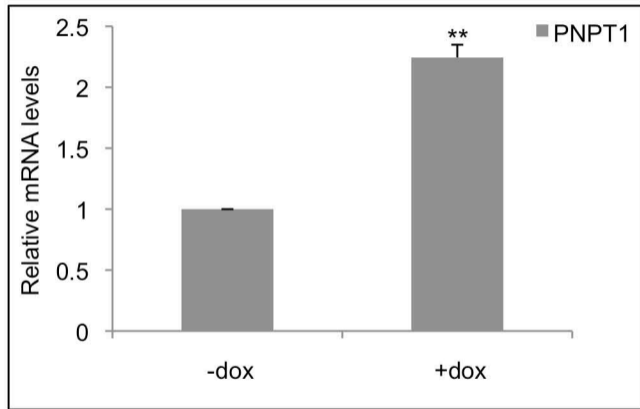
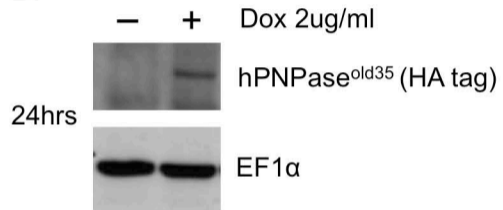


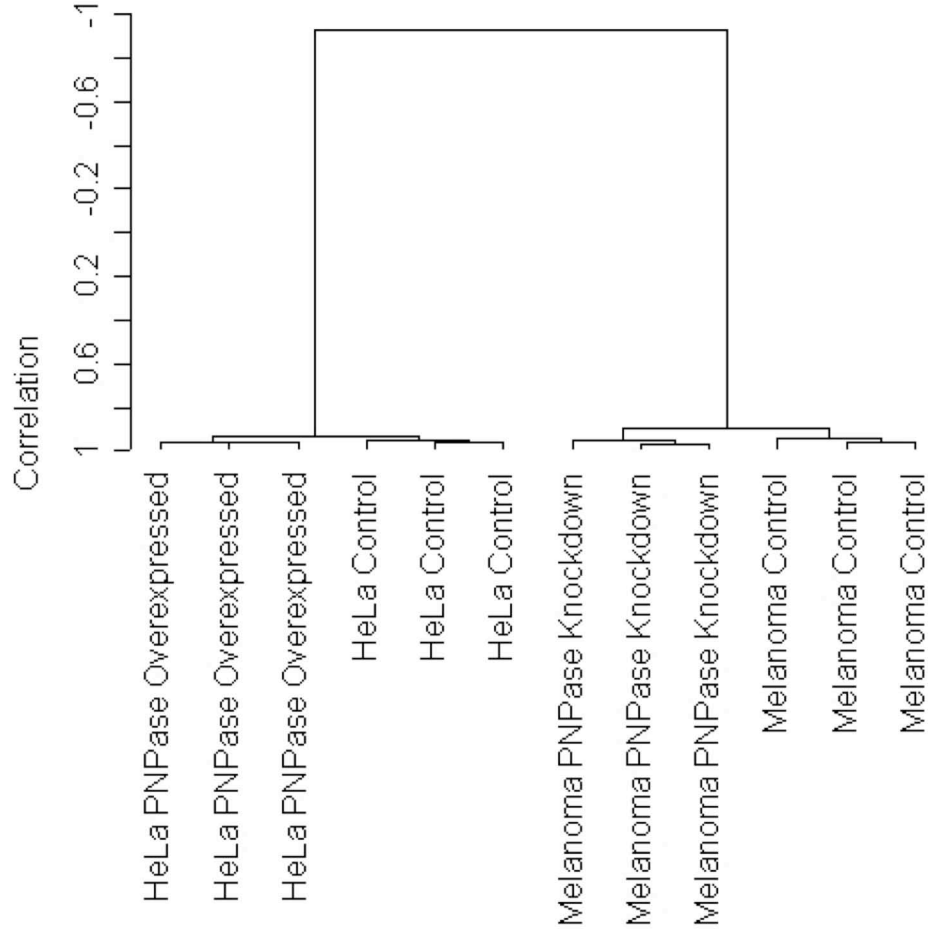
A.

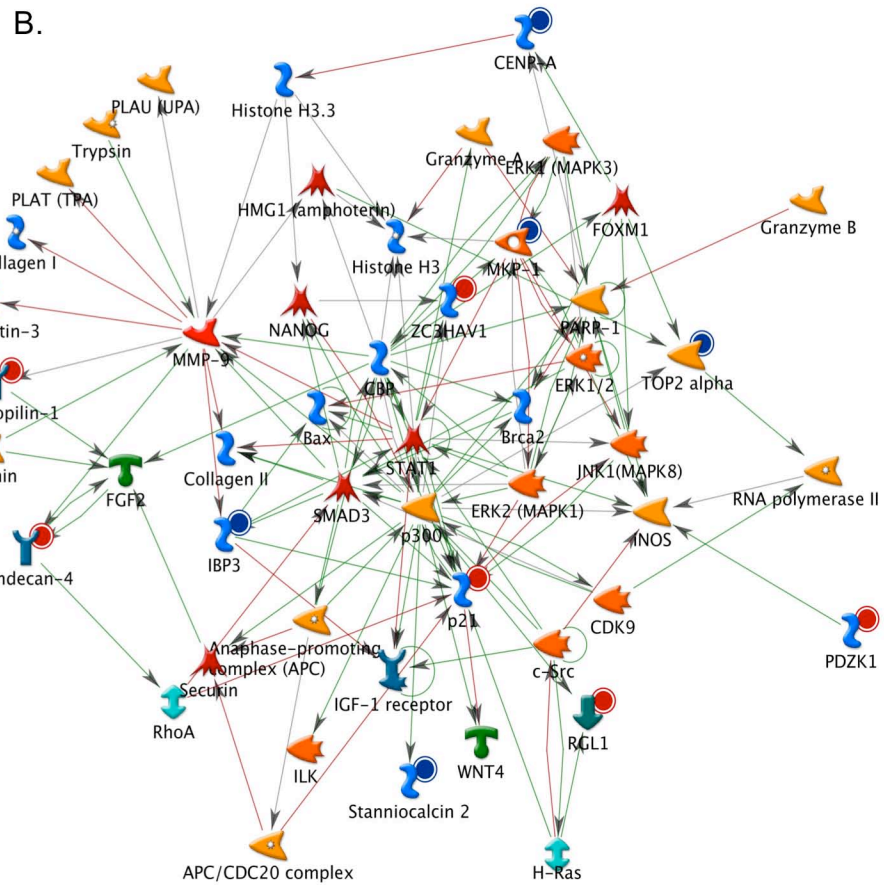
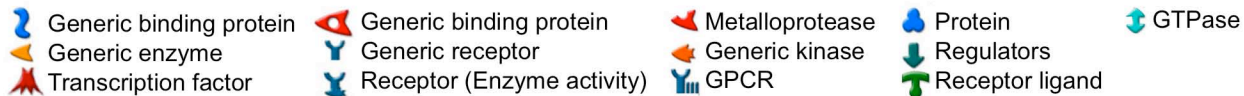
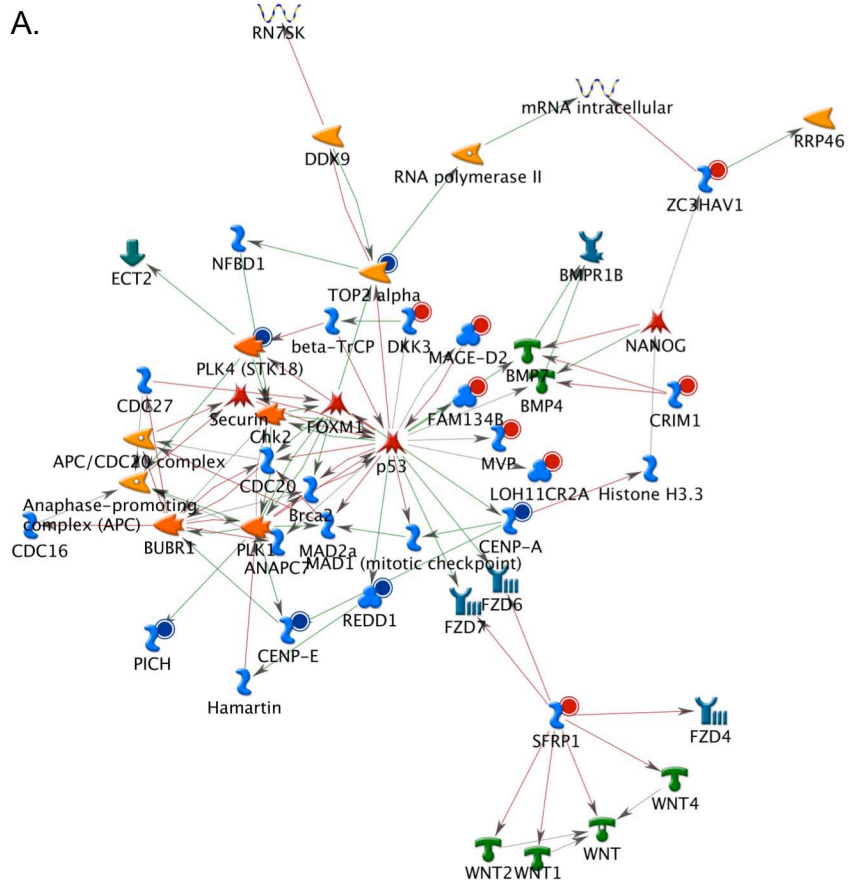


**p < 0.01

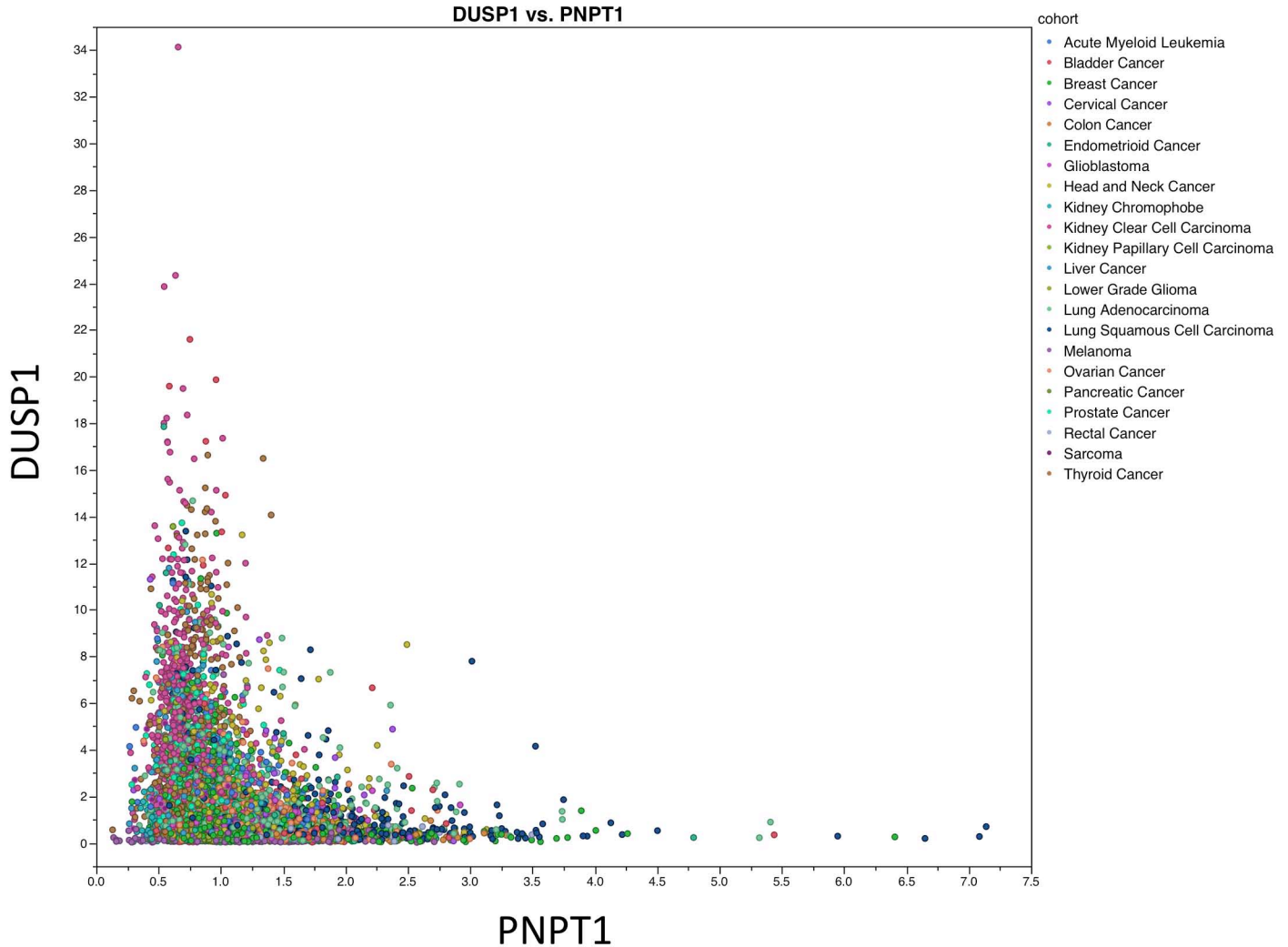
B.



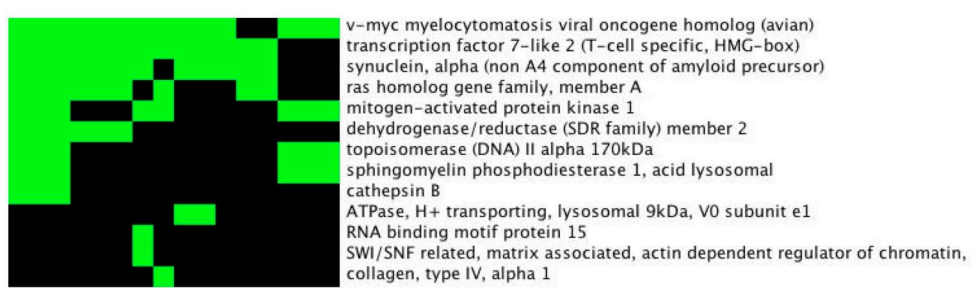




TCGA PANCAN dataset



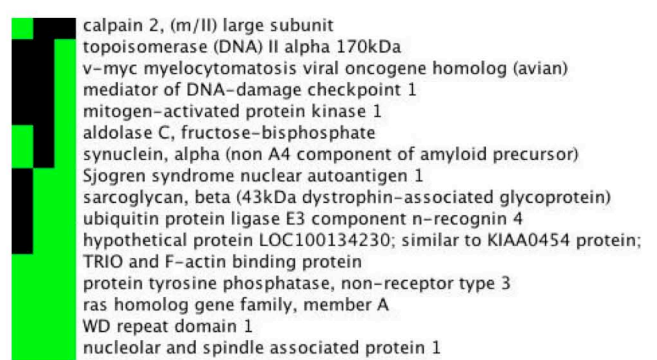
A.



GO:0043065--positive regulation of apoptosis
GO:0010942--positive regulation of cell death
GO:003098--positive regulation of programmed cell death
GO:0003311--regulation of cellular localization
GO:0051030--positive process
GO:0006916--homeostatic process
GO:0048818--chemical homeostasis
GO:0043065--positive regulation of macromolecule
GO:0043065--positive regulation of apoptosis
GO:0043065--negative regulation of cell death
GO:0043065--negative regulation of programmed cell death
GO:0043067--regulation of programmed cell death
GO:0010941--regulation of cell death

Apoptosis

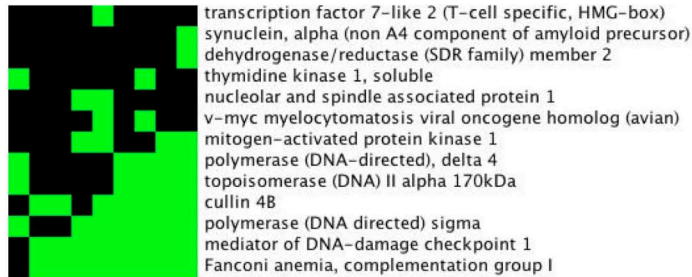
B.



GO:0005856--cytoskeleton
cytoskeleton
GO:0008092--cytoskeletal protein binding

Cytoskeleton

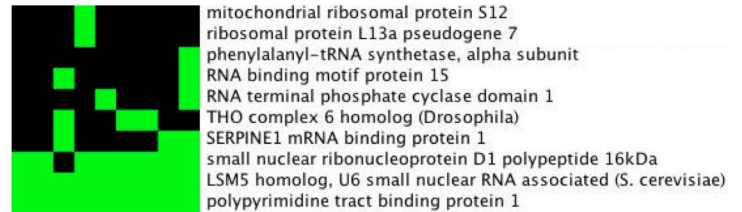
C.



GO:0033514--cellular response to stress
GO:0006974--response to DNA damage stimulus
GO:0006239--DNA metabolic process
GO:0006281--DNA repair
GO:0007049--cell cycle
GO:0006260--DNA replication
DNA repair
DNA damage
cell cycle

DNA Repair

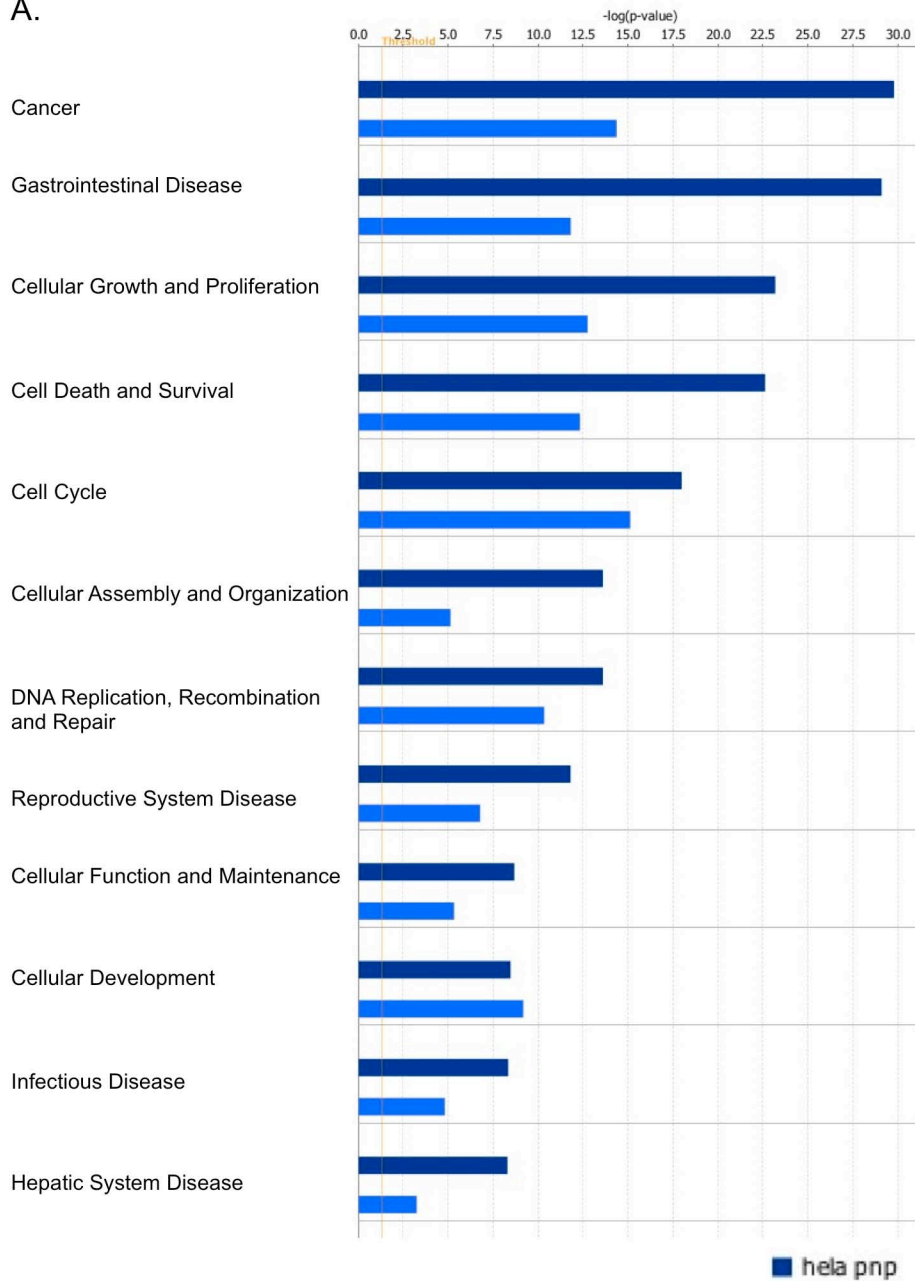
D.



GO:003723--RNA binding
GO:0016071--mRNA metabolic process
GO:0003723--RNA binding
GO:0006396--RNA processing
GO:0030529--ribonucleoprotein complex
GO:0006397--mRNA processing
GO:0006397--mRNA splicing
GO:0008380--RNA splicing

mRNA processing

A.



B.

