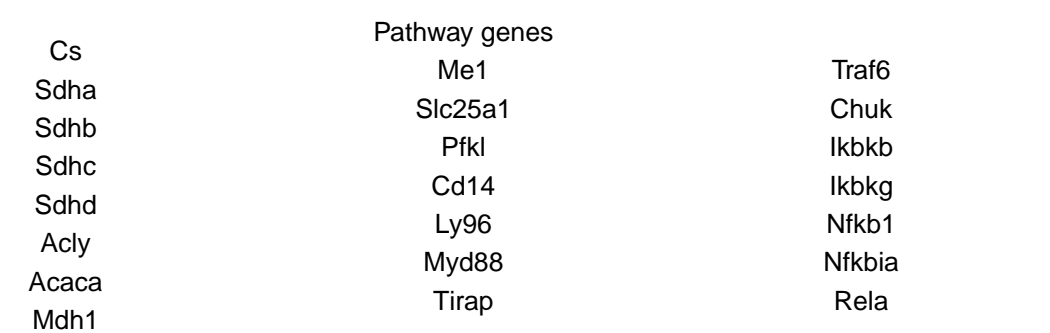
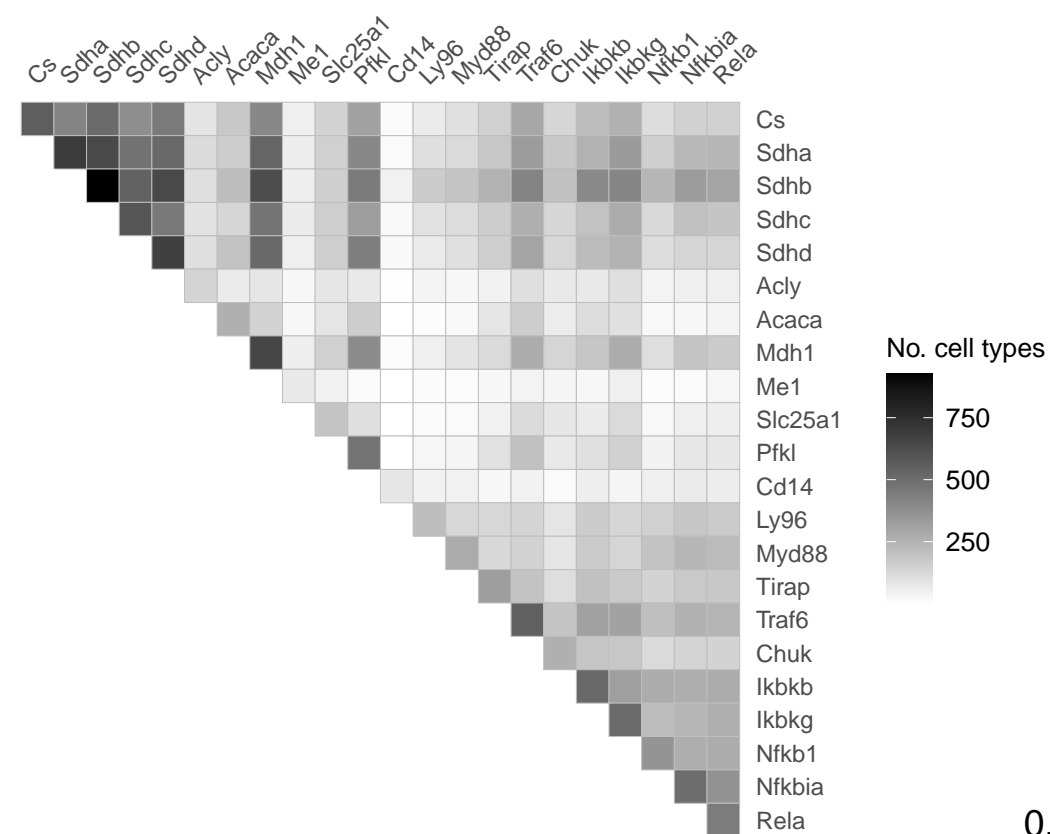


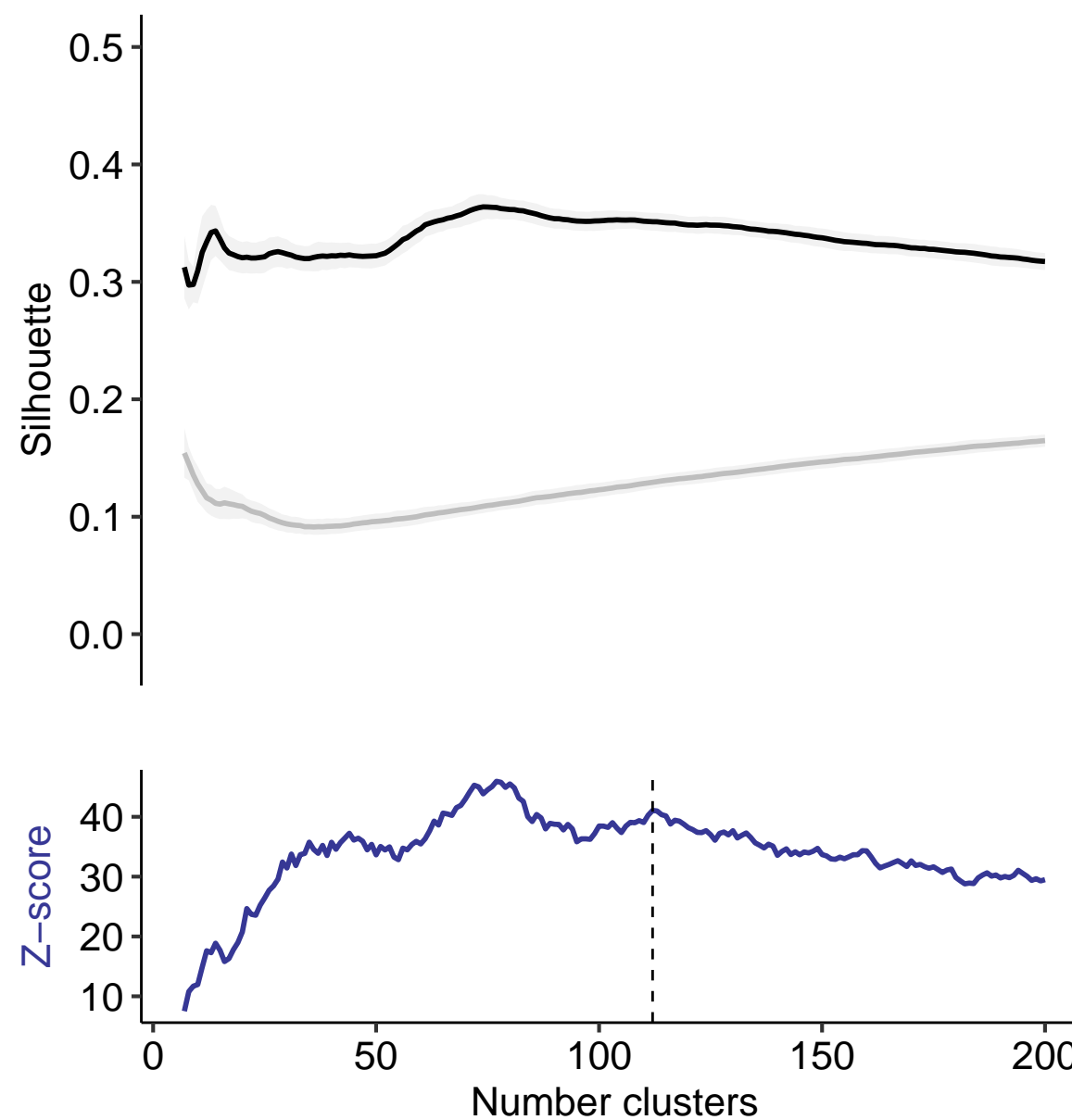
## LPS and Citrate Signaling and Inflammation (k\_opt = 112)



## Gene Co-Expression Above Threshold

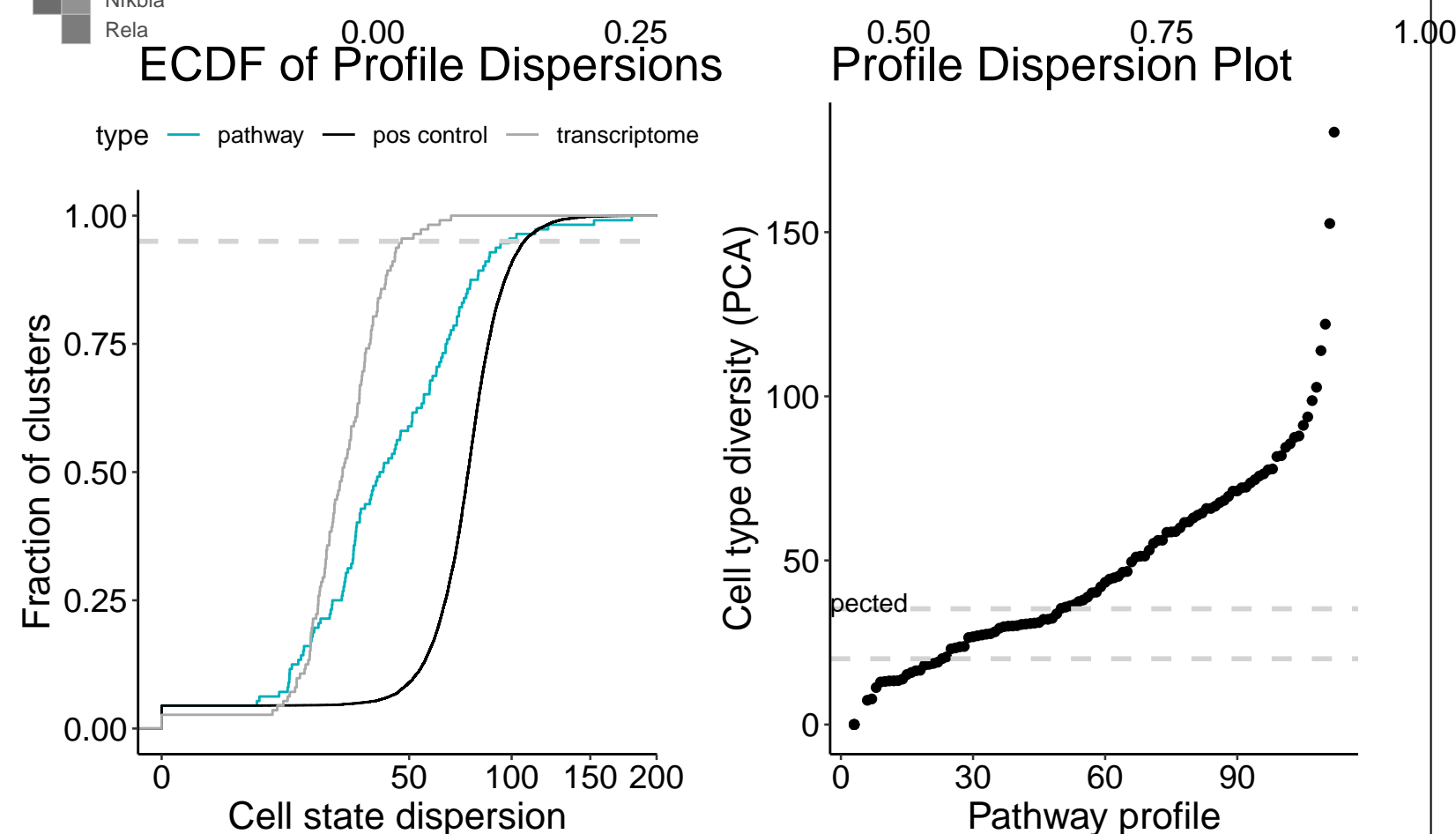


### Silhouette and Z-score



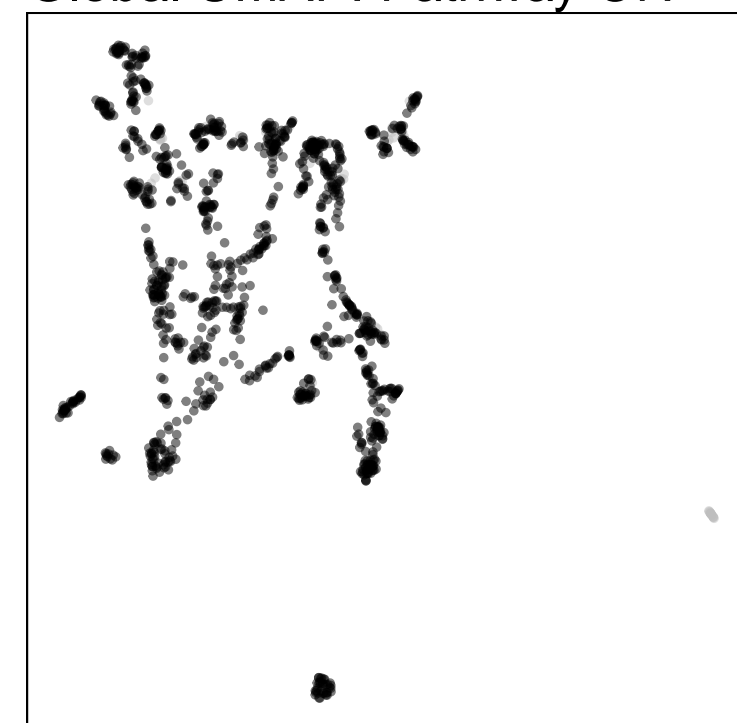
Number clusters

### Profile Dispersion Plot



### Pathway profile

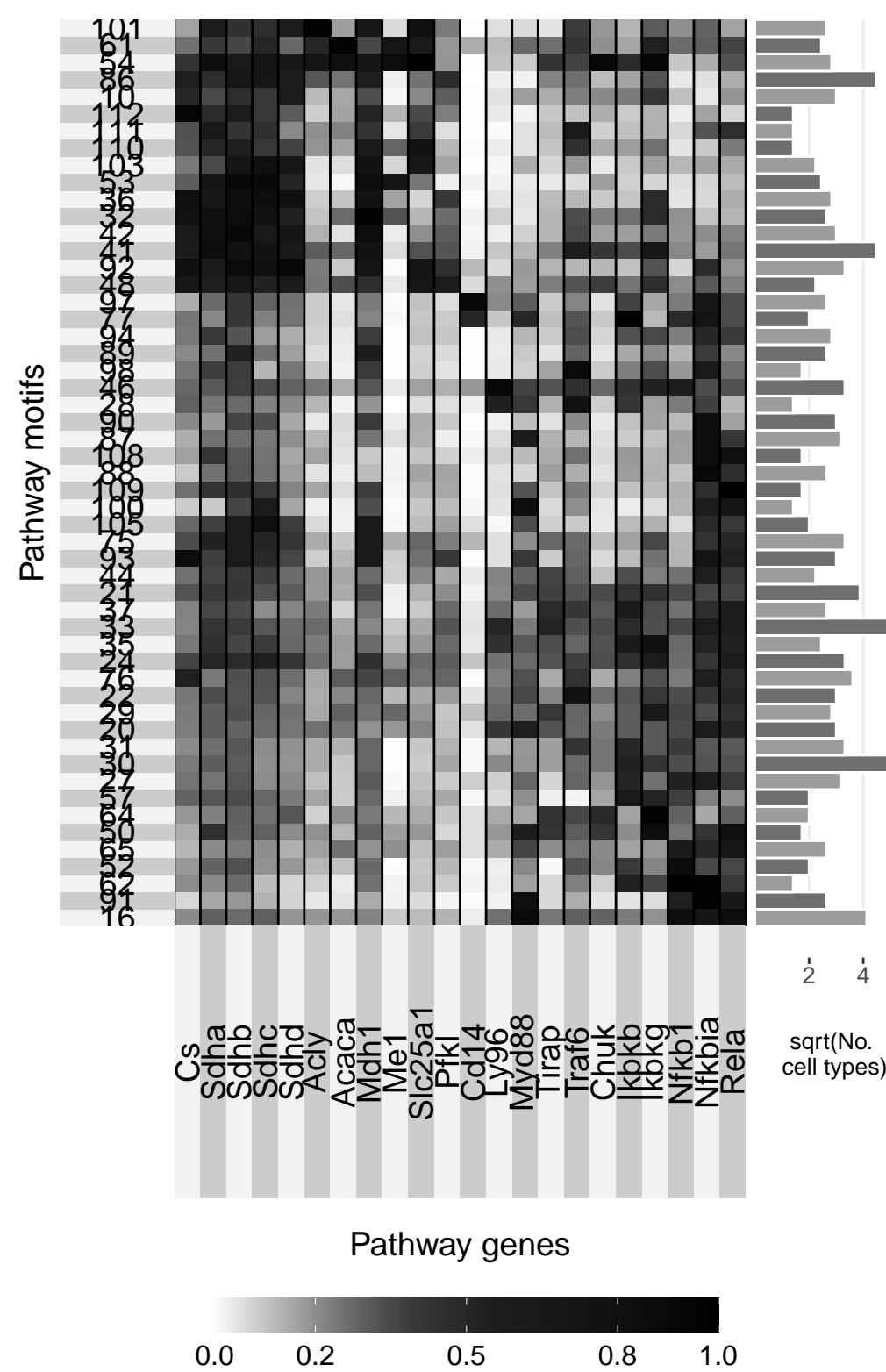
### Global UMAP: Pathway ON



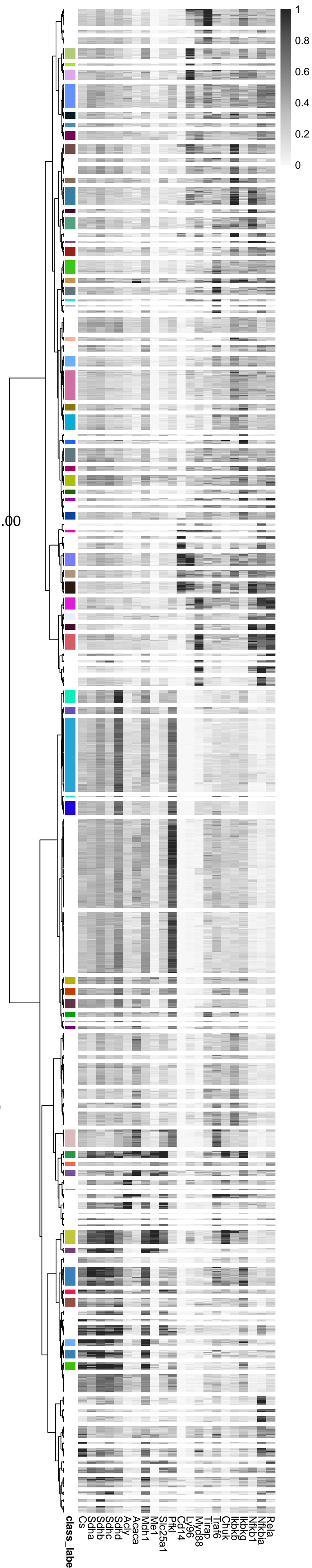
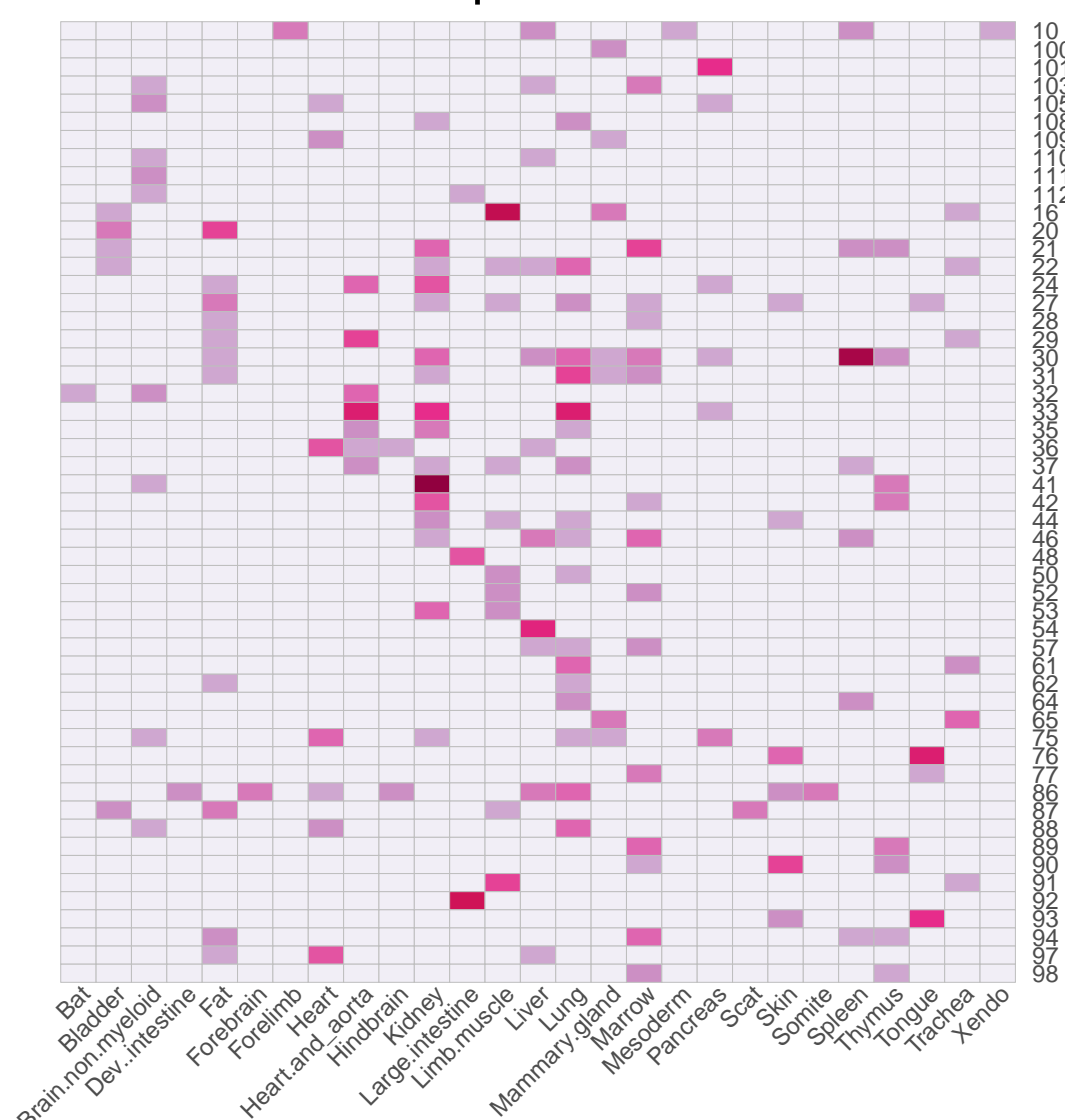
ECDF of Profile Dispersions

### Profile Dispersion Plot

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



## Motif Tissue Composition



# LPS and Citrate Signaling and Inflammation (k\_opt = 112)

