A
structural constituent of ribosome
gated channel activity
ion gated channel activity
ion channel activity
substrate−specific channel activity
cation channel activity
channel activity
passive transmembrane transporter activity
metal ion transmembrane transporter activity
cell adhesion molecule binding
transmembrane receptor protein tyrosine kinase activity
rRNA binding
transmembrane receptor protein serine/threonine kinase binding
transcription coactivator activity
DNA−binding transcription activator activity, RNA polymerase II−specific
Tat protein binding
cyclin binding
receptor serine/threonine kinase binding
molecular adaptor activity
transcription corepressor activity
NAD+ kinase activity
RNA polymerase II distal enhancer sequence−specific DNA binding
enhancer sequence−specific DNA binding
enhancer binding
proteoglycan binding
mRNA 5'−UTR binding
small ribosomal subunit rRNA binding
fibroblast growth factor binding
ubiquinol−cytochrome−c reductase activity
oxidoreductase activity, acting on diphenols and related substances as donors, cytochrome as acceptor
single−stranded RNA binding
RNA polymerase II complex binding
RNA polymerase core enzyme binding
protein phosphatase inhibitor activity
basal transcription machinery binding
basal RNA polymerase II transcription machinery binding
helicase activity
catalytic activity, acting on RNA
catalytic activity, acting on DNA
DNA helicase activity
cadherin binding
S−adenosylmethionine−dependent methyltransferase activity
methyltransferase activity
single−stranded DNA binding
histone binding
modification−dependent protein binding
core promoter sequence−specific DNA binding
sequence−specific single stranded DNA binding
telomerase RNA binding
single−stranded telomeric DNA binding
G−rich strand telomeric DNA binding
structural molecule activity conferring elasticity
transcription corepressor binding
CoA−ligase activity
acetylcholine receptor binding
mRNA 3'−UTR AU−rich region binding
AU−rich element binding
phosphoric ester hydrolase activity
VitA_DEGs (1066)
Aldosterone_DEGs (107)
Dexamethasone_DEGs (153)
Caffeine_DEGs (6328)
Nicotine_DEGs (382)
Copper_DEGs (5162)
Selenium_DEGs (6760)
Zinc_DEGs (6346)
Cadmium_DEGs (30)
Triclosan_DEGs (115)
Insulin_DEGs (46)
Acetaminophen_DEGs (575)
VitA_DSI (83)
Aldosterone_DSI (34)
Dexamethasone_DSI (61)
Caffeine_DSI (3258)
Copper_DSI (729)
Selenium_DSI (2791)
Zinc_DSI (1760)
Cadmium_DSI (6)
Triclosan_DSI (45)
Insulin_DSI (9)
Acetaminophen_DSI (49)
background (17152)
GeneRatio
0.2
0.4
0.6
p.adjust
0.025
0.050
0.075
B
Ribosome
Arrhythmogenic right ventricular cardiomyopathy (ARVC)
Signaling pathways regulating pluripotency of stem cells
MAPK signaling pathway
Cell adhesion molecules (CAMs)
Calcium signaling pathway
Neuroactive ligand−receptor interaction
Axon guidance
Hypertrophic cardiomyopathy (HCM)
Aldosterone−regulated sodium reabsorption
Dilated cardiomyopathy (DCM)
Insulin signaling pathway
Steroid biosynthesis
Glutamatergic synapse
Focal adhesion
EGFR tyrosine kinase inhibitor resistance
Ovarian steroidogenesis
GABAergic synapse
p53 signaling pathway
Type II diabetes mellitus
Mineral absorption
Terpenoid backbone biosynthesis
Regulation of actin cytoskeleton
PI3K−Akt signaling pathway
ECM−receptor interaction
Human papillomavirus infection
Protein digestion and absorption
Choline metabolism in cancer
Cysteine and methionine metabolism
Epstein−Barr virus infection
Fc epsilon RI signaling pathway
Cell cycle
Spliceosome
RNA degradation
Thermogenesis
Adherens junction
Pyrimidine metabolism
Mitophagy − animal
Proteasome
Endocytosis
Ribosome biogenesis in eukaryotes
Phosphatidylinositol signaling system
Glycosaminoglycan biosynthesis − keratan sulfate
Herpes simplex virus 1 infection
VitA_DEGs (513)
Aldosterone_DEGs (52)
Dexamethasone_DEGs (76)
Caffeine_DEGs (2812)
Nicotine_DEGs (200)
Copper_DEGs (2276)
Selenium_DEGs (3964)
Zinc_DEGs (3713)
Cadmium_DEGs (11)
Triclosan_DEGs (56)
Insulin_DEGs (42)
Acetaminophen_DEGs (262)
VitA_DSI (47)
Aldosterone_DSI (18)
Dexamethasone_DSI (28)
Caffeine_DSI (1488)
Nicotine_DSI (12)
Copper_DSI (345)
Selenium_DSI (1246)
Zinc_DSI (791)
Triclosan_DSI (27)
Insulin_DSI (6)
Acetaminophen_DSI (29)
background (7740)
p.adjust
0.025
0.050
0.075
GeneRatio
0.25
0.50
0.75
1.00