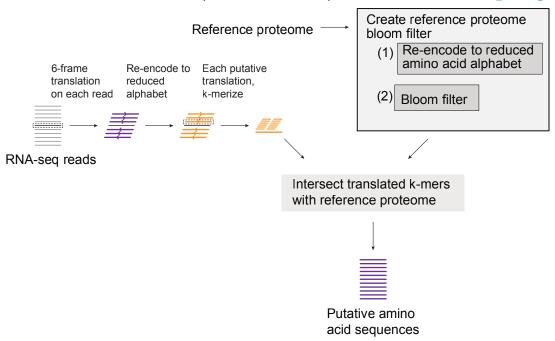
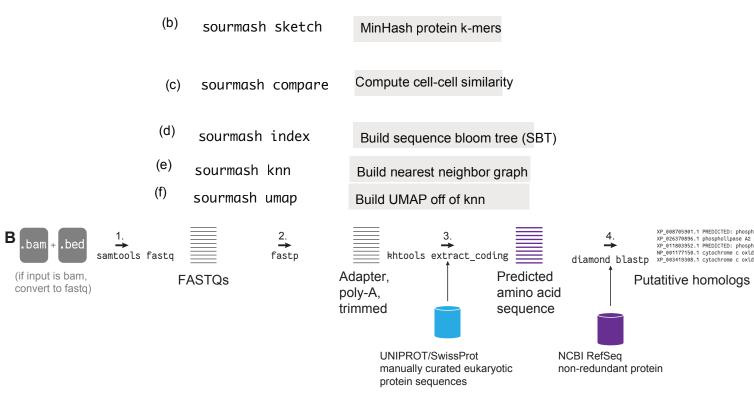
## Supplemental Figure 3

- A 1. Extract cell barcodes with sufficient nUMI from single-cell barn via bam2fasta
  - 2. Predict amino acid sequence from RNA-seq reads via khtools extract\_coding



3. Randomly subsample amino acid k-mers via MinHash algorithm in sourmash sketch



C