Cell preparation

Single cell libraries construction

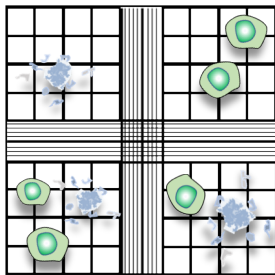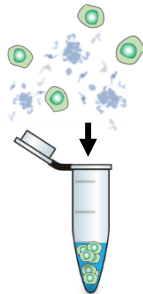### Dissociate cells

I

Assess viability

II

Remove dead cells

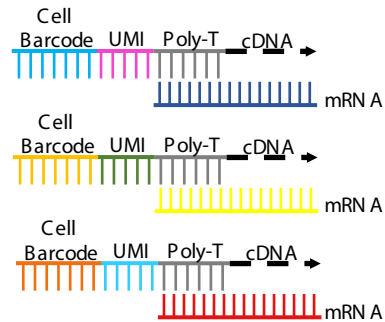III

Individual barcoding

IV
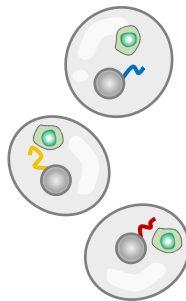
Reverse transcription

V

Cell Barcode | UMI | Poly-T | cDNA →
mRNA

Cell Barcode | UMI | Poly-T | cDNA →
mRNA

Cell Barcode | UMI | Poly-T | cDNA →
mRNA

Library generation

VI

P5 | R1 | Cell Barcode | UMI | cDNA | R2 | Sample Index | P7