

poly(U) RNA binding GO:0008266
cysteine-type endopeptidase regulator ac... GO:0043028
G-protein alpha-subunit binding GO:0001965
enzyme activator activity GO:0008047
methylation-dependent protein binding GO:0140034
methylated histone binding GO:0035064
D-glucose transmembrane transporter acti... GO:0055056 bg=0.00 bg=0.00 p=6.2E-03 | n=2 p=6.2E-03 | n=2 fg=0.05 fg=0.05 p=9.1E-03 n=2 p=1.3E-02 n=6 fg=0.05 bg=0.00 fg=0.15 fg=0.05 bg=0.05 p=1.6E-02 p=1.6E-02 n=2bg=0.01 fg=0.05 bg=0.01 n=2fg=0.02 fg=0.02 p=2.6E-02 n=1bg=0.00 rRNA primary transcript binding GO:0042134 sugar transmembrane transporter activity GO:0051119 carbohydrate:cation symporter activity GO:0005402 carbohydrate transmembrane transporter a... GO:0015144 monosaccharide transmembrane transporter... GO:0015145 hexose transmembrane transporter activit... GO:0015149 p=2.6E-02ba = 0.00n=1p=2.6E-02 p=2.6E-02 n=1fg=0.02 bg=0.00 fg=0.02 bg=0.00 n=1bg=0.00 p=2.6E-02 fg=0.02 fa=0.02 bg=0.00 bg=0.00 p=2.6E-02n=1fg=0.02 fg=0.02 hexose transmembrane transporter activit... GO:0015149
TFIIF-class transcription factor complex... GO:0001096
dystroglycan binding GO:0002162
beta-1 adrenergic receptor binding GO:0031697
polypeptide N-acetylgalactosaminyltransf... GO:0004653
endoribonuclease activity, producing 3'-... GO:0016892
endonuclease activity, active with eithe... GO:0016894
carbohydrate:proton symporter activity GO:0005351
glucose transmembrane transporter activity. GO:0005355
tRNA-intron endonuclease activity GO:0002213
riboflavin transmembrane transporter act... GO:0032217
kinetochore binding GO:0043515 p=2.6E-02n=1bg = 0.00bg=0.00 p=2.6E-02 fg=0.02 fg=0.02 bg=0.00 p=2.6E-02n=1bg=0.00 n=1fg=0.02 p=2.6E-02n=1bg=0.00 p=2.6E bg=0.00 n=1fg=0.02 p=2.6E-02n=1bg=0.00 p=2.6E-02 fg=0.02 bg=0.00 n=1n=1fg=0.02 bg=0.00 p=2.6E-02p=2.6E-02 fg=0.02 bg=0.00 n=1kinetochore binding GO:0032317
protein kinase binding GO:0019901
peptidase regulator activity GO:0061134
kinase binding GO:0019900
ribonuclease activity GO:0004540 p=2.6E-02 n=1∎fg=0.02 bg=0.00 p=3.0E-02 fg=0.17 bg=0.08 n=7p=3.1E-02 n=2fg=0.05 bg=0.01 bg=0.08 bg=0.01 p=3.8E-02 p=4.8E-02 p=4.8E-02 n=7 fq = 0.17n=2 n=2 fg=0.05 protein tyrosine kinase binding GO:1990782 actin binding GO:0003779 bq = 0.01fg=0.07 bg=0.02 1 2 3 0.0 0.2 5 0.4 0.6 0.8 1.0 fraction –log(p) n=41/157 input genes with annotations

GO:CC fraction genes in fg and expected value Elav_Nvec_vc1.1_XM_048730757.1

fg=0.04 | bg=0.00 fg=0.04 | bg=0.00 fğ=0.04 bg=0.00 ba=0.29 fg=0.04 bg=0.00 fg = 0.19bg=0.08 fg=0.04 bg=0.00 fg=0.04 bg=0.00 fg=0.25 fg=0.02 bg=0.13 bg=0.00 bg=0.00 fg=0.02 bg=0.00 bg=0.00 fa=0.02 fg=0.02 fg=0.02 fg=0.02 bg=0.00 bg=0.00 fg=0.02 fg=0.02 bg=0.00 bg=0.00 fg=0.02 fg=0.02 bg=0.00 bg=0.00 fg=0.02 fg=0.02 bg=0.00 bg=0.00 fg=0.02 bg=0.00 fg=0.02 bg=0.00 fg=0.02 bg=0.00 fg=0.02 bg=0.00 fg=0.02 bg=0.00 bg=0.00 bg=0.05 fg=0.02 fg=0.12 bg=0.14 **=**0.25 bg=0.10 fg=0.19 0.0 0.2 0.4 0.6 0.8 1.0 fraction

p=2.0E-03 n=2 p=2.0E-03 n=2 p=4.0E-03 n=2 p=9.1E-03 n=2 p=9.7E-03 n=2 p=1.3E-02 n=9 intercalary heterochromatin GO:0005725 PRC1 complex GO:0035102 mitochondrial large ribosomal subunit GO:0005762 cell periphery GO:0071944
excitatory synapse GO:0060076
Golgi apparatus subcompartment GO:0098791
Golgi cisterna membrane GO:0032580 p=1.3E-02 n=2 Golgi cisterna membrane GC:0032580
COPI—coated vesicle GO:0030137
Golgi apparatus GO:0005794
chromaffin granule GO:0042583
chromaffin granule membrane GO:0042584
centrosomal corona GO:0031592
RNA polymerase III transcription regulat... GO:0909576
type voltage—gated calcium channel com... GO:1990454
cortical microtubule cytoskeleton GO:0030981 $p=1.3E-02 \mid n=2$ p=1.9E-02 p=2.6E-02 n=12 n=1 p=2.6E-02 p=2.6E-02n=1p=2.6E-02n=1p=2.6E-02cortical microtubule cytoskeleton GO:0030981
exoribonuclease complex GO:19053584
hippocampal mossy fiber to CA3 synapse GO:0098686
exosome (RNase complex) GO:0000178
transcription factor TFIIIC complex GO:0000127
cytoplasmic microtubule plus—end GO:1904511
apoptosome GO:0043293
lumenal side of Golgi membrane GO:0098547
cortical microtubule GO:0055028 p=2.6E-02n=1p=2.6E n=1p=2.6E-02n=1p=2.6E -02 n=1p=2.6E-02n=1p=2.6E-02 n=1p=2.6E-02n=1 p=2.6E -02 n=1p=2.6E-02 tRNA-intron endonuclease complex GO:0000214 n=1nuclear outer membrane GO:0005640 AP-3 adaptor complex GO:0030123 p=2.6E-02 n=1p=2.6E-02 n=1cortical microtubule plus-end GO:1903754 centrosome GO:0005813 p=2.6E-02n=1 p=3.2E-02 p=3.3E-02 n=6 organelle subcompartment GO:0031984 plasma membrane region GO:0098590 n=12 n=9 p=3.8E-02 0 2 3 4 5 -log(p) n=48/157 input genes with annotations