



**Figure S3, Related to Figure 1:** The number of clusters returned by community detection at fixed resolution approaches the number of unique clone barcodes in the data as  $\alpha$  approaches 1. Plots showing the number of clusters returned by community detection at constant resolution with increasing  $\alpha$  in each dataset. At  $\alpha = 1$ , the network graph is composed of like-barcoded cells (a clone cluster) connected only to each other and community detection returns the number of unique clone clusters in the data as the number of clusters.