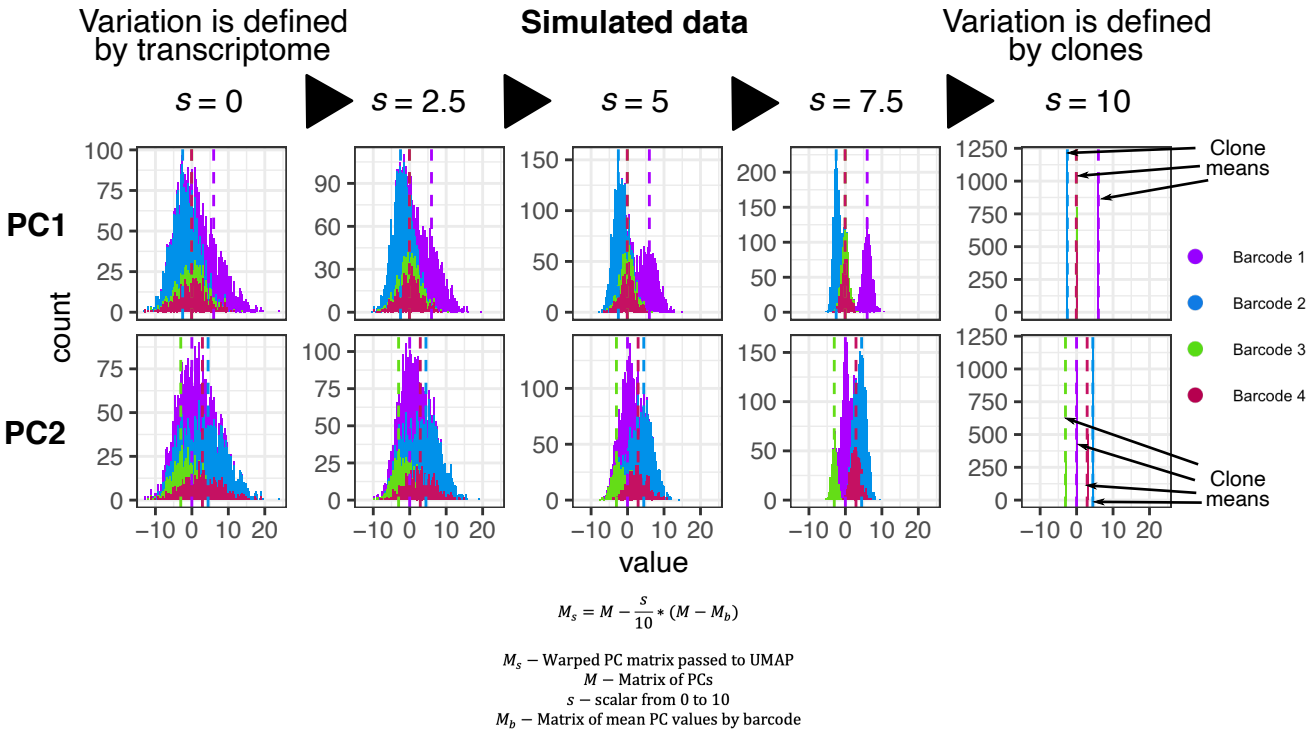
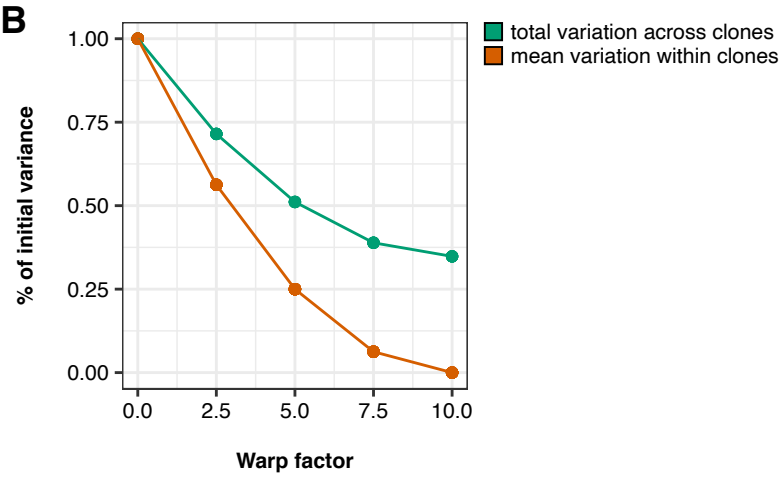
**A**

# Supplemental Figure 6




$$M_s = M - \frac{s}{10} * (M - M_b)$$

$M_s$ – Warped PC matrix passed to UMAP
$M$ – Matrix of PCs
$s$ – scalar from 0 to 10
$M_b$ – Matrix of mean PC values by barcode

**B**