

cysteine–type endopeptidase activator ac... GO:0008656
triglyceride lipase activity GO:0004806
transporter activity GO:0005215
acyltransferase activity, transferring g... GO:0016747
transmembrane transporter activity GO:0022857
acyltransferase activity GO:0016746
dynactin binding GO:0034452
inorganic molecular entity transmembrane... GO:0015318
phospholipase activity GO:0004620
ion transmembrane transporter activity GO:0015075
3'-phosphoadenosine 5'-phosphosulfate tr... GO:0046964
tropomyosin binding GO:0005523
open rectifier potassium channel activit... GO:0005252
taste receptor binding GO:00031883 p=6.2E-03 | n=2 p=6.2E-03 | n=2 ■fg=0.03 bg=0.00 bg=0.00 fg=0.03 p=1.3E-02 n=15 p=1.4E-02 n=4 =0.20 bg=0.11 fg=0.05 bg=0.01 **g**=0.18 p=1.4E-02 n=13 p=1.9E-02 n=4 bg=0.09 bg=0.01 fg=0.05 p=1.9E-02 n=2fg=0.03 bg=0.00 p=3.1E-02n=10 fq = 0.14bq=0.07 p=3.5E-02 p=3.8E-02 fg=0.04 bg=0.01 n=10  $\mathbf{q} = 0.14$ bq=0.07 p=4.6E-02 bg=0.00 fg=0.01 p=4.6E-02bg=0.00 bg=0.00 n=1fa=0.01p=4.6E-02 p=4.6E-02 open rectifier potassium channel activit... GO:0005252 taste receptor binding GO:0031883 neurotrophin binding GO:0043121 testosterone 17-beta-dehydrogenase (NADP... GO:0047045 glutamate-ammonia ligase activity GO:0004356 D-xylose 1-dehydrogenase (NADP+) activit... GO:0047837 mono-olein transacylation activity GO:0051264 diolein transacylation activity GO:0051265 ABC-type sterol transporter activity GO:0034041 protein-membrane adaptor activity GO:0043495 C-acyltransferase activity GO:0016408 tricarboxylate secondary active transmem... GO:0005371 phospholipase D activator activity GO:1990583 steroid dehydrogenase activity GO:0016229 adenosine-phosphate deaminase activity GO:0047623 fg=0.01  $f_{\alpha} = 0.01$ bg=0.00 n=1bg=0.00 fg=0.01 n=4.6F-02fg=0.01 bg=0.00 n=1bğ=0.00 fg=0.01 n=1p=4.6F-02fq = 0.01n=1bg=0.00 p=4.6E bg=0.00 n=1p=4.6E-02fg = 0.01n=1bg=0.00 p=4.6E-02 fg=0.01 bg=0.00 n=1n=1 fg=0.01 bg=0.00 p=4.6E-02p=4.6E-02 fg=0.01 bg=0.00 n=1fg=0.01 bğ=0.00 p=4.6E-02n=1p=4.6E-02 fg=0.01 bg=0.00 n=1n=1 fg=0.01 p=4.6E-02 bg=0.00 adenosine–phosphate deaminase activity GO:010229
ammonia ligase activity GO:0016211
7S RNA binding GO:0008312
6-phosphofructo–2-kinase activity GO:0003873 p=4.6E-02 fg=0.01 bg=0.00 bg=0.00 n=1p=4.6E-02 p=4.6E-02 fg=0.01 fg=0.01 n=1 n=1bq = 0.00p=4.6E-02 fg=0.01 bg=0.00

2

0

1

GO:CC Ncol\_Nvec\_vc1.1\_XM\_001631543.3 fra

3

-log(p)
n=74/255 input genes with annotations

4

5

fraction genes in fg and expected valu

fraction

0.4

0.6

0.8

1.0

0.0

0.2

