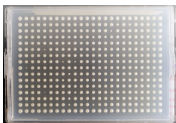Each colony is a parent mutant

Mating type a

Mating type α

Mate

Diploid (2C DNA)
selection

Sporulate
(meiosis)

Haploid (1C DNA)
selection

*Synthetic
rescue*

New mutant
selection

*Synthetic
lethality*

4x replicate to 384 array

Measure growth rates