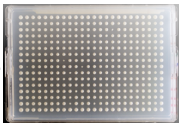
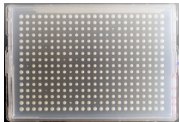


Each colony is a
parent mutant

Mating type α



Mating type a

Mate

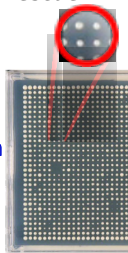
Diploid
(2C DNA)
selection

Sporulate
(meiosis)

Haploid
(1C DNA)
selection

New
mutant
selection

Synthetic
rescue



Synthetic
lethality

4x replicate to 384 array

Measure growth rates