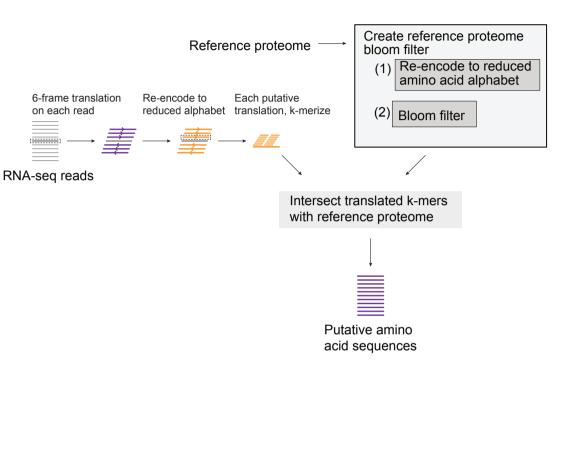


RNA-seq only)

- 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



MinHash protein k-mers Compute cell-cell similarity (c) sourmash compare sourmash knn Build nearest neighbor graph (d)

(b)

sourmash sketch

