
KEGG Pathway Enrichment
HTLV−I infection
Osteoclast differentiation
MAPK signaling pathway
Hepatitis B
Colorectal cancer
IL−17 signaling pathway
TNF signaling pathway
Relaxin signaling pathway
Estrogen signaling pathway
Amphetamine addiction
Wnt signaling pathway
TGF−beta signaling pathway
Kaposi's sarcoma−associated herpesvirus infection
Transcriptional misregulation in cancer
Circadian rhythm
Th17 cell differentiation
Inflammatory bowel disease (IBD)
Pancreatic cancer
FoxO signaling pathway
mRNA surveillance pathway
Cellular senescence
Legionellosis
NF−kappa B signaling pathway
Prion diseases
Hepatocellular carcinoma
AGE−RAGE signaling pathway in diabetic complications
Cell cycle
Apelin signaling pathway
Signaling pathways regulating pluripotency of stem cells
Renal cell carcinoma
Gastric cancer
Adherens junction
Cushing's syndrome
Chronic myeloid leukemia
Acute myeloid leukemia
Epstein−Barr virus infection
all
(29)
1:G−N+
(44)
2:G0N+
(6)
3:G0N−
(31)
5:G+N−
(1)
p.adjust
0.04
0.03
0.02
0.01
GeneRatio
0.25
0.50
0.75
1.00


MF Pathway Enrichment
transcription factor activity, RNA polymerase II core promoter proximal region sequence−specific binding
RNA polymerase II core promoter proximal region sequence−specific DNA binding
core promoter proximal region sequence−specific DNA binding
core promoter proximal region DNA binding
transcriptional activator activity, RNA polymerase II transcription regulatory region sequence−specific binding
transcriptional activator activity, RNA polymerase II core promoter proximal region sequence−specific binding
protein heterodimerization activity
transcription factor activity, RNA polymerase II distal enhancer sequence−specific binding
transcriptional repressor activity, RNA polymerase II transcription regulatory region sequence−specific binding
enhancer binding
E−box binding
core promoter binding
bHLH transcription factor binding
activating transcription factor binding
transcriptional repressor activity, RNA polymerase II core promoter proximal region sequence−specific binding
RNA polymerase II activating transcription factor binding
cAMP response element binding
enhancer sequence−specific DNA binding
chromatin DNA binding
RNA polymerase II transcription factor binding
transcriptional activator activity, RNA polymerase II transcription factor binding
transcription coactivator activity
R−SMAD binding
transcription corepressor activity
RNA polymerase II distal enhancer sequence−specific DNA binding
SMAD binding
core promoter sequence−specific DNA binding
co−SMAD binding
transcription factor activity, RNA polymerase II transcription factor binding
transcription factor activity, RNA polymerase II core promoter sequence−specific
heat shock protein binding
histone deacetylase binding
transcription cofactor binding
RNA polymerase II core promoter sequence−specific DNA binding
peroxisome proliferator activated receptor binding
single−stranded DNA binding
pre−mRNA binding
p53 binding
HMG box domain binding
nuclear hormone receptor binding
repressing transcription factor binding
hormone receptor binding
RNA polymerase II transcription coactivator activity
glucocorticoid receptor binding
C2H2 zinc finger domain binding
retinoid X receptor binding
protein N−terminus binding
histone acetyltransferase binding
transforming growth factor beta receptor, cytoplasmic mediator activity
carboxy−lyase activity
I−SMAD binding
carbon−carbon lyase activity
ubiquitin protein ligase binding
ubiquitin−like protein ligase binding
Hsp90 protein binding
promoter−specific chromatin binding
signal transducer activity, downstream of receptor
nuclear receptor activity
transforming growth factor beta receptor binding
transcription factor activity, direct ligand regulated sequence−specific DNA binding
transcriptional activator activity, RNA polymerase II distal enhancer sequence−specific binding
transcription corepressor binding
transcription coactivator binding
nucleosomal DNA binding
sterol binding
steroid hormone receptor activity
nucleosome binding
beta−catenin binding
steroid binding
structural constituent of ribosome
all
(56)
1:G−N+
(117)
2:G0N+
(9)
3:G0N−
(53)
5:G+N−
(1)
6:G−N0
(4)
p.adjust
0.04
0.03
0.02
0.01
GeneRatio
0.25
0.50
0.75
1.00


CC Pathway Enrichment
transcription factor complex
RNA polymerase II transcription factor complex
nuclear transcription factor complex
nuclear chromatin
protein−DNA complex
histone methyltransferase complex
U2 snRNP
transcriptional repressor complex
methyltransferase complex
nuclear euchromatin
euchromatin
MLL1/2 complex
MLL1 complex
spliceosomal complex
nuclear heterochromatin
organellar large ribosomal subunit
mitochondrial large ribosomal subunit
heterochromatin
organellar ribosome
mitochondrial ribosome
nucleosome
DNA packaging complex
large ribosomal subunit
all
(55)
1:G−N+
(118)
3:G0N−
(53)
5:G+N−
(1)
6:G−N0
(4)
p.adjust
0.04
0.03
0.02
0.01
GeneRatio
0.25
0.50
0.75
1.00


Disease Ontology Enrichment
autosomal dominant disease
retinoblastoma
retinal cell cancer
hereditary breast ovarian cancer
retinal cancer
sensory system cancer
ocular cancer
autonomic nervous system neoplasm
neuroblastoma
hepatitis B
peripheral nervous system neoplasm
telangiectasis
progressive multifocal leukoencephalopathy
1:G−N+
(61)
3:G0N−
(37)
5:G+N−
(1)
p.adjust
0.030
0.025
0.020
0.015
0.010
GeneRatio
0.25
0.50
0.75
1.00


Biological Process GO
all
(55)
1:G−N+
(114)
3:GON−
(53)
5:G+N−
(1)
6:G−N0
(4)
p.adjust
0.04
0.03
0.02
0.01
GeneRatio
0.25
0.50
0.75
1.00