  
translation factor activity, RNA binding GO:0008135  
poly(U) RNA binding GO:0008266  
ubiquitin–like modifier activating enzym... GO:0008641  
ubiquitin–like protein conjugating enzym... GO:0044390  
beta–2 adrenergic receptor binding GO:0031698  
GDP–dissociation inhibitor activity GO:0005092  
protein kinase A catalytic subunit bindi... GO:0034236  
UFM1 activating enzyme activity GO:0071566  
poly–pyrimidine tract binding GO:0008187  
beta–glucuronidase activity GO:0004566  
cAMP–dependent protein kinase regulator ... GO:0008603  
cAMP–dependent protein kinase inhibitor ... GO:0004862  
mRNA 3'–UTR AU–rich region binding GO:0035925  
ribonucleotide binding GO:0032553  
purine ribonucleotide binding GO:0032555  
molecular function regulator activity GO:0098772  
double–stranded RNA binding GO:0003725  
ligase activity GO:0016874

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GO:CC  
Elav\_Nvec\_vc1.1\_XM\_032374041.2

fraction genes in fg and expected value

presynaptic active zone GO:0048786  
messenger ribonucleoprotein complex GO:1990124  
Cajal body GO:0015030  
septate junction GO:0005918  
pleated septate junction GO:0005919  
polysomal ribosome GO:0042788  
nuclear matrix GO:0016363  
pigment granule GO:0048770  
molybdopterin synthase complex GO:0019008  
lysosomal lumen GO:0043202  
nuclear periphery GO:0034399  
melanosome GO:0042470  
intracellular membrane–bounded organelle GO:0043231  
membrane–bounded organelle GO:0043227  
germinal vesicle GO:0042585  
nucleotide–activated protein kinase comp... GO:0031588  
ribosome GO:0005840  
polysome GO:0005844  
Golgi medial cisterna GO:0005797  
female germ cell nucleus GO:0001674  
tight junction GO:0070160  
cytoplasmic stress granule GO:0010494  
cAMP–dependent protein kinase complex GO:0005952  
centrosome GO:0005813  
ribonucleoprotein complex GO:1990904  
intracellular organelle GO:0043229  
germ cell nucleus GO:0043073  
ficolin–1–rich granule lumen GO:1904813  
apical junction complex GO:0043296  
protein kinase complex GO:1902911

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p=6.4E−02	n=14
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