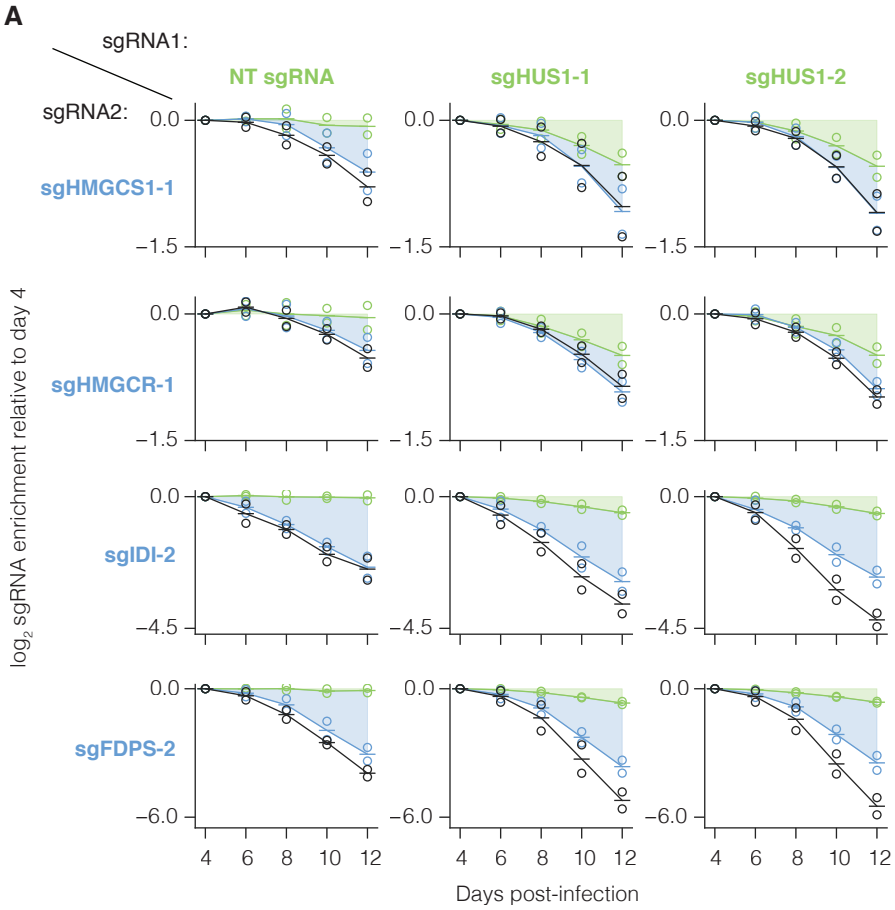
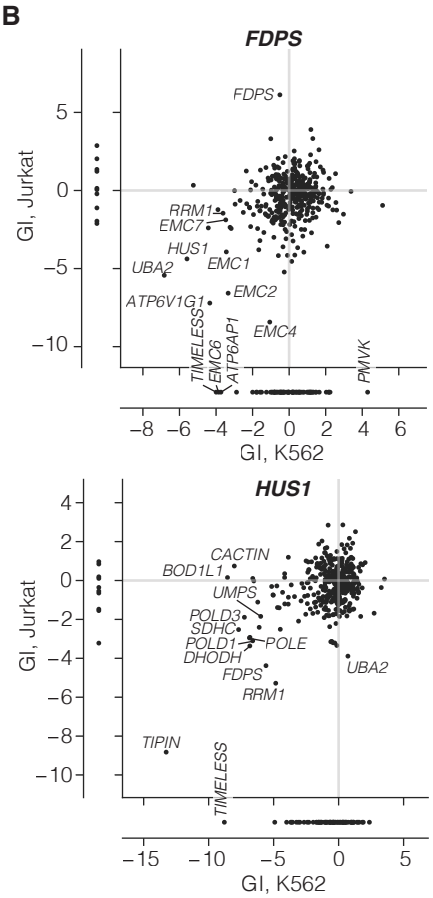
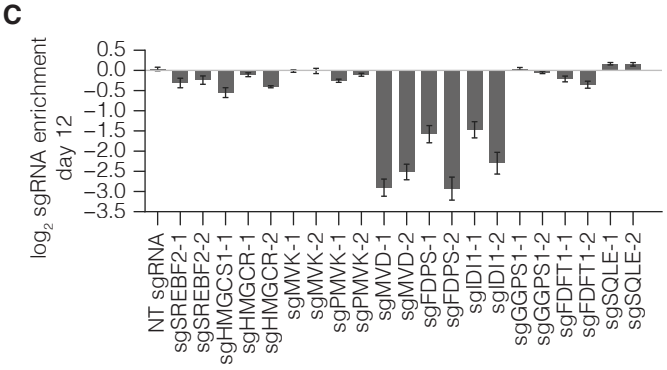
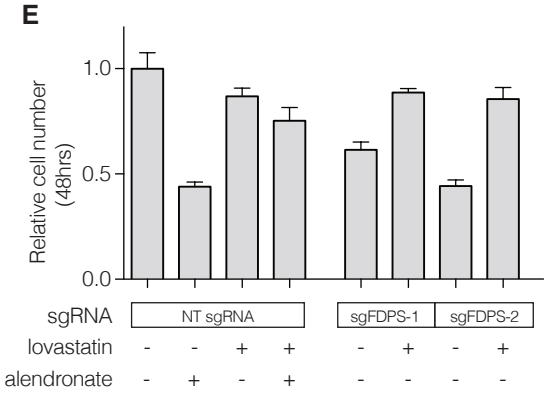
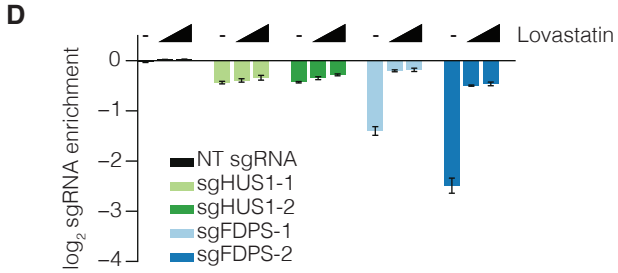
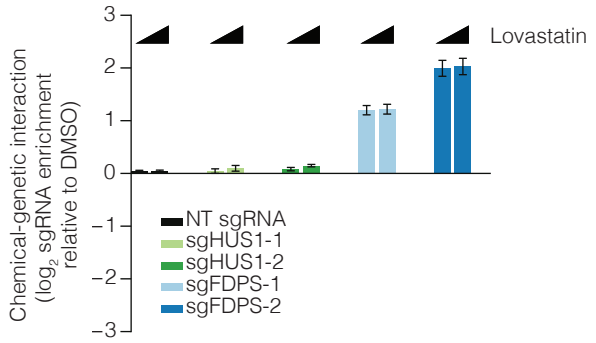

A
sgRNA1:
sgRNA2:
NT sgRNA
sgHUS1-1
sgHUS1-2
sgHMGCS1-1
sgHMGCR-1
sgIDI-2
sgFDPS-2
log2 sgRNA enrichment relative to day 4
Days post-infection

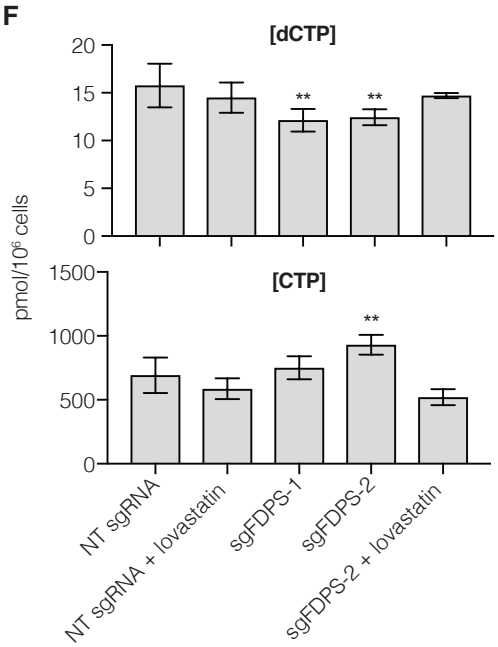

B
FDPS
HUS1
GI, Jurkat
GI, K562
FDPS
RRM1
EMC7
HUS1
EMC1
UBA2
EMC2
ATP6V1G1
EMC4
TIMELESS
EMC6
ATP6AP1
PMVK
CACTIN
BOD1L1
UMPS
POLD3
SDHC
POLD1
POLE
DHODH
FDPS
RRM1
UBA2
TIPIN
TIMELESS


C
log2 sgRNA enrichment day 12
NT sgRNA
sgSREBF2-1
sgSREBF2-2
sgHMGCS1-1
sgHMGCR-1
sgHMGCR-2
sgMVK-1
sgMVK-2
sgPMVK-1
sgPMVK-2
sgMVD-1
sgMVD-2
sgFDPS-1
sgFDPS-2
sgIDI1-1
sgIDI1-2
sgGGPS1-1
sgGGPS1-2
sgFDFT1-1
sgFDFT1-2
sgSQLE-1
sgSQLE-2


E
Relative cell number (48hrs)
sgRNA
NT sgRNA
sgFDPS-1
sgFDPS-2
lovastatin
alendronate


D
Lovastatin
log2 sgRNA enrichment
NT sgRNA
sgHUS1-1
sgHUS1-2
sgFDPS-1
sgFDPS-2


Lovastatin
Chemical-genetic interaction (log2 sgRNA enrichment relative to DMSO)
NT sgRNA
sgHUS1-1
sgHUS1-2
sgFDPS-1
sgFDPS-2


F
[dCTP]
[CTP]
pmol/10^6 cells
NT sgRNA
NT sgRNA + lovastatin
sgFDPS-1
sgFDPS-2
sgFDPS-2 + lovastatin