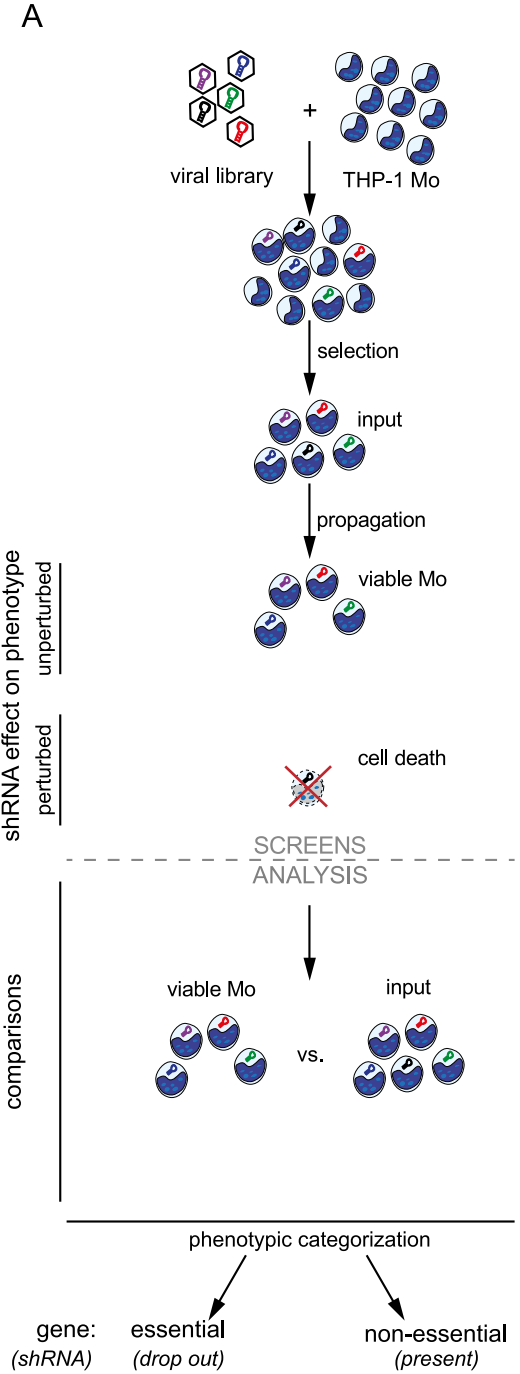
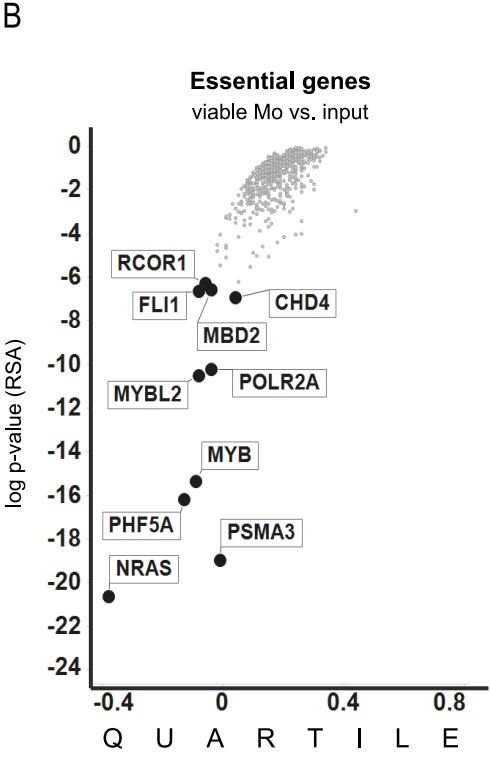

A
viral library
+
THP-1 Mo
selection
input
propagation
viable Mo
shRNA effect on phenotype
unperturbed
perturbed
cell death
SCREENS
ANALYSIS
comparisons
viable Mo
vs.
input
phenotypic categorization
gene:
(shRNA)
essential
(drop out)
non-essential
(present)


B
Essential genes
viable Mo vs. input
log p-value (RSA)
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
RCOR1
FLI1
CHD4
MBD2
MYBL2
POLR2A
MYB
PHF5A
PSMA3
NRAS
-0.4
0
0.4
0.8
Q U A R T I L E