Paralog Dependency Scores

Score = paralog upregulation ✕ anti−correlation with lost gene

Lost gene ... Paralog (y-axis):
TMEM256 ... ADK
RDH11 ... WWOX
ZBTB42 ... ZBTB20
VTI1B ... VTI1A
GOSR2 ... VTI1A
RDH5 ... WWOX
MYBPC3 ... FNDC3B
SLC25A12 ... SLC25A6
ZNF410 ... ZBTB20
HSD17B1 ... WWOX
ZFP91 ... ZBTB20
ACTR3B ... ACTB
AKT1 ... AKT3
ACAP1 ... ASAP1
EIF4A1 ... DDX17
CRIP1 ... ZFHX3
TBC1D28 ... RABGAP1L
MAP2K3 ... STK3
MYBPC1 ... FNDC3B
ARHGEF25 ... TRIO
TBC1D3 ... RABGAP1L
CDK2 ... CDK13
HNRNPA1 ... RBM47
UBXN1 ... TNRC6B
ETV4 ... ETV6
FDXR ... DPYD
EIF4A3 ... DDX17
CDK4 ... CDK13
SPDEF ... ETV6
UBXN1 ... TNRC6A

X-axis: KO Dependency Score (0.10, 0.15, 0.20)

Legend:
−log10(padj): 15

Score: 0.20, 0.16, 0.12, 0.08