miRPathDB Enrichment Summary: P53_TP53_1_vs_0
miRPathDB Enriched: P53_TP53_1_vs_0
miRPathDB Depleted: P53_TP53_1_vs_0
GO Biological process (miRPathDB)
GO Molecular function (miRPathDB)
KEGG (miRPathDB)
Reactome (miRPathDB)
axon development
peripheral nervous system development
positive regulation of cysteine-type endopeptidase activity
positive regulation of cysteine-type endopeptidase activity involved in apoptotic process
positive regulation of endopeptidase activity
regulation of interleukin-12 production
regulation of phospholipid metabolic process
reproduction
reproductive process
cytokine production
regulation of developmental pigmentation
protein localization to chromosome
p53 binding
nitric-oxide synthase regulator activity
phosphatidylinositol 3-kinase activity
protein tyrosine kinase activity
deoxyribonuclease activity
cyclin-dependent protein serinethreonine kinase inhibitor activity
histone methyltransferase activity
lysine N-methyltransferase activity
protein-lysine N-methyltransferase activity
tau-protein kinase activity
phosphotyrosine residue binding
protein phosphorylated amino acid binding
Dorso-ventral axis formation
Alcoholism
Aldosterone-regulated sodium reabsorption
Legionellosis
Oocyte meiosis
B cell receptor signaling pathway
Basal cell carcinoma
Hippo signaling pathway
Long-term depression
MAPK signaling pathway
Phagosome
Prion diseases
Activation of BH3-only proteins
MyD88 cascade initiated on plasma membrane
MyD88 dependent cascade initiated on endosome
TRAF6 mediated induction of NFkB and MAP kinases upon TLR78 or 9 activation
Toll Like Receptor 10 TLR10 Cascade
Toll Like Receptor 5 TLR5 Cascade
Toll Like Receptor 78 TLR78 Cascade
Toll Like Receptor 9 TLR9 Cascade
Interleukin-1 family signaling
MyD88MALTIRAP cascade initiated on plasma membrane
Negative regulation of the PI3KAKT network
PI5P PP2A and IER3 Regulate PI3KAKT Signaling
0.5 0.6 0.7 0.8 0.9
-log10(P-adjusted)
morphogenesis of a polarized epithelium
negative regulation of Wnt signaling pathway
nucleobase-containing small molecule interconversion
positive regulation of gene expression epigenetic
Wnt signaling pathway planar cell polarity pathway
establishment of planar polarity
regulation of establishment of planar polarity
canonical glycolysis
glucose catabolic process
negative regulation of canonical Wnt signaling pathway
nuclear envelope organization
regulation of gene silencing by miRNA
translation regulator activity
ATP-dependent RNA helicase activity
RNA-dependent ATPase activity
enzyme binding
nucleotidyltransferase activity
organic cyclic compound binding
steroid hormone receptor binding
chromatin binding
nuclear hormone receptor binding
protein binding
transcription coactivator activity
ubiquitin-like protein ligase binding
Biosynthesis of amino acids
MicroRNAs in cancer
Ribosome
Thyroid hormone signaling pathway
Pathogenic Escherichia coli infection
RNA transport
Epithelial cell signaling in Helicobacter pylori infection
Prostate cancer
GnRH signaling pathway
FoxO signaling pathway
Adherens junction
Salmonella infection
rRNA processing in the mitochondrion
tRNA processing in the mitochondrion
RUNX1 regulates genes involved in megakaryocyte differentiation and platelet function
Circadian Clock
Interconversion of nucleotide di- and triphosphates
Insulin-like Growth Factor-2 mRNA Binding Proteins IGF2BPsIMPsVICKZs bind RNA
tRNA processing
Deubiquitination
Interleukin-12 family signaling
Metabolism of RNA
Regulation of RUNX3 expression and activity
The citric acid TCA cycle and respiratory electron transport
0.3 0.4 0.5 0.6 0.7 0.8
-log10(P-adjusted)
Observed
10
20
30
Observed
25
50
75