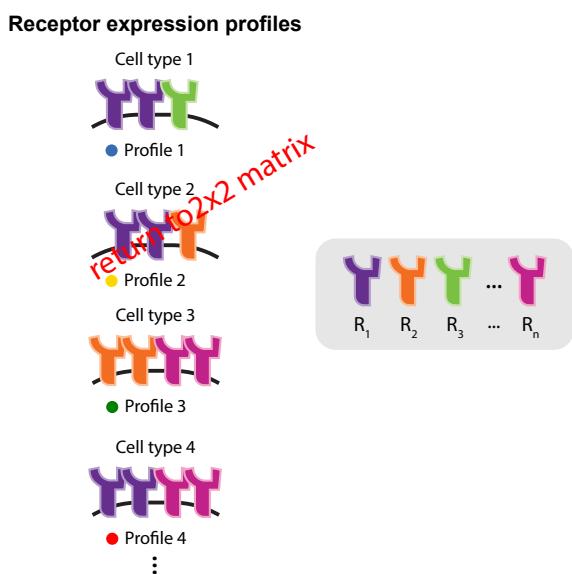
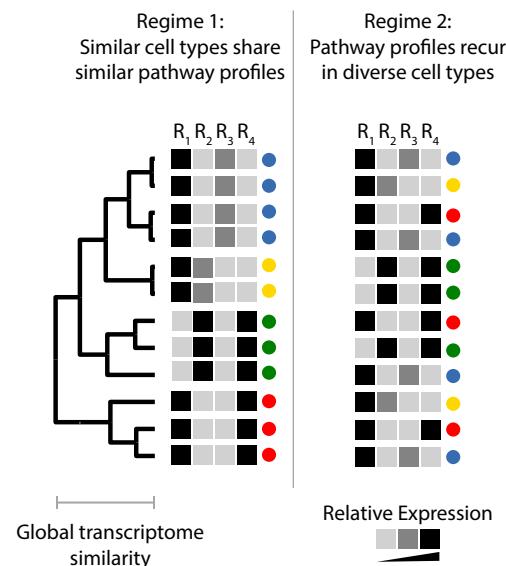


Figure 1: Pathway expression profiles could recur across diverse cell types

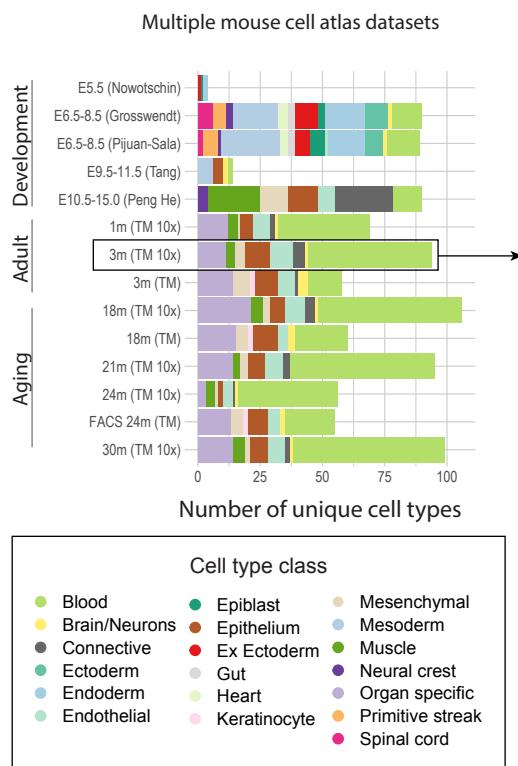
A



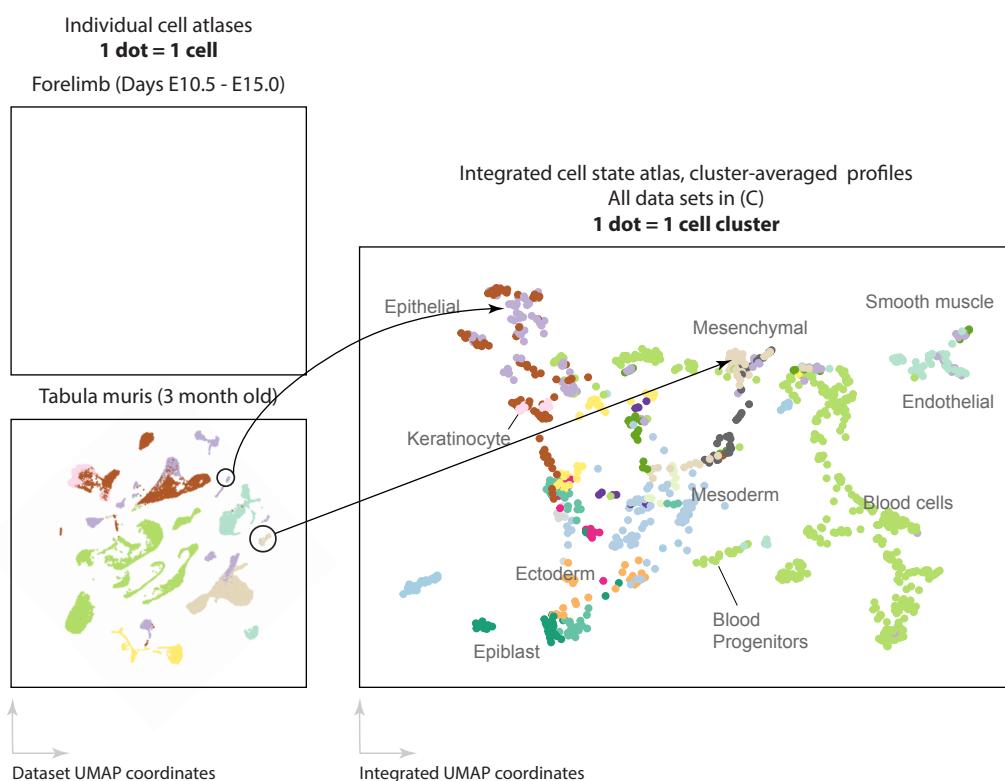
B



C



D



Add Alejandro's analysis that cell types of the same class are more similar to each other than to other cell types --> matrix + dendrogram
- what genes should this be based on?

should we add other pathways, or only our favorites

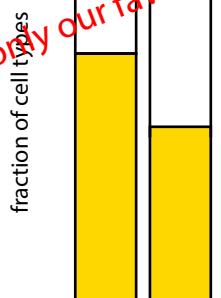


Figure 2

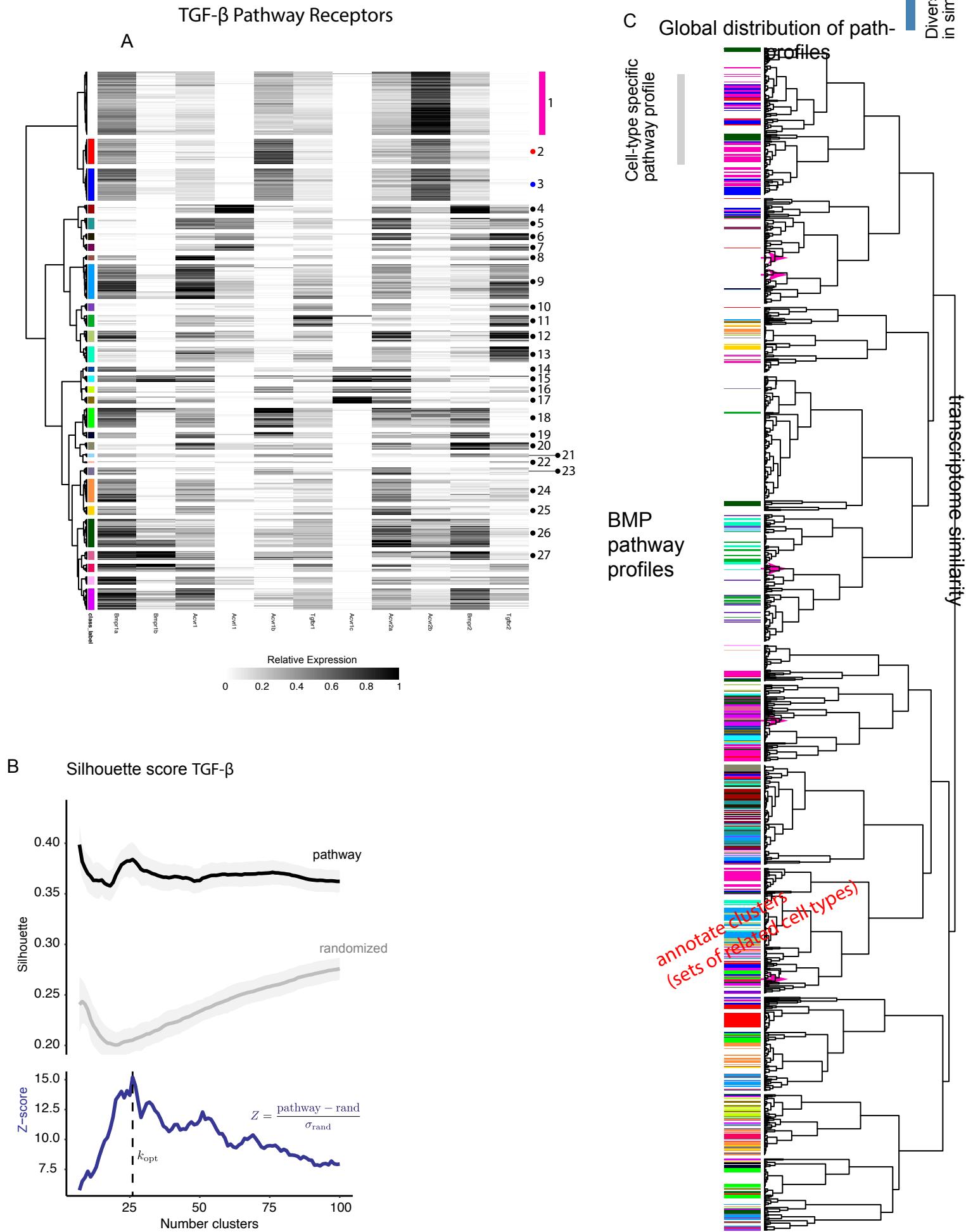
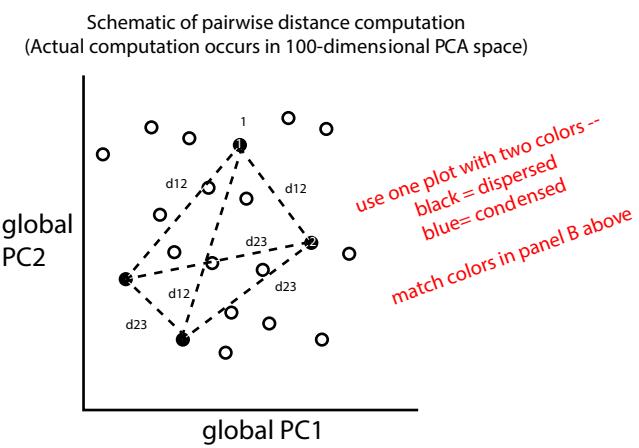
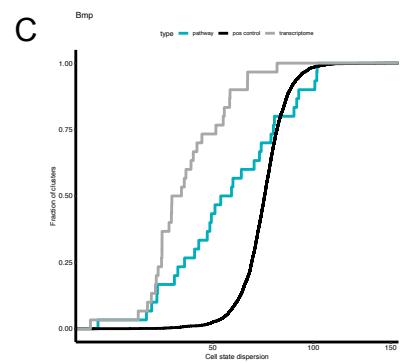


Figure 3: Some TGF- β motifs are expressed across diverse tissues and organs

A

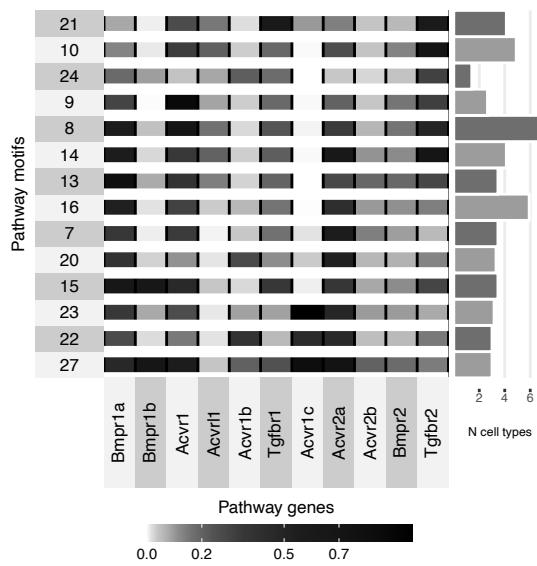


Number of cell types with TGF- β profile



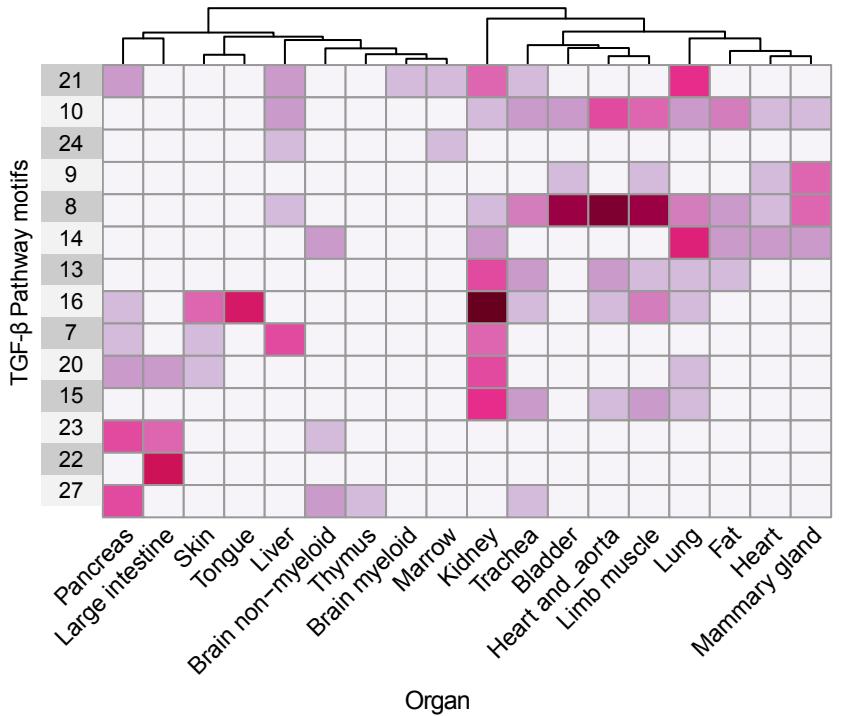
D

Broadly Dispersed TGF- β Motifs



E

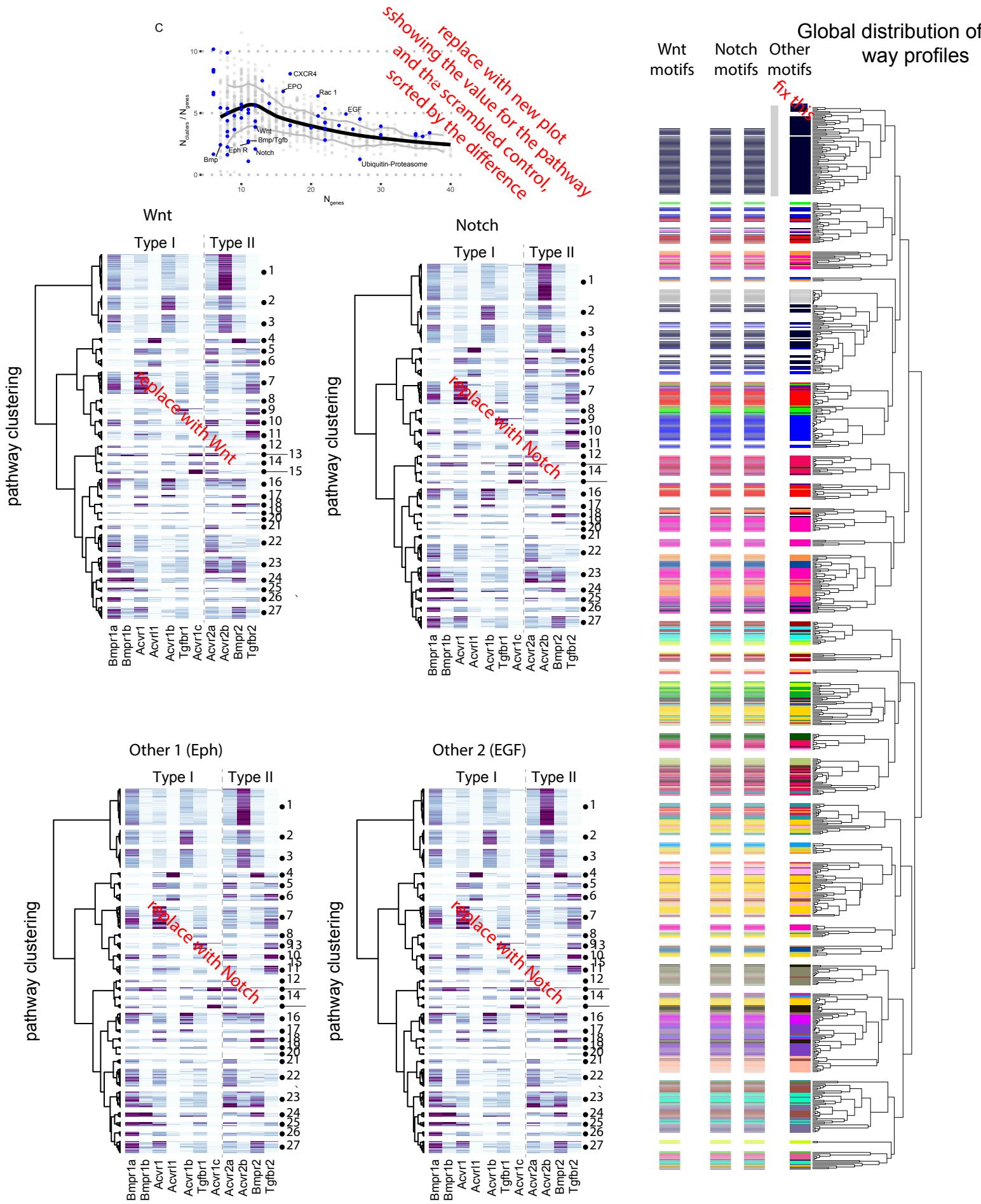
Broadly Dispersed TGF- β Motifs



Add some cool examples?

is it possible that epithelial or mesenchymal cells in different tissues tend to share the same profile?

Figure 4: Wnt and Notch also show broadly dispersed recurrent pathway expression motifs



Pathway-pathay correlations

mutual info matrix

