A biological process

ontology: BP

GO:0007187: G-protein coupled receptor signaling pathway
GO:0007188: G-protein coupled receptor signaling pathway
GO:0007193: G-protein coupled receptor signaling pathway
potassium ion transport
second-messenger-mediated signaling
cyclic-nucleotide-mediated signaling
GO:0007200: G-protein coupled receptor signaling pathway
neuropeptide signaling pathway
cellular potassium ion transport
potassium ion transmembrane transport
regulation of cell morphogenesis
covalent chromatin modification
histone modification
protein dephosphorylation
adherens junction organization
dephosphorylation
regulation of GTPase activity
regulation of cell shape
organic acid catabolic process
carboxylic acid catabolic process
small molecule catabolic process
dendrite development
cell-substrate adhesion
coenzyme metabolic process
protein localization to nucleus
regulation of neuron projection development
peptidyl-serine phosphorylation

GeneRatio
○ 0.010
○ 0.015
○ 0.020
○ 0.025
○ 0.030

p.adjust
0.04
0.03
0.02
0.01

G (5258) E (12293) J (12619)

B molecular function

ontology: MF

G-protein coupled receptor activity
potassium channel activity
ion gated channel activity
voltage-gated potassium channel activity
G-protein coupled amine receptor activity
gated channel activity
voltage-gated ion channel activity
voltage-gated channel activity
voltage-gated cation channel activity
cation channel activity
protein serine/threonine kinase activity
GTPase regulator activity
nucleoside-triphosphatase regulator activity
GTPase activator activity
phosphoprotein phosphatase activity
protein C-terminus binding
enzyme activator activity
ubiquitin-protein transferase activity
ubiquitin-like protein ligase activity
ubiquitin-like protein transferase activity
Ras GTPase binding
helicase activity
coenzyme binding
ATPase activity
ATPase activity, coupled
actin binding

GeneRatio
○ 0.01
○ 0.02
○ 0.03

p.adjust
0.020
0.015
0.010
0.005

G (5236) E (12332) J (12654)

G: gene, E: exon, J: junction