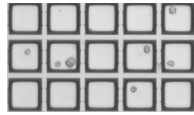
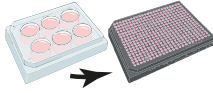


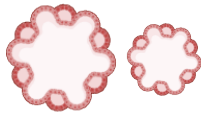
Assay optimization



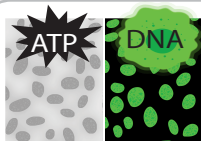
Seeding
parameters



Transfer efficiency:
PDOs/well



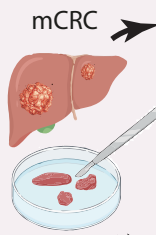
PDO size and
heterogeneity



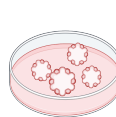
Readout
optimization

Assay miniaturization

PDO
generation

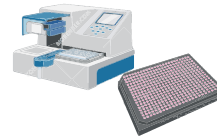


Expansion



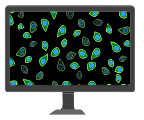
11 weeks

Drug screen

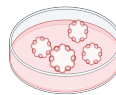


1 replicate

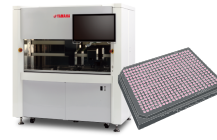
Results



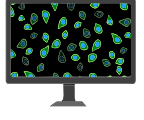
13 weeks



5 weeks



2 replicates

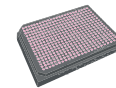


6 weeks

Assay verification



5% of PDOs
required



Correlation with
250 PDOs/well assay



Correlation with
patient response