GO_Biological_Process_2021

cellular heat acclimation (GO:0070370)

negative regulation of transcription from
RNA polymerase II promoter in response to
C3HC4-type RING finger domain binding
stress (GO:0097201)
(GO:0055131)

negative regulation of cytoplasmic
translation (GO:2000766)

forebrain neuron differentiation
positive regulation of basement membrane
(GO:0021879)
assembly involved in embryonic body
lysine-acetylated histone binding
morphogenesis (GO:1904261)
(GO:0070577)

regulation of cAMP-mediated signaling
(GO:0043949)

unmethylated CpG binding (GO:0045322)

regulation of mRNA export from nucleus
(GO:0010793)

regulation of tau-protein kinase activity
(GO:1902947)

gland morphogenesis (GO:0022612)

negative regulation of locomotion
(GO:0040013)

retinoic acid receptor signaling pathway
(GO:0048384)

positive regulation of respiratory burst
(GO:0060267)

negative regulation of actin filament
depolymerization (GO:0030835)
cell-cell adhesion mediated by cadherin
(GO:0044331)

aryl hydrocarbon receptor binding
(GO:0017162)

cytoplasmic translation (GO:0002181)

peptide biosynthetic process (GO:0043043)

cotranslational protein targeting to
membrane (GO:0006613)

regulation of actin filament length
(GO:0030832)

neuron projection fasciculation (GO:0106030)

axonal fasciculation (GO:0007413)

membrane raft organization (GO:0031579)

cAMP biosynthetic process (GO:0006171)

skeletal muscle tissue regeneration
(GO:0043403)
regulation of homotypic cell-cell adhesion
maturation of LSU-rRNA from tricistronic
(GO:0034110)
rRNA transcript (SSU-rRNA, 5.8S rRNA,
negative regulation of homotypic cell-cell
LSU-rRNA) (GO:0000463)
adhesion (GO:0034111)

pharyngeal arch artery morphogenesis
(GO:0061626)
response to granulocyte macrophage
colony-stimulating factor (GO:0097012)
cellular response to leptin stimulus
(GO:0044320)

Enrichment
log(combined score)

- 6
- 8
- 10
- 12

AST-M1 AST-M2 AST-M3 AST-M4 AST-M5 AST-M6 AST-M7 AST-M8 AST-M9 AST-M10 AST-M11