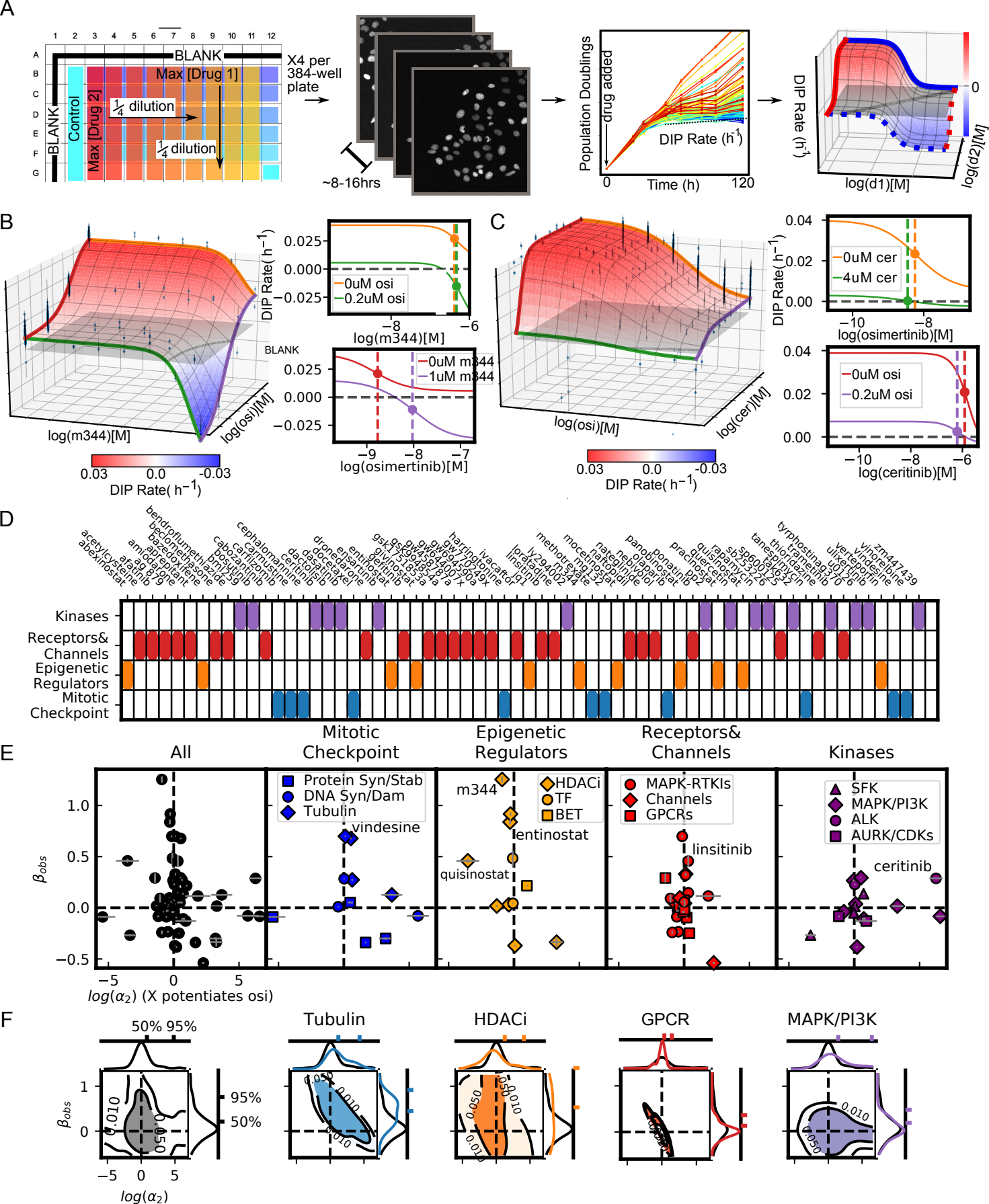
A
BLANK
Max [Drug 1]
Control
Max [Drug 2]
1/4 dilution
1/4 dilution
X4 per 384-well plate
~8-16hrs
Population Doublings
drug added
DIP Rate (h-1)
Time (h)
DIP Rate (h-1)
log(d1)[M]
log(d2)[M]
B
log(m344)[M]
log(osi)[M]
DIP Rate(h−1)
0uM osi
0.2uM osi
log(m344)[M]
BLANK
0uM m344
1uM m344
log(osimertinib)[M]
C
log(osi)[M]
log(cer)[M]
0uM cer
4uM cer
log(osimertinib)[M]
0uM osi
0.2uM osi
log(ceritinib)[M]
D
Kinases
Receptors& Channels
Epigenetic Regulators
Mitotic Checkpoint
E
All
Mitotic Checkpoint
Epigenetic Regulators
Receptors& Channels
Kinases
Protein Syn/Stab
DNA Syn/Dam
Tubulin
vindesine
m344
HDACi
TF
BET
entinostat
quisinostat
MAPK-RTKIs
Channels
GPCRs
linsitinib
SFK
MAPK/PI3K
ALK
AURK/CDKs
ceritinib
βobs
log(α2) (X potentiates osi)
F
50% 95%
Tubulin
HDACi
GPCR
MAPK/PI3K
95%
50%
βobs
log(α2)