

16 Deletion Strain (Green Monster)

Barcoded Wild-Type Pool

Arrayed collection

High-throughput Genotyping

Barcode to Genotype Lookup Table

Sequencing-Based Drug by Strain Growth Profiles

Two DNA-barcoded Pools

Genotype

Drug Sensitivity

Modelled abundance under each drug

t (generations)

Barcode sequencing, 16 drugs x 5 timepoints

3221 Mata strains

3625 Mata strains

Plate: 3

Row: 6

Column: 4

