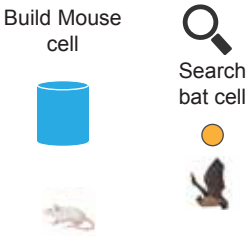


Figure 3: Reduced amino acid k-mers from transcriptomes enabled identification of unannotated immune genes in Chinese horseshoe bat suggesting immune adaptations

A



Confusion matrix of original bat annotations to relabelled ones

NK cells

B

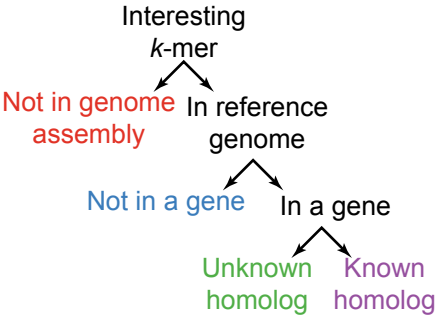
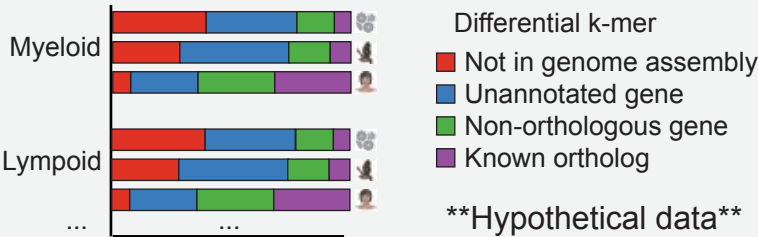
UMAP on gene expression or k-mer data of Bat + human + mouse, color by new cell type annotations

****Hypothetical data****



C

Barplot of fraction of differentially expressed k-mers found in aligned/unaligned reads



D

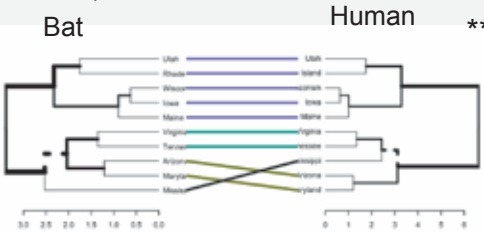
UMAP of Bat + human + mouse colored by interferon-like gene expression

****Hypothetical data****



E

Alignment of assembled Bat interferon proteins sequences and known human ones



****Hypothetical data****