KEGG Pathway: All

PI3K−Akt signaling pathway
Human papillomavirus infection
AMPK signaling pathway
Synaptic vesicle cycle
HIF−1 signaling pathway
Insulin signaling pathway
Longevity regulating pathway
Type II diabetes mellitus
cAMP signaling pathway
FoxO signaling pathway
Endocytosis
Cholinergic synapse
Oxytocin signaling pathway
Longevity regulating pathway − multiple species
Central carbon metabolism in cancer
Aldosterone synthesis and secretion
Long−term potentiation
Phosphatidylinositol signaling system
Regulation of actin cytoskeleton
Renal cell carcinoma
Glioma
Glucagon signaling pathway
Axon guidance
Bacterial invasion of epithelial cells

1:G−N+ (141)
3:G0N− (107)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.06
0.08
0.10
0.12

KEGG Pathway: GenesPlusPromoters

PI3K−Akt signaling pathway
Human papillomavirus infection
Focal adhesion
Thyroid hormone signaling pathway
AMPK signaling pathway
Synaptic vesicle cycle
HIF−1 signaling pathway
Insulin signaling pathway
Longevity regulating pathway
Type II diabetes mellitus
cAMP signaling pathway
FoxO signaling pathway
Endocytosis
Cholinergic synapse
Oxytocin signaling pathway
Longevity regulating pathway − multiple species
Central carbon metabolism in cancer
Aldosterone synthesis and secretion
Long−term potentiation
Phosphatidylinositol signaling system
Regulation of actin cytoskeleton
Renal cell carcinoma
Glioma
Glucagon signaling pathway
Axon guidance
Bacterial invasion of epithelial cells

1:G−N+ (123)
3:G0N− (107)
6:G−N0 (148)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.06
0.08
0.10
0.12

KEGG Pathway: Genes

PI3K−Akt signaling pathway
Human papillomavirus infection
Focal adhesion
AMPK signaling pathway
Synaptic vesicle cycle
HIF−1 signaling pathway
Insulin signaling pathway
Longevity regulating pathway
Type II diabetes mellitus
cAMP signaling pathway
FoxO signaling pathway
Endocytosis
Cholinergic synapse
Oxytocin signaling pathway
Longevity regulating pathway − multiple species
Central carbon metabolism in cancer
Aldosterone synthesis and secretion
Long−term potentiation
Phosphatidylinositol signaling system
Regulation of actin cytoskeleton
Renal cell carcinoma
Glioma
Glucagon signaling pathway
Axon guidance
Bacterial invasion of epithelial cells
mTOR signaling pathway

1:G−N+ (111)
3:G0N− (106)
6:G−N0 (144)

GeneRatio
0.050
0.075
0.100
0.125

p.adjust
0.04
0.03
0.02
0.01

KEGG Pathway: Promoters

Prion diseases
Ferroptosis
Epithelial cell signaling in Helicobacter pylori infection
Cell adhesion molecules (CAMs)
Steroid biosynthesis
Tuberculosis

3:G0N−
(1)
4:G+N0
(2)
5:G+N−
(2)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.5
0.6
0.7
0.8
0.9
1.0

Biological Process GO: All

regulation of cell morphogenesis
positive regulation of cell projection organization
inner ear development
axon guidance
neuron projection guidance
ear development
regulation of cytoskeleton organization
Wnt signaling pathway
cell−cell signaling by wnt
positive regulation of neuron projection development
tongue development
regulation of axon guidance
regulation of Wnt signaling pathway
positive regulation of neuron differentiation
positive regulation of neurogenesis
regulation of microtubule−based process
pattern specification process
negative regulation of axon guidance
regulation of microtubule cytoskeleton organization
homophilic cell adhesion via plasma membrane adhesion molecules
cell−cell adhesion via plasma−membrane adhesion molecules
modulation of chemical synaptic transmission
regulation of neuron projection development
synapse organization
synaptic vesicle cycle
synaptic vesicle exocytosis
regulation of neurotransmitter levels
regulation of synaptic plasticity
synaptic vesicle transport
establishment of synaptic vesicle localization
vesicle−mediated transport in synapse
calcium ion regulated exocytosis
establishment of vesicle localization
synaptic vesicle localization
neurotransmitter secretion
signal release from synapse
synaptic vesicle recycling
regulation of ion transmembrane transport
regulation of calcium ion−dependent exocytosis
vesicle localization
establishment of organelle localization
presynaptic process involved in chemical synaptic transmission
cellular potassium ion transport
potassium ion transmembrane transport
regulation of transmembrane transport
protein localization to synapse
neurotransmitter transport
peptidyl−threonine modification
axonogenesis
regulation of cell morphogenesis involved in differentiation
positive regulation of synaptic transmission
regulation of synaptic vesicle transport
regulation of regulated secretory pathway
regulation of synaptic vesicle cycle
axon development
potassium ion transport
peptidyl−threonine phosphorylation
positive regulation of excitatory postsynaptic potential
regulation of synaptic vesicle exocytosis
negative regulation of cell projection organization
regulation of axonogenesis
neural precursor cell proliferation
ensheathment of neurons
axon ensheathment
central nervous system myelination
axon ensheathment in central nervous system
myelination
positive regulation of cell morphogenesis involved in differentiation
Ras protein signal transduction
oligodendrocyte differentiation
oligodendrocyte development
glial cell development
actin filament organization
regulation of cellular component size
regulation of Ras protein signal transduction
adult locomotory behavior
dendrite development
glial cell differentiation
locomotory behavior
dendrite morphogenesis
regulation of small GTPase mediated signal transduction
gliogenesis
regulation of actin filament organization
regulation of actin cytoskeleton organization
adult behavior
negative regulation of kinase activity
regulation of supramolecular fiber organization
regulation of anatomical structure size
regulation of actin filament−based process
regulation of Rho protein signal transduction
regulation of GTPase activity
Rho protein signal transduction
regulation of protein polyubiquitination
establishment or maintenance of cell polarity
neuron recognition
positive regulation of cell development
regulation of actin filament length
forebrain development
negative regulation of phosphorylation
regulation of protein stability
pigment cell differentiation
cellular response to monoamine stimulus
cellular response to catecholamine stimulus
protein polymerization

1:G−N+ (338)
2:G0N+ (242)
3:G0N− (267)
4:G+N0 (81)
6:G−N0 (353)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.1
0.2

Biological Process GO: GenesPlusPromoters

positive regulation of cell projection organization
axon guidance
neuron projection guidance
inner ear development
regulation of cytoskeleton organization
tongue development
regulation of axon guidance
pattern specification process
axon development
positive regulation of neuron projection development
ear development
Wnt signaling pathway
axonogenesis
cell−cell signaling by wnt
negative regulation of axon guidance
ventricular system development
Rho protein signal transduction
homophilic cell adhesion via plasma membrane adhesion molecules
cell−cell adhesion via plasma−membrane adhesion molecules
modulation of chemical synaptic transmission
regulation of neuron projection development
synapse organization
synaptic vesicle cycle
synaptic vesicle exocytosis
regulation of neurotransmitter levels
regulation of synaptic plasticity
synaptic vesicle transport
establishment of synaptic vesicle localization
vesicle−mediated transport in synapse
calcium ion regulated exocytosis
establishment of vesicle localization
synaptic vesicle localization
neurotransmitter secretion
signal release from synapse
synaptic vesicle recycling
regulation of calcium ion−dependent exocytosis
vesicle localization
establishment of organelle localization
presynaptic process involved in chemical synaptic transmission
cellular potassium ion transport
potassium ion transmembrane transport
protein localization to synapse
neurotransmitter transport
peptidyl−threonine modification
regulation of ion transmembrane transport
regulation of cell morphogenesis involved in differentiation
positive regulation of synaptic transmission
regulation of synaptic vesicle transport
regulation of transmembrane transport
regulation of regulated secretory pathway
regulation of synaptic vesicle cycle
potassium ion transport
peptidyl−threonine phosphorylation
positive regulation of excitatory postsynaptic potential
regulation of synaptic vesicle exocytosis
negative regulation of cell projection organization
regulation of axonogenesis
neural precursor cell proliferation
regulation of cell morphogenesis
ensheathment of neurons
axon ensheathment
central nervous system myelination
axon ensheathment in central nervous system
myelination
positive regulation of cell morphogenesis involved in differentiation
actin filament organization
regulation of cellular component size
oligodendrocyte differentiation
oligodendrocyte development
Ras protein signal transduction
dendrite morphogenesis
glial cell development
regulation of actin filament organization
regulation of Ras protein signal transduction
dendrite development
regulation of actin cytoskeleton organization
glial cell differentiation
negative regulation of kinase activity
regulation of anatomical structure size
locomotory behavior
regulation of actin filament−based process
regulation of small GTPase mediated signal transduction
adult locomotory behavior
gliogenesis
regulation of GTPase activity
negative regulation of phosphorylation
regulation of protein polyubiquitination
regulation of supramolecular fiber organization
regulation of actin filament length
regulation of protein stability
protein polymerization
adult behavior
negative regulation of protein kinase activity
pigment cell differentiation
positive regulation of cell development
negative regulation of protein phosphorylation
positive regulation of cellular component biogenesis

2:G0N+ (200)
3:G0N− (265)
4:G+N0 (81)
6:G−N0 (334)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.1
0.2

Biological Process GO: Genes

Ras protein signal transduction
regulation of ERBB signaling pathway
dendrite morphogenesis
positive regulation of cell projection organization
positive regulation of neuron projection development
regulation of axon guidance
regulation of cytoskeleton organization
inner ear development
axon guidance
ventricular system development
neuron projection guidance
negative regulation of axon guidance
mesenchyme development
regulation of antigen receptor−mediated signaling pathway
ear development
positive regulation of neurogenesis
axon development
pattern specification process
regulation of hepatocyte proliferation
regulation of neuron projection development
homophilic cell adhesion via plasma membrane adhesion molecules
cell−cell adhesion via plasma−membrane adhesion molecules
modulation of chemical synaptic transmission
synapse organization
synaptic vesicle cycle
regulation of neurotransmitter levels
synaptic vesicle exocytosis
synaptic vesicle transport
establishment of synaptic vesicle localization
vesicle−mediated transport in synapse
calcium ion regulated exocytosis
establishment of vesicle localization
synaptic vesicle localization
neurotransmitter secretion
signal release from synapse
synaptic vesicle recycling
vesicle localization
regulation of calcium ion−dependent exocytosis
establishment of organelle localization
presynaptic process involved in chemical synaptic transmission
protein localization to synapse
axonogenesis
neurotransmitter transport
peptidyl−threonine modification
regulation of synaptic plasticity
regulation of cell morphogenesis involved in differentiation
regulation of synaptic vesicle transport
regulation of regulated secretory pathway
cellular potassium ion transport
potassium ion transmembrane transport
regulation of synaptic vesicle cycle
peptidyl−threonine phosphorylation
positive regulation of excitatory postsynaptic potential
regulation of ion transmembrane transport
regulation of synaptic vesicle exocytosis
regulation of axonogenesis
regulation of transmembrane transport
neural precursor cell proliferation
regulation of cell morphogenesis
ensheathment of neurons
axon ensheathment
central nervous system myelination
axon ensheathment in central nervous system
myelination
positive regulation of cell morphogenesis involved in differentiation
oligodendrocyte differentiation
oligodendrocyte development
actin filament organization
regulation of cellular component size
glial cell development
glial cell differentiation
gliogenesis
regulation of actin filament organization
regulation of actin cytoskeleton organization
dendrite development
negative regulation of kinase activity
regulation of actin filament−based process
locomotory behavior
positive regulation of cell development
pigment cell differentiation
regulation of anatomical structure size
negative regulation of phosphorylation

1:G−N+ (270)
2:G0N+ (173)
3:G0N− (262)
4:G+N0 (77)
6:G−N0 (322)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.1
0.2

Biological Process GO: Promoters

hair follicle development
post−anal tail morphogenesis
molting cycle process
hair cycle process
skin epidermis development
protein homooligomerization
regulation of chloride transport
negative regulation of activated T cell proliferation
negative regulation of interleukin−17 production
cellular copper ion homeostasis
cellular response to copper ion
calcium ion import across plasma membrane
calcium ion import into cytosol
copper ion homeostasis
regulation of amyloid−beta formation
regulation of calcineurin−NFAT signaling cascade
dendritic spine maintenance
regulation of calcineurin−mediated signaling
negative regulation of T cell receptor signaling pathway
negative regulation of interleukin−2 production
amyloid−beta formation
calcium−mediated signaling using intracellular calcium source
negative regulation of calcium−mediated signaling
regulation of amyloid precursor protein catabolic process
negative regulation of antigen receptor−mediated signaling pathway
regulation of interleukin−17 production
cellular response to amyloid−beta
calcineurin−NFAT signaling cascade
interleukin−17 production
response to copper ion
response to amyloid−beta
positive regulation of protein targeting to membrane
calcineurin−mediated signaling
amyloid precursor protein catabolic process
regulation of long−term synaptic potentiation
negative regulation of interferon−gamma production
amyloid−beta metabolic process
long−term memory
regulation of protein targeting to membrane
regulation of calcium ion import
inositol phosphate−mediated signaling
regulation of T cell receptor signaling pathway
cellular component maintenance
regulation of anion transmembrane transport
negative regulation of protein processing
negative regulation of protein maturation
protein destabilization
amyloid precursor protein metabolic process
regulation of activated T cell proliferation
positive regulation of protein tyrosine kinase activity
inorganic cation import across plasma membrane
inorganic ion import across plasma membrane
male meiotic nuclear division
activated T cell proliferation
positive regulation of protein localization to plasma membrane
positive regulation of neuron apoptotic process
regulation of interleukin−2 production
regulation of antigen receptor−mediated signaling pathway
positive regulation of protein localization to cell periphery
negative regulation of T cell proliferation
response to cadmium ion
import across plasma membrane
interleukin−2 production
long−term synaptic potentiation
calcium ion import
negative regulation of mononuclear cell proliferation
cellular response to drug
negative regulation of lymphocyte proliferation
dendritic spine organization
neuron projection organization
negative regulation of leukocyte proliferation
tRNA modification
protein homotetramerization
regulation of protein tyrosine kinase activity
positive regulation of neuron death
regulation of protein localization to plasma membrane
regulation of calcium−mediated signaling
regulation of potassium ion transmembrane transport
regulation of protein localization to cell periphery
regulation of interferon−gamma production
regulation of calcium ion transport into cytosol
regulation of potassium ion transport
negative regulation of T cell activation
interferon−gamma production
cellular transition metal ion homeostasis
memory
regulation of anion transport
chloride transport
negative regulation of leukocyte cell−cell adhesion
positive regulation of protein localization to membrane
tRNA processing
calcium ion transmembrane import into cytosol
transition metal ion homeostasis
inorganic anion transmembrane transport
learning or memory
cognition
neuronal ion channel clustering
axonogenesis
axon development
axonal fasciculation
neuron projection fasciculation
retinal ganglion cell axon guidance
regulation of myoblast proliferation
myoblast proliferation
positive regulation of interferon−gamma biosynthetic process
regulation of interferon−gamma biosynthetic process
interferon−gamma biosynthetic process
regulation of cholesterol biosynthetic process
positive regulation of DNA repair
regulation of cholesterol metabolic process
positive regulation of DNA binding
natural killer cell mediated cytotoxicity
positive regulation of cytokine biosynthetic process
natural killer cell mediated immunity
positive regulation of interferon−gamma production
regulation of alcohol biosynthetic process
cholesterol biosynthetic process
secondary alcohol biosynthetic process
sterol biosynthetic process
positive regulation of response to DNA damage stimulus
regulation of steroid biosynthetic process
leukocyte mediated cytotoxicity
regulation of DNA repair
regulation of cytokine biosynthetic process
erythrocyte differentiation
regulation of steroid metabolic process
cytokine biosynthetic process
erythrocyte homeostasis
cytokine metabolic process
regulation of DNA binding
B cell differentiation
alcohol biosynthetic process
liver development
myeloid cell homeostasis
cholesterol metabolic process
hepaticobiliary system development
cell killing
secondary alcohol metabolic process
negative regulation of DNA binding transcription factor activity
sterol metabolic process
regulation of lipid biosynthetic process
positive regulation of binding
regulation of response to DNA damage stimulus
steroid biosynthetic process

2:G0N+ (28)
3:G0N− (3)
4:G+N0 (4)
5:G+N− (3)

GeneRatio
0.2
0.4
0.6

p.adjust
0.045
0.040
0.035

Molecular Function GO: All

molecular adaptor activity
protein binding, bridging
phosphatidylinositol−3,5−bisphosphate binding
voltage−gated cation channel activity
voltage−gated ion channel activity
voltage−gated channel activity
voltage−gated potassium channel activity
p53 binding
gated channel activity
metal ion transmembrane transporter activity
potassium channel activity
cation channel activity
potassium ion transmembrane transporter activity
protein serine/threonine kinase activity
ion channel activity
acylglycerol lipase activity
substrate−specific channel activity
GTPase activity
cadherin binding
channel activity
passive transmembrane transporter activity
magnesium ion binding
protein phosphatase regulator activity
lamin binding
protein serine/threonine kinase inhibitor activity
monovalent inorganic cation transmembrane transporter activity
GTP binding
purine ribonucleoside binding
purine nucleoside binding
ribonucleoside binding
cell adhesion molecule binding
ankyrin binding
structural constituent of myelin sheath
actin binding

1:G−N+ (336)
3:G0N− (269)
5:G+N− (131)
6:G−N0 (352)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.02
0.04
0.06
0.08

Molecular Function GO: GenesPlusPromoters

molecular adaptor activity
protein binding, bridging
guanyl−nucleotide exchange factor activity
frizzled binding
voltage−gated cation channel activity
voltage−gated ion channel activity
voltage−gated channel activity
voltage−gated potassium channel activity
p53 binding
potassium channel activity
gated channel activity
metal ion transmembrane transporter activity
potassium ion transmembrane transporter activity
protein serine/threonine kinase activity
cation channel activity
acylglycerol lipase activity
GTPase activity
cadherin binding
ion channel activity
magnesium ion binding
substrate−specific channel activity
protein phosphatase regulator activity
lamin binding
protein serine/threonine kinase inhibitor activity
monovalent inorganic cation transmembrane transporter activity
GTP binding
purine ribonucleoside binding
purine nucleoside binding
ribonucleoside binding
cell adhesion molecule binding
channel activity
passive transmembrane transporter activity
nucleoside binding
structural constituent of myelin sheath
actin binding

1:G−N+ (297)
2:G0N+ (210)
3:G0N− (267)
6:G−N0 (332)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.02
0.03
0.04
0.05
0.06
0.07

Molecular Function GO: Genes

molecular adaptor activity
protein binding, bridging
guanyl−nucleotide exchange factor activity
structural constituent of myelin sheath
phosphatidylinositol−3,5−bisphosphate binding
clathrin adaptor activity
endocytic adaptor activity
voltage−gated cation channel activity
voltage−gated ion channel activity
voltage−gated channel activity
voltage−gated potassium channel activity
p53 binding
potassium channel activity
gated channel activity
metal ion transmembrane transporter activity
potassium ion transmembrane transporter activity
protein serine/threonine kinase activity
cation channel activity
acylglycerol lipase activity
GTPase activity
cadherin binding
ion channel activity
substrate−specific channel activity
protein phosphatase regulator activity
protein serine/threonine kinase inhibitor activity
monovalent inorganic cation transmembrane transporter activity
ankyrin binding
actin binding

1:G−N+ (268)
3:G0N− (264)
5:G+N− (115)
6:G−N0 (320)

GeneRatio
0.02
0.03
0.04
0.05
0.06
0.07

p.adjust
0.04
0.03
0.02
0.01

Molecular Function GO: Promoters

dipeptidyl−peptidase activity
lamin binding
dipeptidase activity
glutamate receptor binding
aminopeptidase activity
tRNA binding
copper ion binding
amyloid−beta binding
metalloexopeptidase activity
chaperone binding
exopeptidase activity
ion channel binding
protease binding
nucleotidyltransferase activity
protein binding involved in heterotypic cell−cell adhesion
transmembrane receptor protein tyrosine phosphatase activity
transmembrane receptor protein phosphatase activity
ankyrin binding
cell−cell adhesion mediator activity
cell adhesion mediator activity
DNA binding, bending
Rac guanyl−nucleotide exchange factor activity
Rac GTPase binding
Rho guanyl−nucleotide exchange factor activity

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.15
0.20
0.25
0.30

3:G0N−
(3)
4:G+N0
(4)
5:G+N−
(4)
6:G−N0
(14)

Cellular Compartment GO: All

synaptic membrane
postsynaptic density
postsynaptic specialization
asymmetric synapse
neuron to neuron synapse
voltage−gated potassium channel complex
dendrite
potassium channel complex
axon part
axon
presynapse
postsynapse
cation channel complex
neuronal cell body
postsynaptic membrane
ion channel complex
main axon
cell body
transmembrane transporter complex
transporter complex
synaptic vesicle
neuron projection terminus
exocytic vesicle
presynaptic membrane
neuronal cell body membrane
cell body membrane
perikaryon
axon terminus
site of polarized growth
excitatory synapse
myelin sheath
anchored component of external side of plasma membrane
synaptic vesicle membrane
exocytic vesicle membrane
growth cone
terminal bouton
anchored component of membrane
intrinsic component of external side of plasma membrane
transport vesicle
intrinsic component of synaptic vesicle membrane
axon initial segment
sarcolemma
actin−based cell projection
clathrin−coated pit
trans−Golgi network
basal plasma membrane
basal part of cell
recycling endosome
filopodium
dendritic shaft
cell leading edge
cytoplasmic region
cell cortex
trans−Golgi network membrane
dendritic spine
membrane region
neuron spine
recycling endosome membrane
compact myelin

3:G0N−
(286)
5:G+N−
(136)
6:G−N0
(369)

GeneRatio
0.025
0.050
0.075
0.100

p.adjust
0.04
0.03
0.02
0.01

Cellular Compartment GO: GenesPlusPromoters

collagen trimer
occluding junction
cell cortex
cell−cell junction
synaptic membrane
postsynaptic density
postsynaptic specialization
asymmetric synapse
neuron to neuron synapse
voltage−gated potassium channel complex
dendrite
potassium channel complex
axon
axon part
presynapse
postsynapse
cation channel complex
neuronal cell body
postsynaptic membrane
ion channel complex
main axon
cell body
transmembrane transporter complex
transporter complex
synaptic vesicle
neuron projection terminus
exocytic vesicle
presynaptic membrane
neuronal cell body membrane
cell body membrane
perikaryon
axon terminus
site of polarized growth
excitatory synapse
myelin sheath
anchored component of external side of plasma membrane
synaptic vesicle membrane
exocytic vesicle membrane
growth cone
terminal bouton
anchored component of membrane
intrinsic component of external side of plasma membrane
transport vesicle
intrinsic component of synaptic vesicle membrane
axon initial segment
sarcolemma
dendritic spine
neuron spine
basolateral plasma membrane
paranode region of axon
actin−based cell projection
basal plasma membrane
basal part of cell
recycling endosome
clathrin−coated pit
trans−Golgi network
cytoplasmic region

1:G−N+ (318)
3:G0N− (284)
5:G+N− (123)
6:G−N0 (347)

GeneRatio
0.03
0.06
0.09

p.adjust
0.04
0.03
0.02
0.01

Cellular Compartment GO: Genes

collagen trimer
cell−cell junction
occluding junction
cell leading edge
synaptic membrane
voltage−gated potassium channel complex
postsynaptic density
postsynaptic specialization
potassium channel complex
asymmetric synapse
neuron to neuron synapse
dendrite
axon
axon part
presynapse
cation channel complex
postsynapse
neuronal cell body
postsynaptic membrane
ion channel complex
main axon
cell body
transmembrane transporter complex
transporter complex
synaptic vesicle
neuron projection terminus
exocytic vesicle
presynaptic membrane
neuronal cell body membrane
cell body membrane
perikaryon
axon terminus
site of polarized growth
excitatory synapse
myelin sheath
synaptic vesicle membrane
exocytic vesicle membrane
growth cone
terminal bouton
transport vesicle
intrinsic component of synaptic vesicle membrane
axon initial segment
sarcolemma
dendritic spine
neuron spine
basolateral plasma membrane
paranode region of axon
recycling endosome
basal plasma membrane
actin−based cell projection
basal part of cell
trans−Golgi network
clathrin−coated pit
cytoplasmic region
cell cortex
recycling endosome membrane
membrane region
actin cytoskeleton
filopodium
compact myelin

1:G−N+ (290)
2:G0N+ (185)
3:G0N− (281)
5:G+N− (119)
6:G−N0 (334)

GeneRatio
0.03
0.06
0.09

p.adjust
0.04
0.03
0.02
0.01

Cellular Compartment GO: Promoters

anchored component of membrane

anchored component of external side of plasma membrane

intrinsic component of external side of plasma membrane

anchored component of plasma membrane

axon initial segment

3:G0N−
(3)

4:G+N0
(4)

GeneRatio
0.3
0.4
0.5
0.6

p.adjust
0.03
0.02
0.01