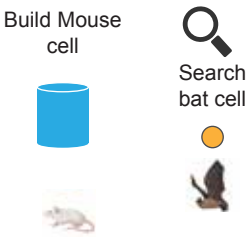


Figure 4: Reduced amino acid k-mers from transcriptomes enabled identification of unannotated immune genes in Chinese horseshoe bat suggesting immune adaptations

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

Dot plot of k-mer expression of human-specific gene

D

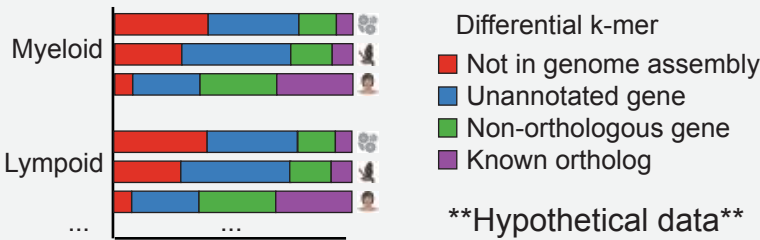
human+
by interferon-like gene expression

****Hypothetical data****



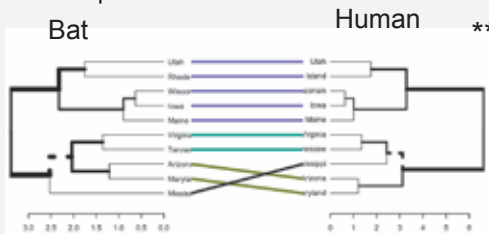
C

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



E

Alignment of assembled Bat interferon proteins sequences and known human ones



****Hypothetical data****

