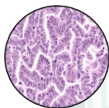
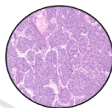


**Adenocarcinoma
(LUAD)**



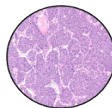
H1975, HCC827, H2228

**Small-Cell Lung Cancer
(SCLC - P)**



H526, H211

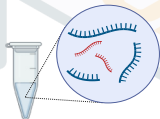
**Small-Cell Lung Cancer
(SCLC - A)**



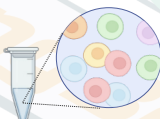
SHP77, H146, H69

8 cell lines from 3 different cancer types

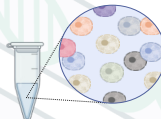
Bulk RNA + Sequins & SIRVs



Single-cell mixture



Single-nuclei mixture



3 library preparation methods

PacBio Revio

- Bulk cDNA (Kinnex)
- ✿ 10X 3' cDNA (Kinnex)



illumina NextSeq2000

- Bulk cDNA (TruSeq 100bp PE)
- ✿ 10X 3' cDNA



OXFORD NANOPORE Technologies PromethION

- Bulk cDNA (PCB-114)
- D Direct-RNA (RNA-004)
- ✿ 10X 3' cDNA (LSK-114)



7 different sequencing protocols across 3 platforms