Biological Process Enrichment: Cell type

cell cycle checkpoint
DNA integrity checkpoint
DNA damage checkpoint
cilium assembly
cilium organization
negative regulation of mitotic cell cycle
tRNA metabolic process
regulation of mitotic cell cycle phase transition
response to ionizing radiation
cell−cell signaling by wnt
membrane docking
organelle localization by membrane tethering
microtubule cytoskeleton organization
establishment of organelle localization
establishment of vesicle localization
modulation of chemical synaptic transmission
regulation of synaptic plasticity
exocytic process
peptidyl−threonine phosphorylation
regulation of synaptic vesicle transport
synaptic vesicle cycle
regulation of synaptic vesicle cycle
peptidyl−threonine modification
synaptic transmission, glutamatergic
synaptic vesicle transport
synapse organization
homophilic cell adhesion via plasma membrane adhesion molecules
gliogenesis
cell−cell adhesion via plasma−membrane adhesion molecules
glial cell differentiation
astrocyte differentiation
forebrain development
oligodendrocyte differentiation
skeletal system development
negative regulation of nervous system development
pattern specification process
regulation of ion transmembrane transport
regulation of membrane potential
regulation of transmembrane transport
axonogenesis
axon development
regulation of postsynaptic membrane potential
glutamate receptor signaling pathway

PnotN (6893)
NnotP (100)
PnotG (7321)
GnotN (364)
NnotG (870)

GeneRatio
0.03
0.06
0.09
0.12

p.adjust
0.03
0.02
0.01

Biological Process Enrichment: Neuronal Development

cardiac chamber morphogenesis
cardiac chamber development
heart morphogenesis
cerebellum development
metencephalon development
embryonic organ development
cardiac septum morphogenesis
reproductive structure development
reproductive system development
labyrinthine layer development
hindbrain development
cell fate commitment
neural crest cell migration
mesenchymal cell development
telencephalon development
regulation of ion transmembrane transport
regulation of transmembrane transport
potassium ion transport
cellular potassium ion transport
potassium ion transmembrane transport
modulation of chemical synaptic transmission
regulation of synaptic vesicle transport
regulation of synaptic vesicle cycle
signal release
glutamate secretion
regulation of neurotransmitter secretion
calcium ion transport into cytosol
calcium ion transmembrane import into cytosol
regulation of synaptic plasticity
regulation of cell morphogenesis
Wnt signaling pathway
cell−cell signaling by wnt
cell fate specification
regionalization
canonical Wnt signaling pathway
positive regulation of nervous system development
positive regulation of neurogenesis
pattern specification process
positive regulation of cell development
positive regulation of neuron differentiation
forebrain development
regulation of ion homeostasis
regulation of neuron projection development
synapse organization
positive regulation of cell projection organization
positive regulation of neuron projection development
anterior/posterior pattern specification

InotC (211)
CnotI (350)
InotT (210)
TnotI (371)
InotA (202)
AnotI (421)
CnotT (170)
AnotC (242)

p.adjust
0.04
0.03
0.02
0.01

GeneRatio
0.02
0.04
0.06
0.08
0.10

Biological Process Enrichment: Glial Development

regulation of neuron projection development
regulation of cyclin−dependent protein kinase activity
regulation of protein serine/threonine kinase activity
negative regulation of locomotion
regulation of protein depolymerization
positive regulation of GTPase activity
regulation of GTPase activity
regulation of protein complex disassembly
regulation of cell morphogenesis involved in differentiation
negative regulation of cellular component movement
negative regulation of nervous system development
regulation of endocytosis
negative regulation of neurogenesis
negative regulation of cell development
embryonic pattern specification
central nervous system neuron differentiation
forebrain development
ganglion development
autonomic nervous system development
cerebral cortex development
pattern specification process
neural precursor cell proliferation
forebrain generation of neurons
forebrain neuron differentiation
regulation of neural precursor cell proliferation
cell fate commitment
axon development
regionalization
telencephalon development
cell fate specification
positive regulation of nervous system development
dendrite morphogenesis
histone modification
negative regulation of neuron differentiation
positive regulation of neurogenesis
neuroblast proliferation
cell−cell adhesion via plasma−membrane adhesion molecules
dendrite development
regulation of timing of cell differentiation
homophilic cell adhesion via plasma membrane adhesion molecules
glial cell differentiation
astrocyte differentiation
positive regulation of neuroblast proliferation
receptor metabolic process
receptor internalization
relaxation of cardiac muscle
amyloid precursor protein metabolic process
regulation of receptor−mediated endocytosis
neuron projection organization
dendritic spine development
dendritic spine organization
regulation of dendrite morphogenesis
positive regulation of p38MAPK cascade
clathrin−dependent endocytosis

CnotI (314)
InotT (351)
InotA (243)
AnotI (330)
CnotT (403)
CnotA (226)
AnotC (161)
TnotA (106)
AnotT (384)

GeneRatio
0.05
0.10
0.15

p.adjust
0.04
0.03
0.02
0.01