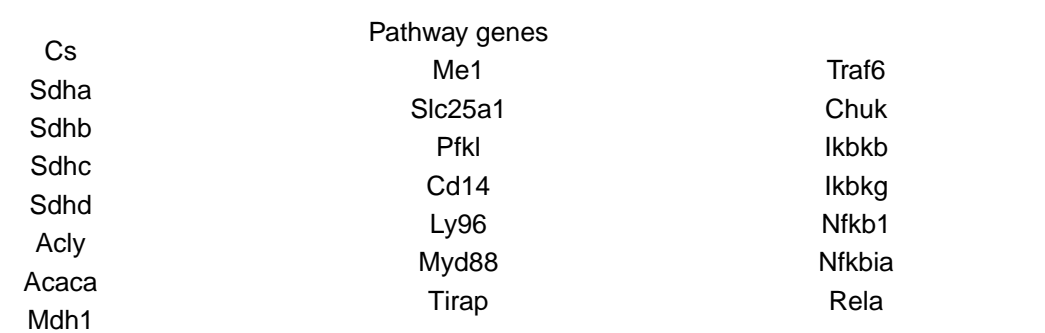
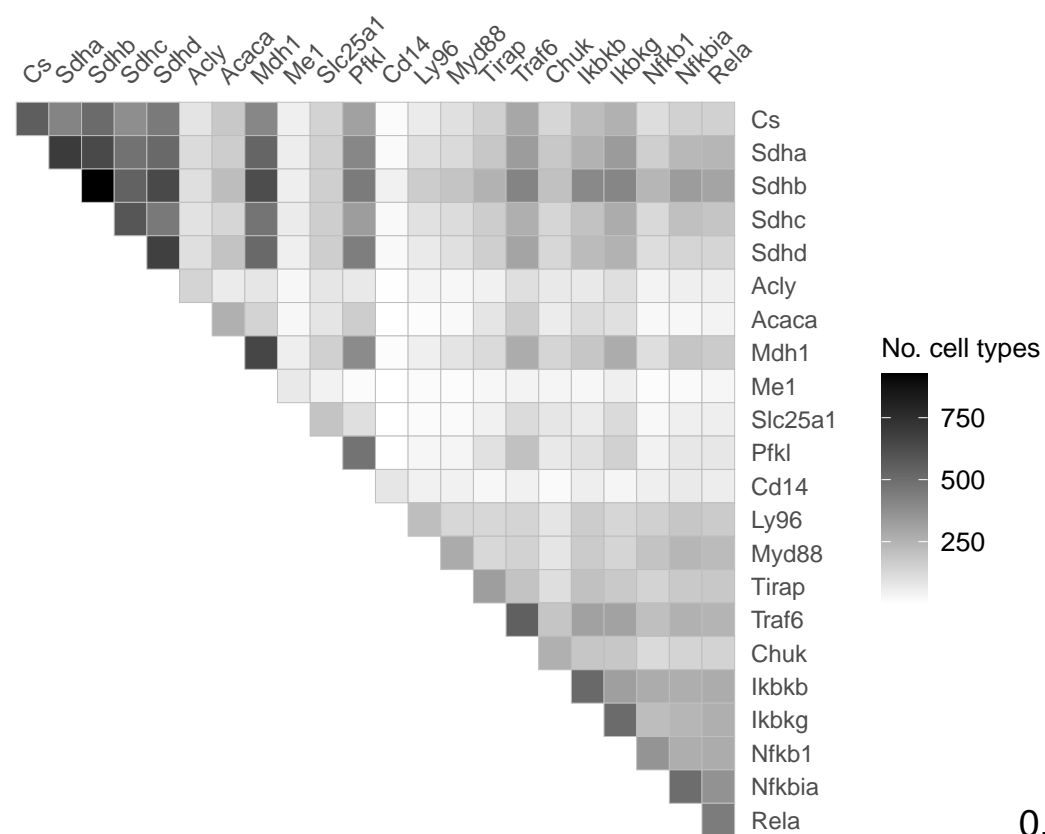


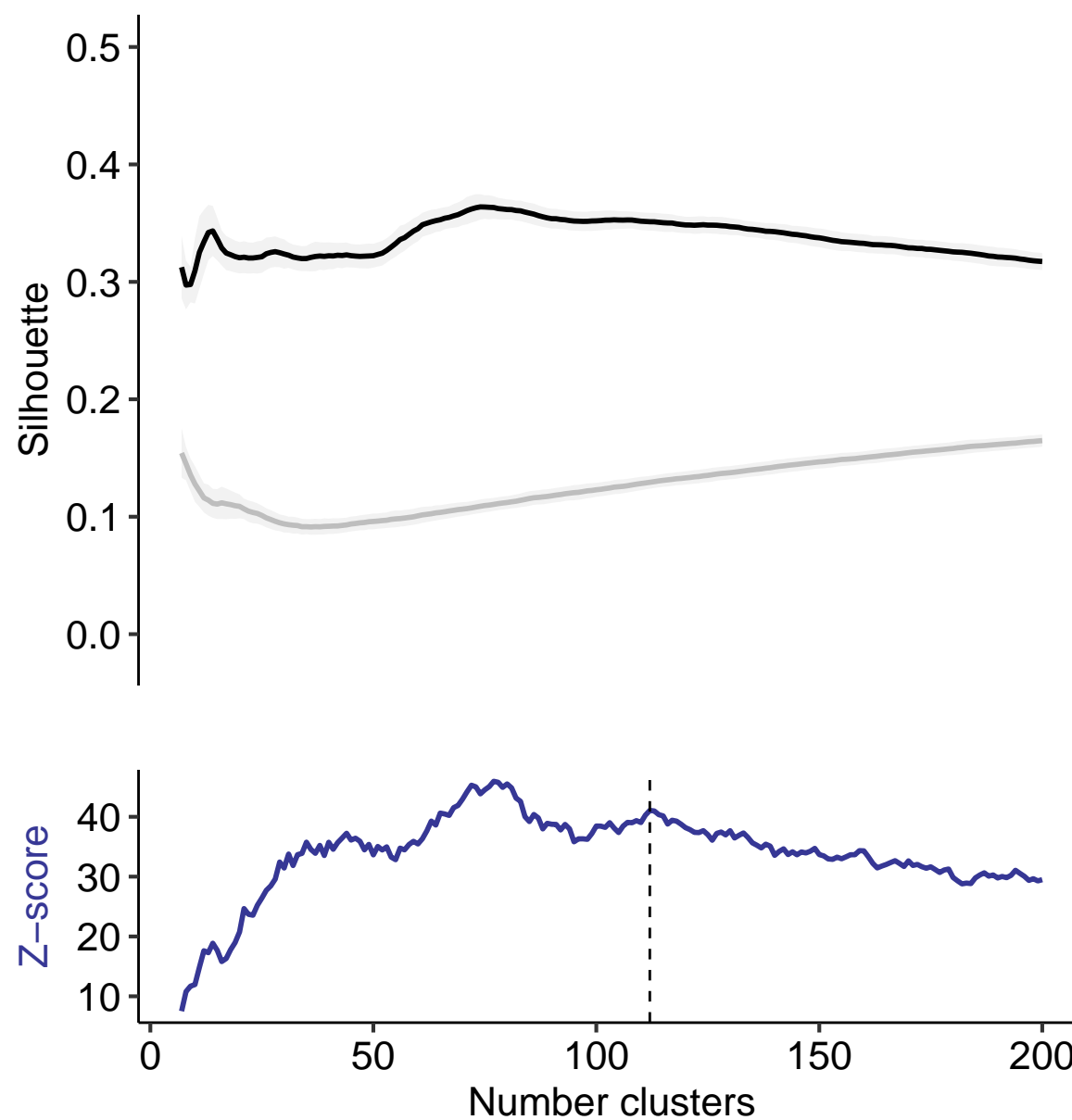
LPS and Citrate Signaling and Inflammation (k_{opt} = 112)



Gene Co-Expression Above Threshold

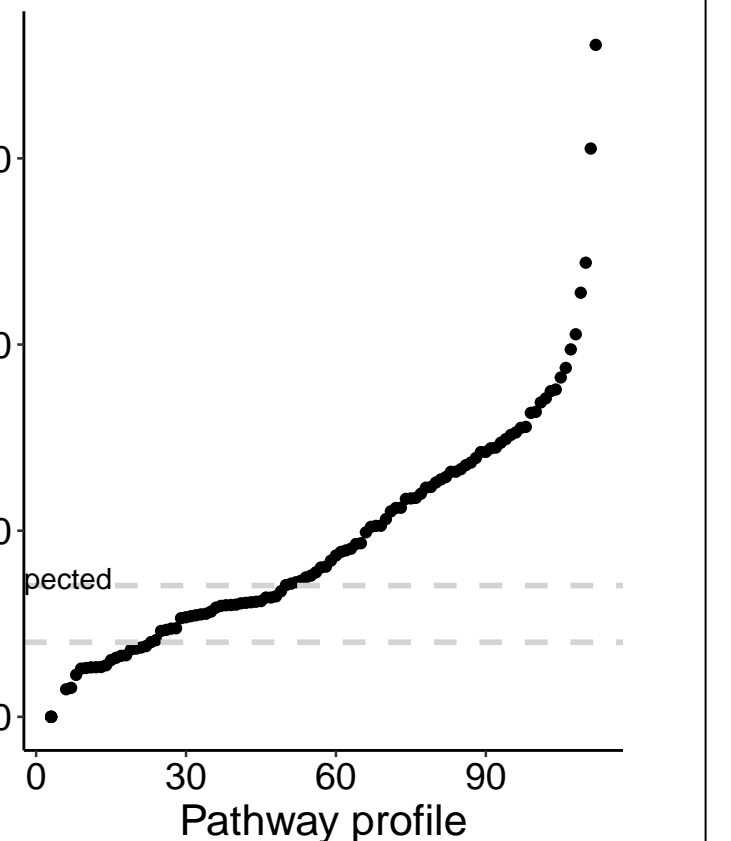


Silhouette and Z-score



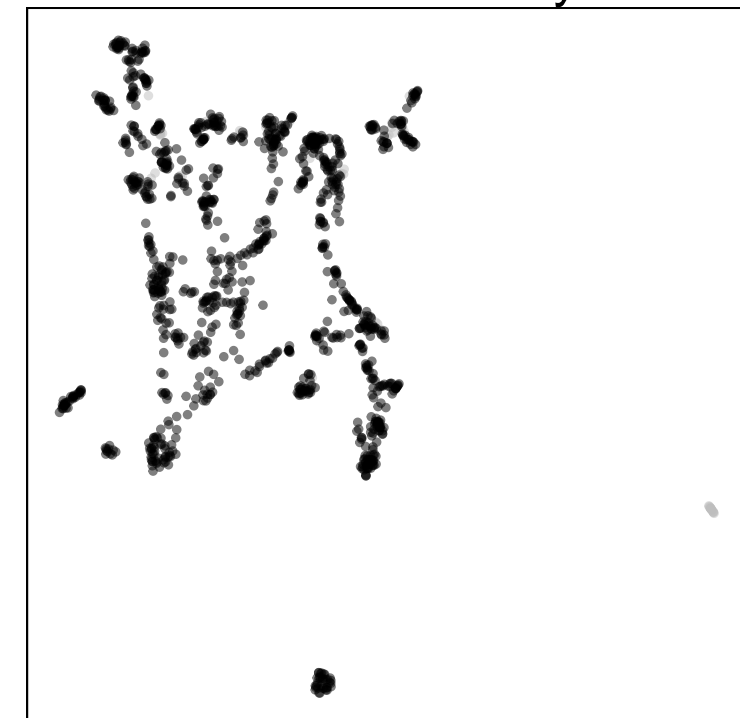
Number clusters

Profile Dispersion Plot

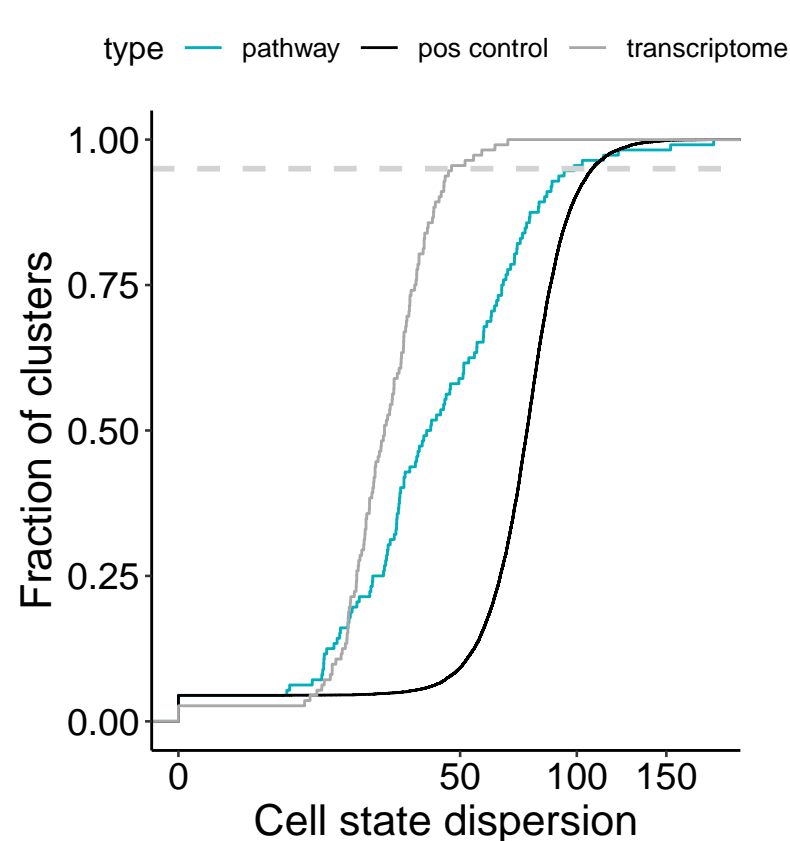


Pathway profile

Global UMAP: Pathway ON

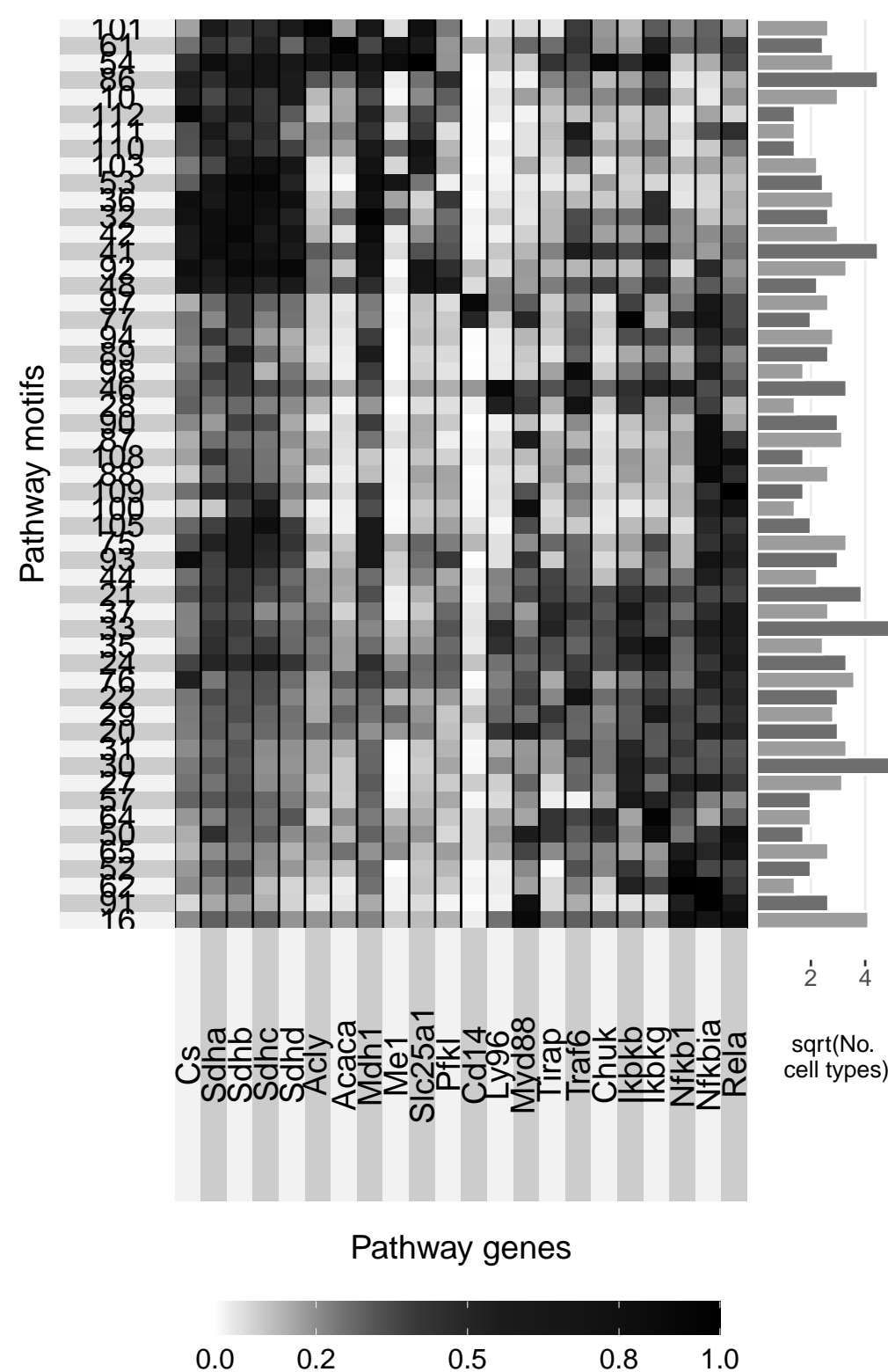


ECDF of Profile Dispersions

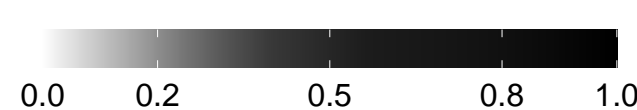


Cell state dispersion

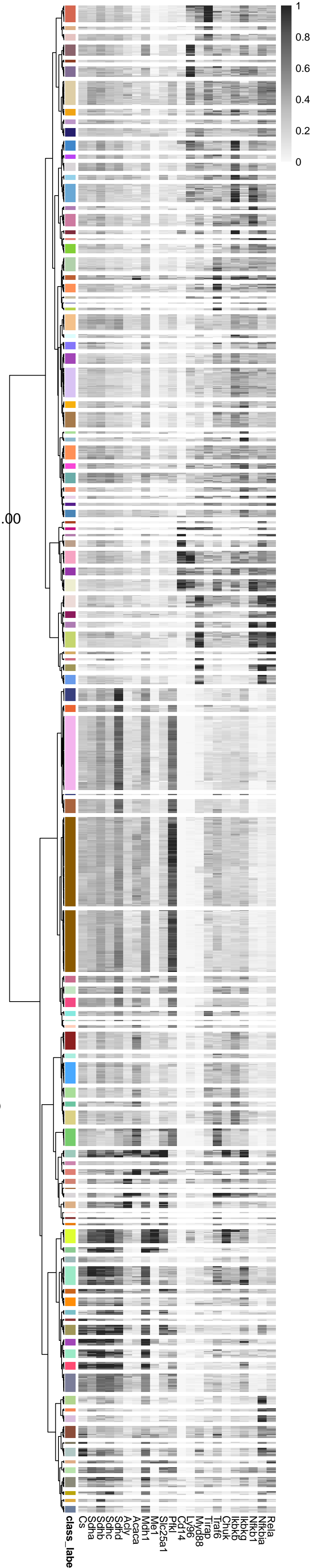
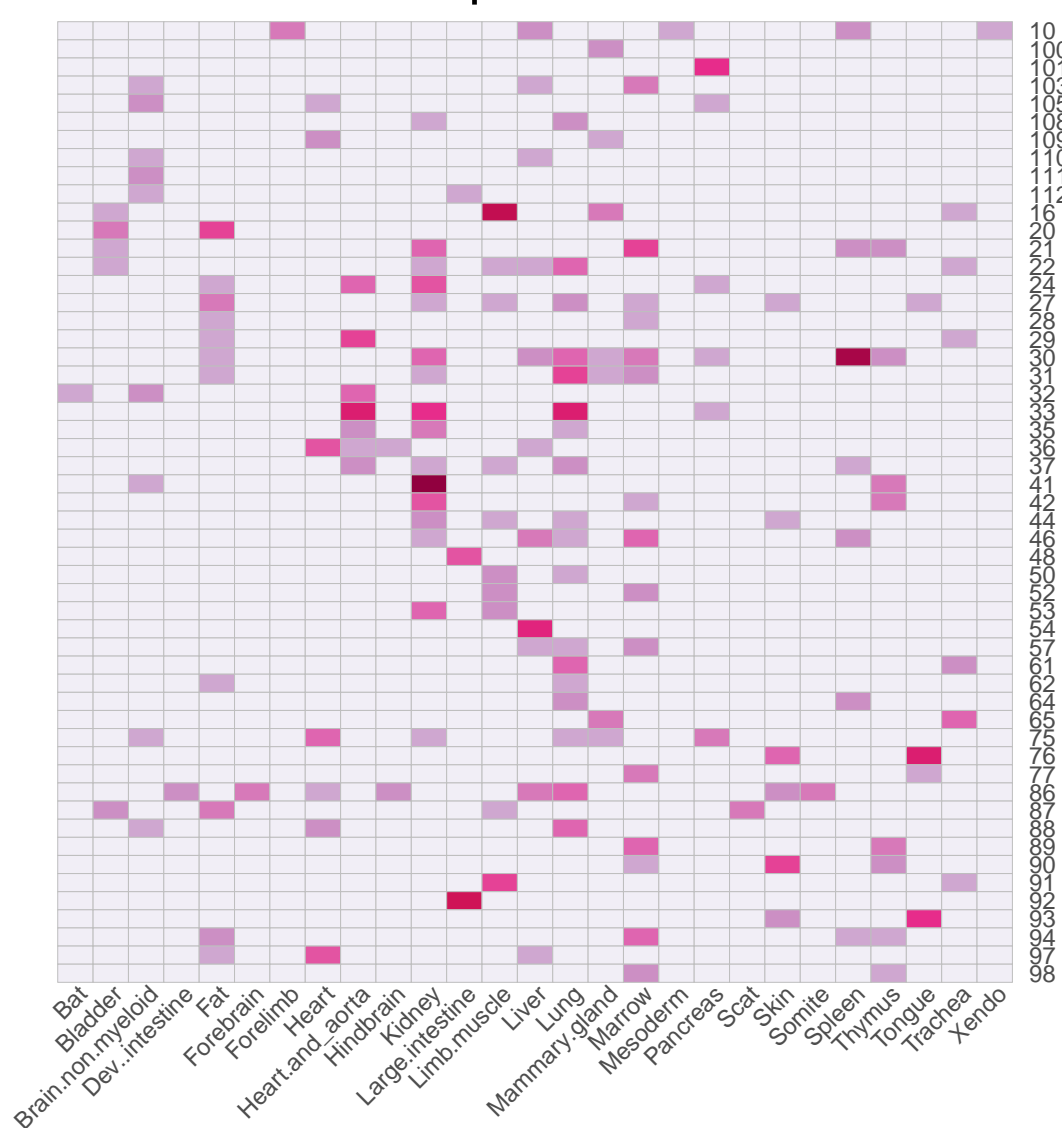
Motifs, Dispersion $\geq 90^{\text{th}}$ percentile



Pathway genes



Motif Tissue Composition



LPS and Citrate Signaling and Inflammation (k_opt = 112)

