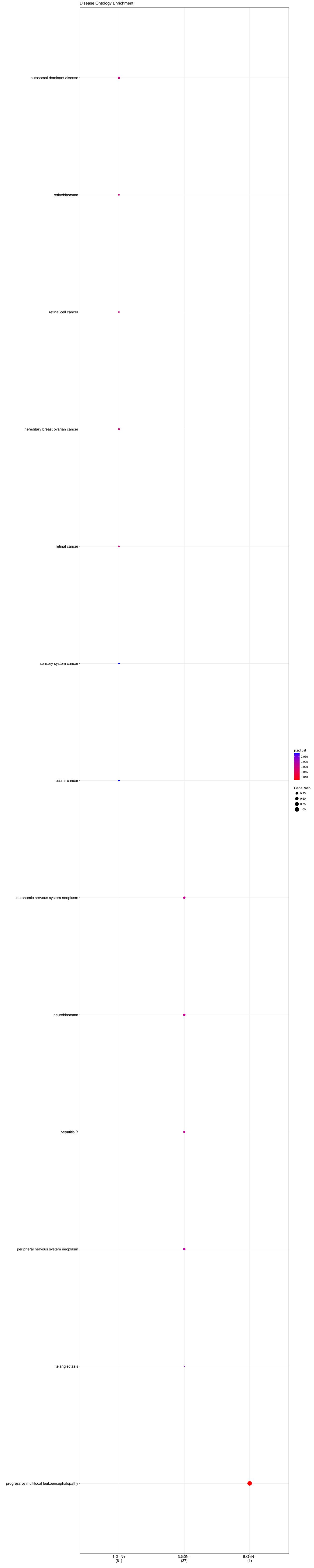
	KEGG Path	way Enrichment					
HTLV-I infection -							
Osteoclast differentiation -							
MAPK signaling pathway -							
Hepatitis B							
Colorectal cancer-							
IL-17 signaling pathway							
TNF signaling pathway							
Relaxin signaling pathway							
Estrogen signaling pathway-							
Amphetamine 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) -							
							p.adjust
Pancreatic cancer-							0.04 0.03 0.02 0.01
FoxO signaling pathway-							GeneRatio0.250.500.751.00
mRNA surveillance pathway-							
Cellular senescence -							
Legionellosis -							
NF-kappa B signaling pathway-							
Prion diseases							
L longto collulor, correiro ma							
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 1:G 29) (4	-N+ 2:G 4) (60N+ 3:G 6) (3	ON- 5:G	+N- 1)	
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	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 ·							p.adjust
MLL1/2 complex							0.04 0.03 0.02 0.01 GeneRatio 0.25 0.50
MLL1 complex							0.751.00
spliceosomal complex							
nuclear heterochromatin							
organellar large ribosomal subunit							
mitochondrial large ribosomal subunit							
heterochromatin ·							
organellar ribosome							
mitochondrial ribosome							
nucleosome -							
DNA packaging complex							
Packaging complex*							
large ribosomal subunit							
	(5	1:G 5) (1	-N+ 3:G 18) (5	0N- 5:G 53) (+N- 6:G 1) (4	-N0 4)	



cellular response to extracellular stimulus pri—miRNA transcription from RNA polymerase II promoter cellular response to external stimulus response to external stimulus response to cada?

Fesponse to cAMP rivithmic process positive regulation of transcription from RNA polymerase II promoter involved in cellular response to chemical stimulus regulation of pri—miRNA transcription from RNA polymerase in untirent levels regulation of pri—miRNA transcription from RNA polymerase in untirent levels response to nutirent levels response to prime transcription from RNA polymerase in untirent levels response to prime-containing compound gland development response to granophosphorus response to prime-containing compound gland development response to inorganic substance response to inorganic substance response to inorganic substance response to selevol formone positive regulation of pri—miRNA transcription from RNA polymerase II promoter nedocrine system development positive regulation of leukocyte differentiation positive regulation of leukocyte differentiation positive regulation of DNA—femplated transcription, initiation regulation of leukocyte differentiation regulation of leukocyte differentiation regulation of leukocyte differentiation regulation of positive regulation of prometrial positive regulation of protein deacetylation cellular response to a untirent response to prometrial pos **Biological Process GO** Cellurar response to peptide hormone response to peptide hormone lactation myeloid leukocyte differentiation columnar/cuboidal epithelial cell differentiation response to light stimulus negative regulation of protein phosphorylation. ER-nucleus signaling pathway response to topologically incorrect protein response to oxidative stress endocrine pancreas development response to oxidative stress endocrine pancreas development response to progesterone regulation of myeloid leukocyte differentiation response to gravity ATF6-mediated unfolded protein response to gravity ATF6-mediated unfolded protein response mesenchymal cell proliferation neuron death histone modification in provided in the provided protein response to mechanical stimulus response to mechanical stimulus response to mechanical stimulus response to mechanical stimulus response to reduction of the provided response to provided response to reduction of the provided response to reduction of the provided response to reduction of the provided response to petided response to reduction of the provided response response to reduction of the provided response response to reduction of the provided response response to reduction of regulation of histone modification regulation of histone modification regulation of response to unfolded protein response to unfolded pro cellular response to unfolded protein glucocorticoid receptor signaling pathway striated muscle tissue development regulation of epithelial cell differentiation regulation of lipid biosynthetic process positive regulation of response to wounding positive regulation by host of viral transcription response to glucocorticoid gliogenesis positive regulation by host of viral transcription fesponse to glucocritical gliogenesis regulation of apoptotic signaling pathway osteoblast development positive regulation of histone deacetylation corticosteroid receptor signaling pathway positive regulation of transforming growth factor beta production cellular response to steroid hormone stimulus muscle tissue development skeletal muscle cell differentiation regulation of monocyte differentiation response to corticosterone positive regulation of cysteine—type endopeptidase activity involved in apoptotic signaling pathway cellular response to reactive oxygen species skeletal muscle tissue development regulation of chromatin organization type B pancreatic cell development regulation of chromatin organization type B pancreatic cell development response to muscle stretch response to corticosteroid response to endoplasmic reticulum stress regulation of intracellular steroid hormone receptor signaling pathway skeletal muscle organ development regulation of response to wounding cellular response to wounding cellular response to wounding cellular response to voidative stress regulation of epidermis development positive regulation of epidermis development response to muscle organic development response to regulation deacetylation for protein deacetylation transforming growth factor beta receptor signaling althway respiratory tube development unique development response to widative stress regulation of protein deacetylation transforming growth factor beta receptor signaling althway respiratory tube development with the protein deacetylation of protei positive regulation of protein deacetylation of transforming growth factor beta receptor signaling pathway respiratory tube development aging yiral transcription aging yiral transcription of cysteine—type endopeptidase activity involved in apoptotic signaling pathway histone deacetylation positive regulation of myeloid cell differentiation regulation of chromosome organization glandular epithelial cell development in egative regulation of viral transcription positive regulation of transcription from RNA polymerase. Il promoter in response to stress positive regulation of stepoclast differentiation cellular response to peptide hormone stimulus of the profiter of the profiter attention o mononuclear cell differentiation protein deacylation macromolecule deacylation macromolecule deacylation multi-multicellular organism process triglyceride biosynthetic process cellular response to transforming growth factor beta stimulus regulation of DNA binding regulation of transcription from RNA polymerase II promoter in response to stress regulation of lipid metabolic process response to transforming growth factor beta epithelial cell proliferation neutral lipid biosynthetic process acylglycerol biosynthetic process acylglycerol biosynthetic process forebrain development regulation of erythrocyte differentiation developmental maturation positive regulation of erythrocyte differentiation definitive hemopoiesis central nervous system neuron differentiation embryonic hemopoiesis negative regulation of transcription regulatory region DNA binding empryonic nemiopolesis negative regulation of transcription regulatory region DNA binding regulation of mesenchymal cell apoptotic process cell fate commitment regulation of RNA splicing stem cell differentiation mesenchymal cell apoptotic process cell maturation regionalization regionalization cell rate commitment
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mesenchymal cell apoptotic process
cell maturation
regionalization
pattern specification process
cell maturation
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regulation of regulation regulation regulation regulation of regulation regu p.adjust 0.04 0.03 0.02 0.01 GeneRatio 0.25 0.50 0.75 1.00 negative regulation of mesenchymal cell apoptotic process regulation of ATP biosynthetic process regulation of ATP biosynthetic process epithelial to mesenchymal transition endocardial cushion development response to ether radial glial cell differentiation negative regulation of pri-miRNA transcription from RNA polymerase II promoter negative regulation of pri-miRNA transcription from RNA polymerase II promoter cell fate determination and evelopment hindbrain development regulation of cell cycle phase transition negative regulation of apoptotic signaling pathway persons by the property of the process of the cell fate determination cardiac left ventricle morphogenesis regulation of vascular endothelial growth factor receptor of spating pathway positive regulation of vascular endothelial growth factor receptor of spating pathway endothed in the property of the pr regulation of vascular endothelial growth factor production positive regulation of histone methylation.

negative regulation of Notch signaling pathway regulation of extracellular matrix organization cellular response to exposition stimulus negative regulation of transmembrane receptor protein serine/threonine kinase signaling pathway heart trabecula morphogenesis regulation of endothelial cell proliteration vascular endothelial growth factor production acrta morphogenesis embryonic axis specification response to xenobiotic stimulus response to xenobiotic stimulus response to xenobiotic stimulus response to xenobiotic stimulus response to teneducine development positive regulation of interleukin—1 beta production endothelium development positive regulation of histone secretion peptidyl—lysine modification lung epithelium development activin receptor signaling pathway anatomical structure regression regulation of MHC class Il biosynthetic process regulation of histone Acetylation MHC class Il biosynthetic process regulation of histone Acetylation MHC class Il biosynthetic process regulation of histone Acetylation megative regulation of histone acetylation negative regulation of protein acetylation negative regulation of protein acetylation negative regulation of protein acetylation apoptotic process involved in development apoptotic process involved in development negative regulation of histone modification dendritic cell differentiation negative regulation of histone modification of peptidyl—lysine acetylation of histone development megative regulation of rotein acetylation DNA methylation DNA methylation of potein acetylation of negative regulation of chromosome organization response to ethanol negative regulation of gene expression, epigenetic histone acetylation internal peptidyl-lysine acetylation internal protein amino acid acetylation peptidyl-lysine acetylation protein acetylation peptidyi—rysine acetylation protein acetylation protein acetylation hematopoietic progenitor cell differentiation response to alcohol protein acylation macromolecule methylation negative regulation of organelle organization macromolecule methylation negative regulation of organelle organization methylation regulation of DNA metabolic process regulation of homeostatic process regulation of gene expression, epigenetic cell proliferation in external granule layer cerebellar granule cell precursor proliferation cell proliferation in hindbrain cerebellar Purkinje cell layer morphogenesis regulation of cholesterol homeostasis cellular response to sterol regulation of transcription involved in cell fate commitment cell differentiation in hindbrain positive regulation of circadian rhythm carebellar cortex formation T-helper 17 type immune response response to sterol cerebellar Purkinje cell layer development T-helper 17 type immune response to sterol cerebellar cortex morphogenesis acylqlycerol homeostasis triglyceride homeostasis triglyceride homeostasis cerebellum morphogenesis cellular response to estraciol stimulus regulation of macrophage activation hindbrain morphogenesis cerebellar cortex development negative regulation of fat cell differentiation — CD4-positive, alpha-beta T cell differentiation involved in immune response circadian regulation of gene expression alpha-beta T cell differentiation involved in immune response negative regulation of I-kappaB kinase/NF-kappaB signaling T cell differentiation involved in immune response negative regulation of smoothened signaling pathway nitric oxide biosynthetic process construction of smoothened signaling pathway nitric oxide biosynthetic process construction homeostasis reactive nitrogen species metabolic process construction homeostasis sterol homeostasis reactive nitrogen species metabolic process 1:G-N+ 3:G0N-5:G+N-6:G-N0 all (114)(53)(1) (55)(4)