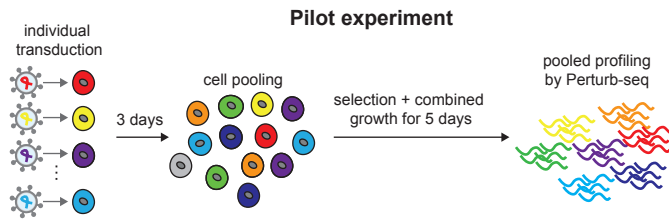


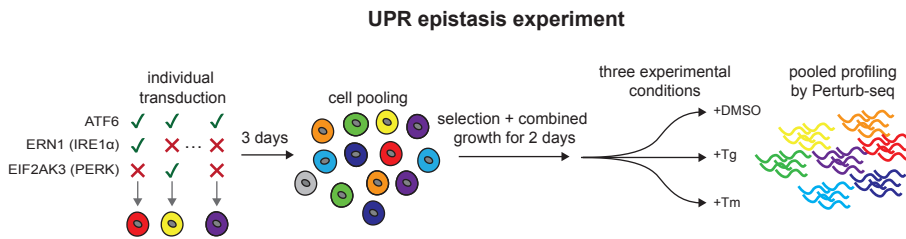
A



B

Perturbation complexity	8 sgRNAs
Cell count	5,768
Unique sgRNA	92%
Multiplet	6%
Unidentifiable	2%
Mean read depth	22,911 per cell
Median UMI depth	9,969 per cell
Median unique genes	2,580

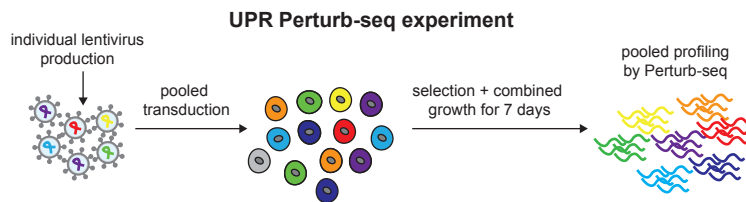
C



D

Perturbation complexity	8 combinatorial depletions, 3 conditions
Cell count	15,006
Unique sgRNA	90%
Multiplet	5%
Unidentifiable	5%
Mean read depth	122,670 per cell
Median UMI depth	25,082 per cell
Median unique genes	4,304

E



F

Perturbation complexity	91 sgRNAs, 2 control sgRNAs
Cell count	65,337
Unique sgRNA	77%
Multiplet	13%
Unidentifiable	9%
Mean read depth	66,950 per cell
Median UMI depth	15,355 per cell
Median unique genes	3,690