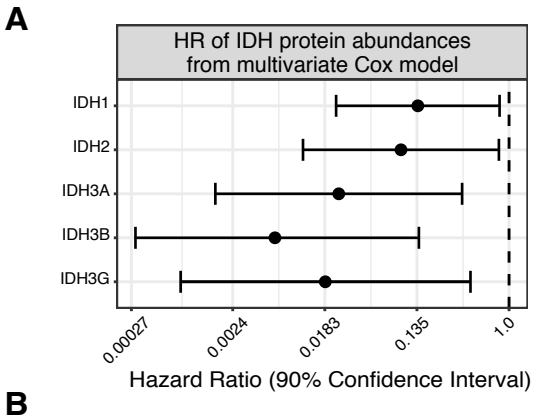
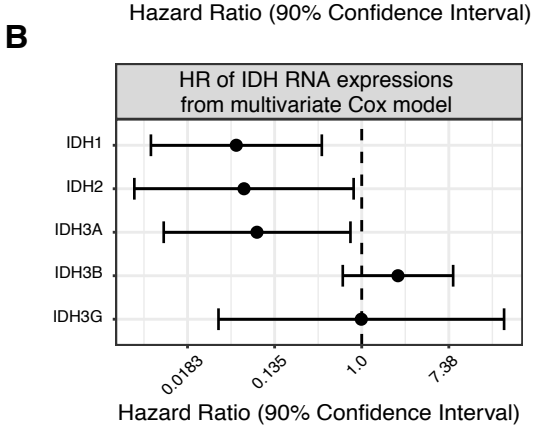
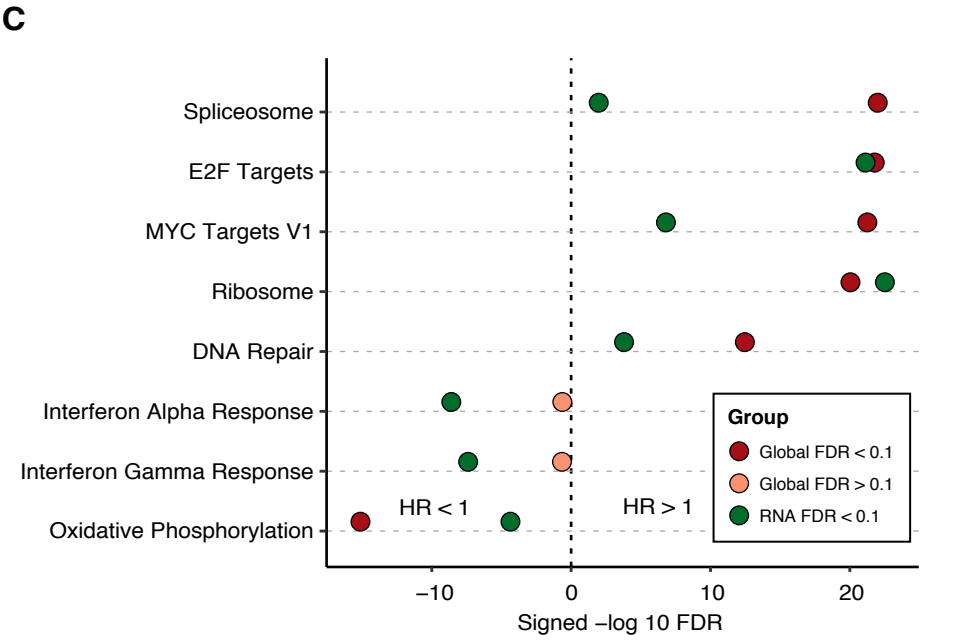
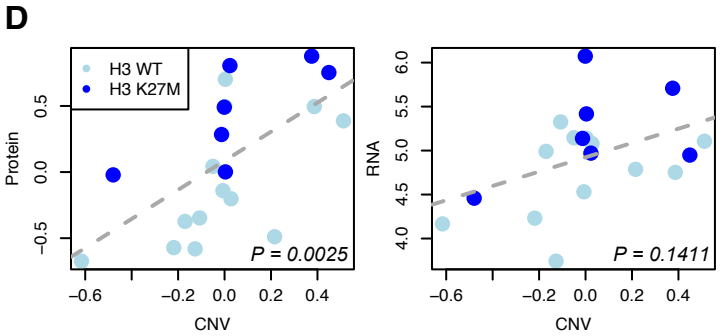
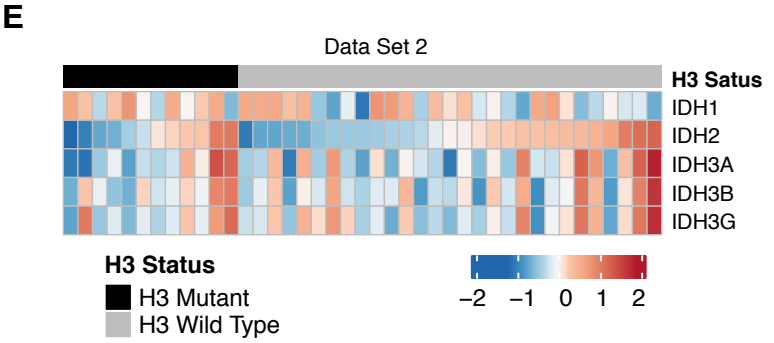
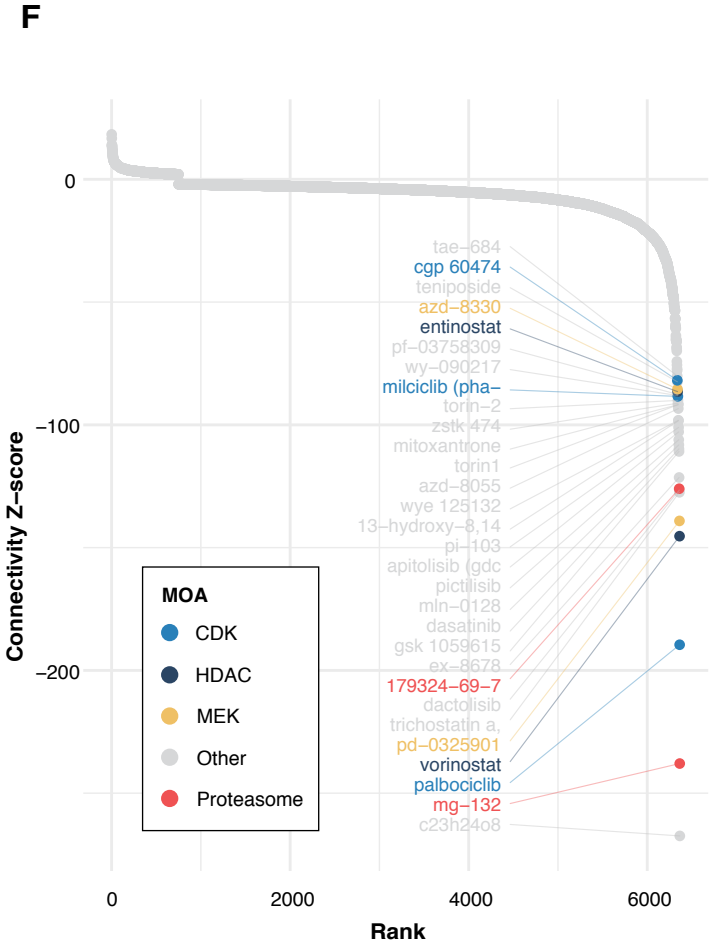

A
HR of IDH protein abundances
from multivariate Cox model
IDH1
IDH2
IDH3A
IDH3B
IDH3G
0.00027
0.0024
0.0183
0.135
1.0
Hazard Ratio (90% Confidence Interval)

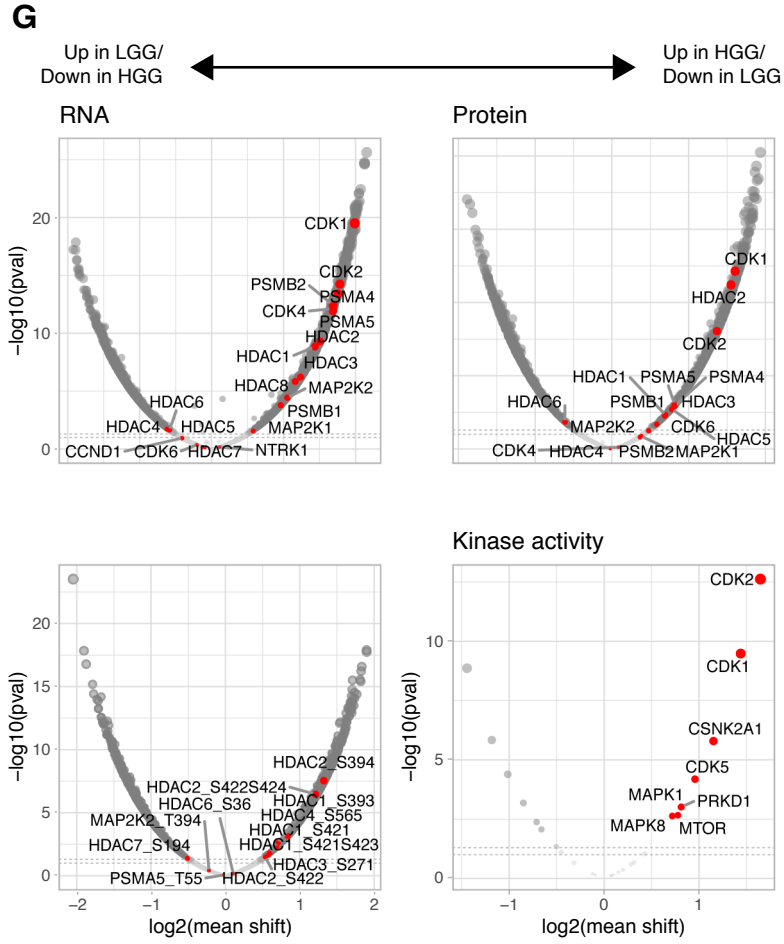

B
HR of IDH RNA expressions
from multivariate Cox model
IDH1
IDH2
IDH3A
IDH3B
IDH3G
0.0183
0.135
1.0
7.38
Hazard Ratio (90% Confidence Interval)


C
Spliceosome
E2F Targets
MYC Targets V1
Ribosome
DNA Repair
Interferon Alpha Response
Interferon Gamma Response
Oxidative Phosphorylation
HR < 1
HR > 1
Group
Global FDR < 0.1
Global FDR > 0.1
RNA FDR < 0.1
−10
0
10
20
Signed −log 10 FDR


D
H3 WT
H3 K27M
Protein
RNA
CNV
P = 0.0025
P = 0.1411


E
Data Set 2
H3 Satus
IDH1
IDH2
IDH3A
IDH3B
IDH3G
H3 Status
H3 Mutant
H3 Wild Type
−2
−1
0
1
2


F
Connectivity Z−score
Rank
MOA
CDK
HDAC
MEK
Other
Proteasome
cgp 60474
azd−8330
entinostat
milciclib (pha−
179324−69−7
vorinostat
palbociclib
mg−132


G
Up in LGG/
Down in HGG
Up in HGG/
Down in LGG
RNA
Protein
Kinase activity
−log10(pval)
log2(mean shift)
CDK1
CDK2
HDAC2
CSNK2A1
CDK5
MAPK1
PRKD1
MAPK8
MTOR