

miRPathDB Depleted: EDAD\_gt70\_vs\_40\_60

GO Biological  
process  
(miRPathDB)

GO Molecular  
function  
(miRPathDB)

nucleobase-containing small molecule  
interconversion

response to interleukin-1

DNA-templated transcription elongation

transcription elongation from RNA  
polymerase II promoter

bone remodeling

amide biosynthetic process

regulation of transcription from RNA  
polymerase II promoter in response to  
stress

morphogenesis of a polarized epithelium

tRNA aminoacylation

canonical glycolysis

nucleobase-containing compound transport

RNA splicing via transesterification  
reactions

RNA polymerase binding

ribonucleoprotein complex binding

ADP binding

translation repressor activity mRNA  
regulatory element binding

nuclear hormone receptor binding

structural constituent of ribosome

ATPase activity coupled

hormone receptor binding

RNA binding

mRNA binding

Ran GTPase binding

nucleotidyltransferase activity

KEGG  
(miRPathDB)

Reactome  
(miRPathDB)

Observed

20

40

60

Biosynthesis of amino acids

Ribosome

Gap junction

RNA transport

Malaria

Pathogenic Escherichia coli infection

Leishmaniasis

Spliceosome

Transcriptional regulation by small RNAs

Interconversion of nucleotide di- and  
triphosphates

Signaling by TGF-beta Receptor Complex  
in Cancer

Viral Messenger RNA Synthesis

Loss of Function of SMAD23 in Cancer

Nonhomologous End-Joining NHEJ

Regulation of PTEN localization

Circadian Clock

Degradation of beta-catenin by the  
destruction complex

Interleukin-1 signaling

tRNA Aminoacylation

HIV Infection

-log10(P-adjusted)