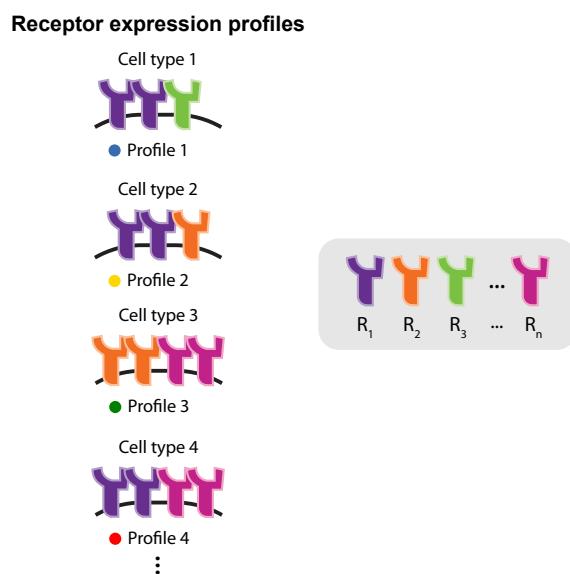
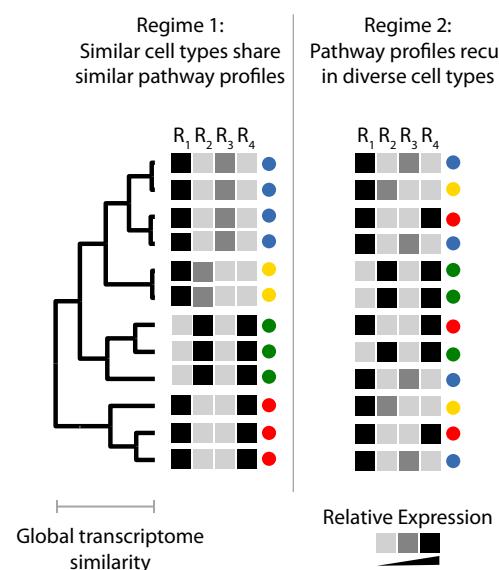


Figure 1: Pathway expression profiles could recur across diverse cell types

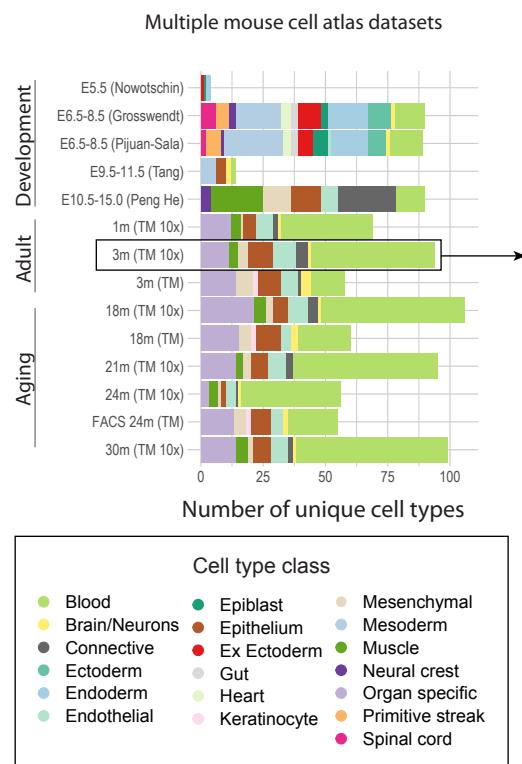
A



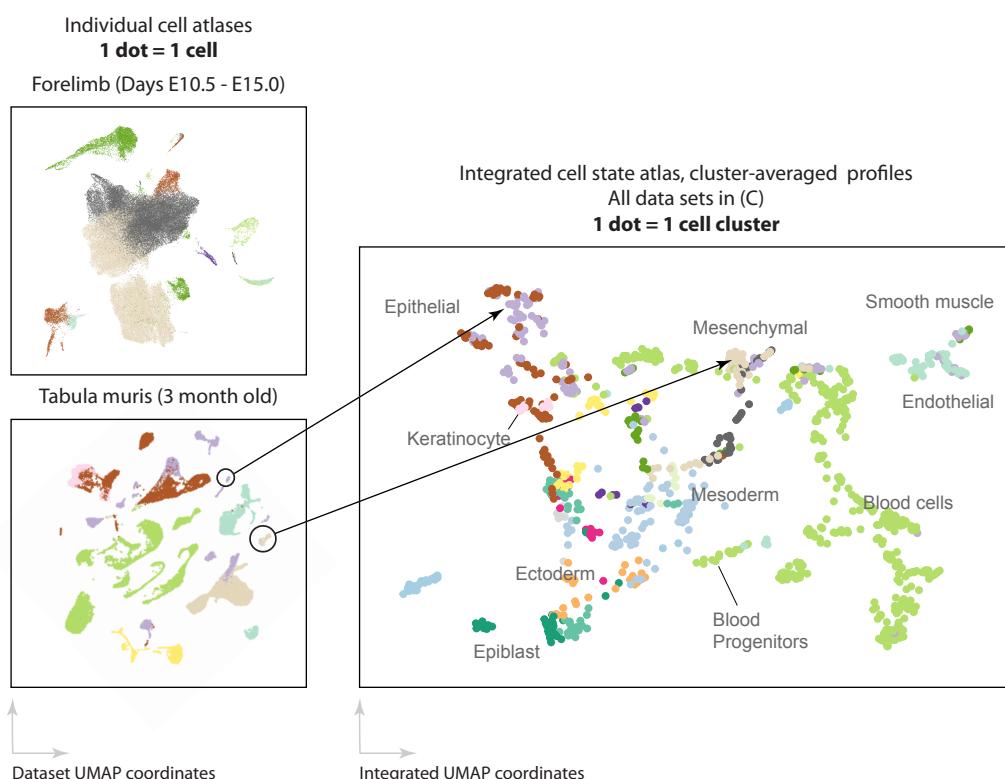
B



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?

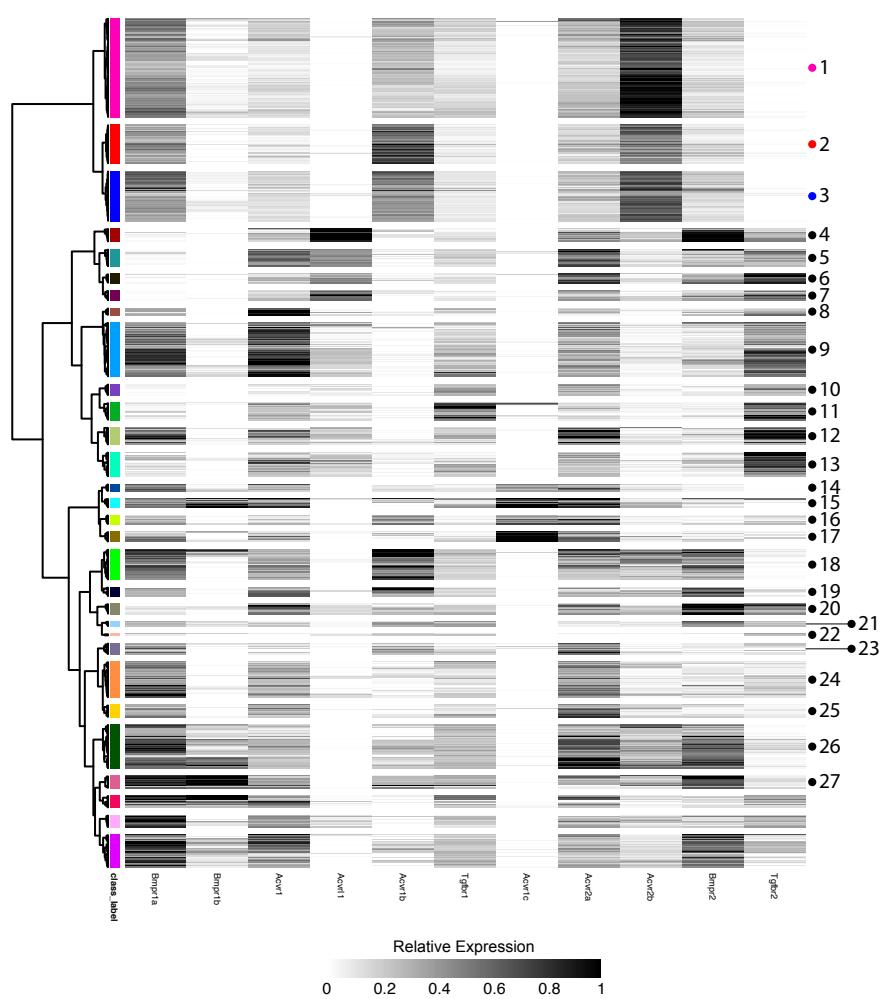
should we add other pathways, or only our favorites

fraction of cell types

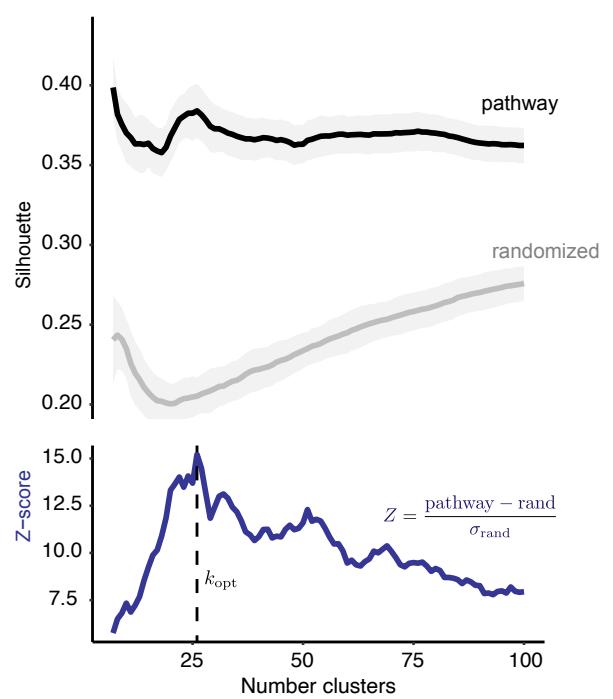
Figure 2

TGF- β Pathway Receptors

A



Silhouette score TGF- β



Global distribution of pathway profiles

Cell-type specific
pathway profile

BMP
pathway
profiles

transcriptome similarity

Diverse profiles
in similar cell types

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

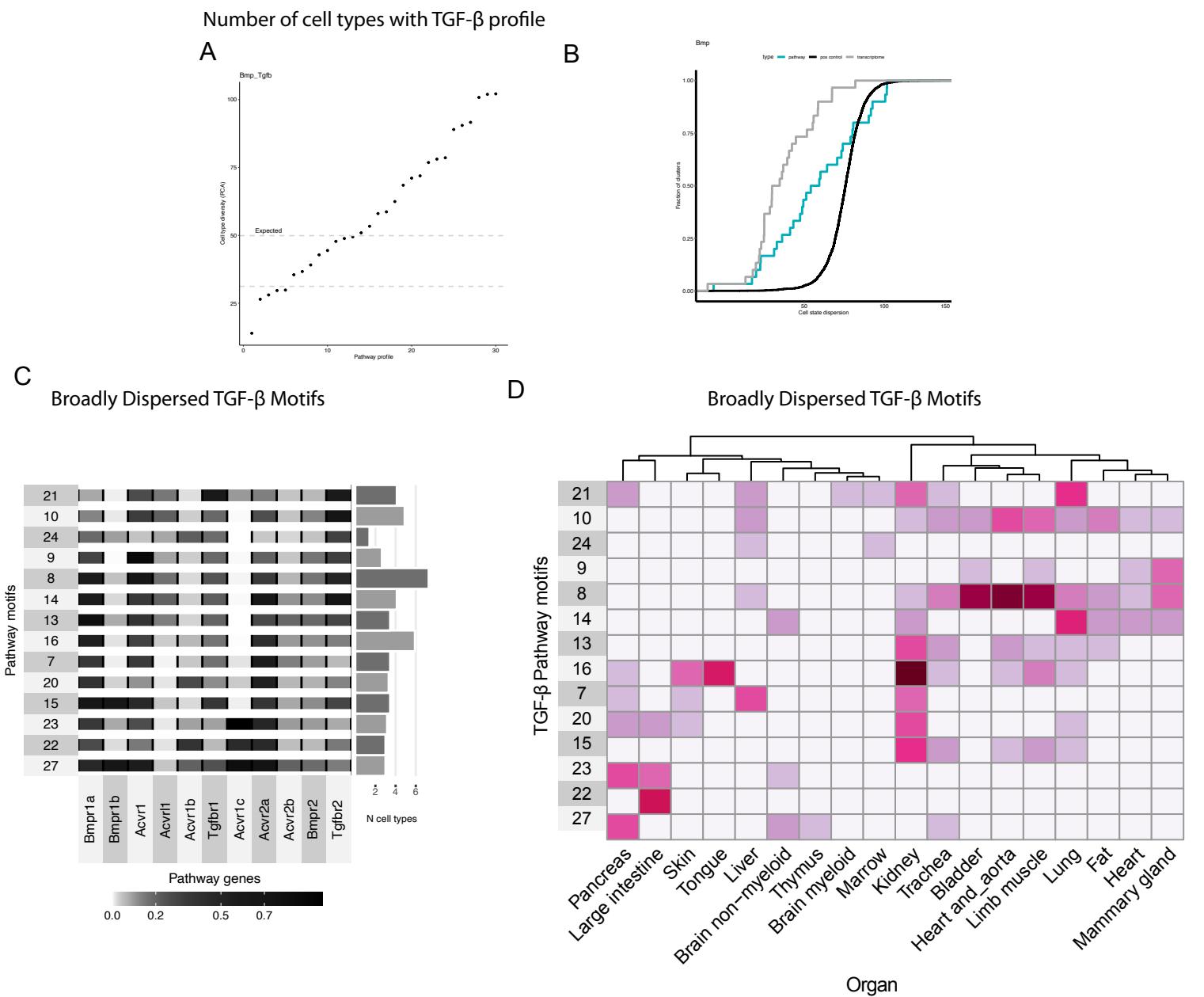
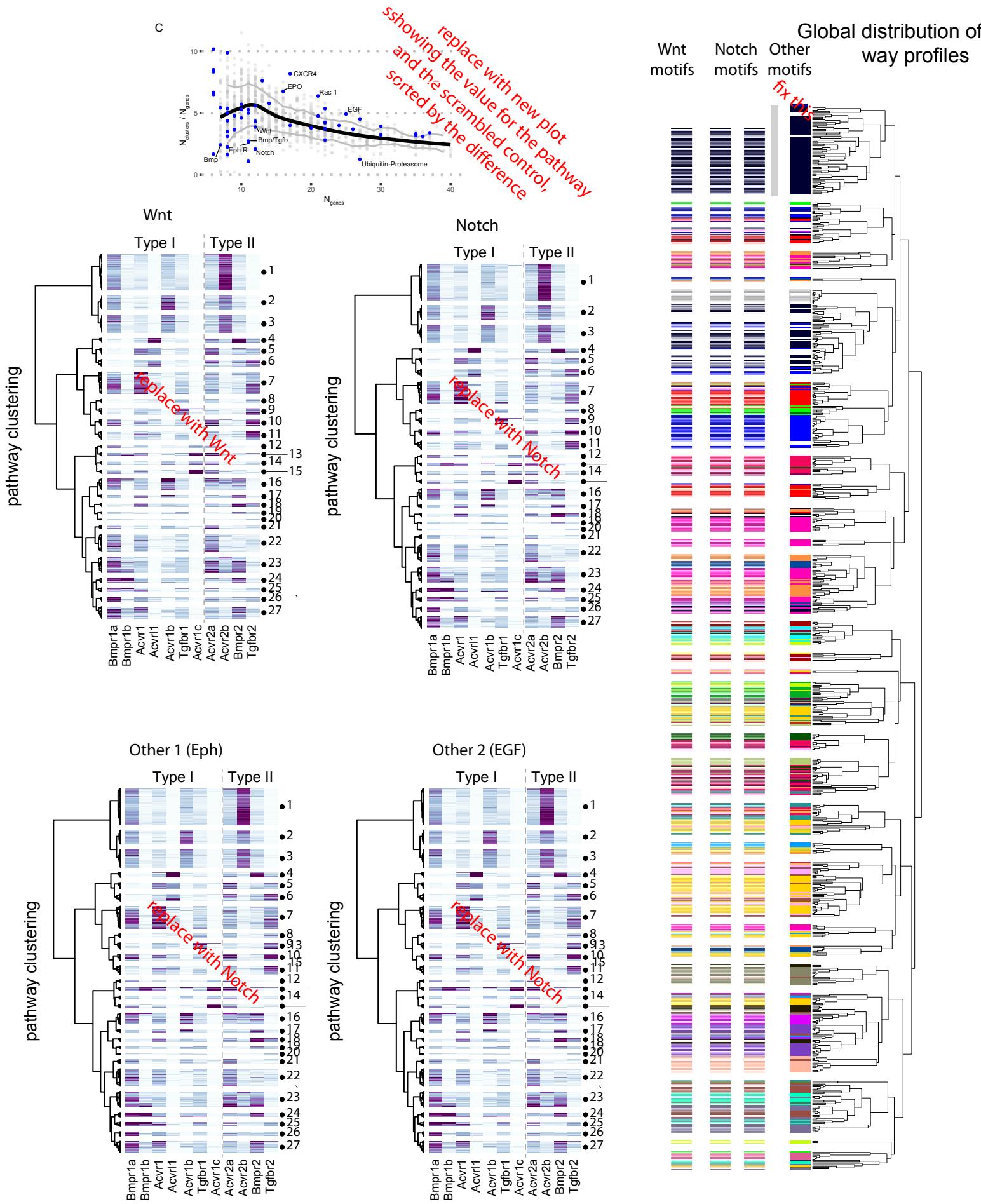


Figure 4: Wnt and Notch also show broadly dispersed recurrent pathway expression motifs



Pathway-pathay correlations

mutual info
matrix

