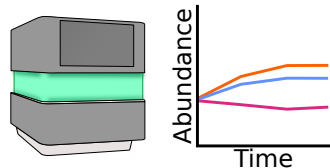
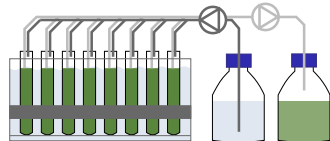
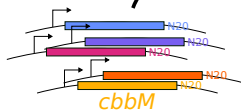
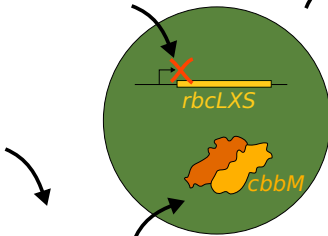


A**Combinatorial Library**

7 positions, specific exchanges

**Saturational Library**

71/470 positions, every possible exchange
(Deep Mutational Scanning, DMS)

CRISPRi

Illumina sequencing at several time points to track abundance of individual variants using N20 barcodes