

PCR fragment size obtained for the different strains

Strain	SL-IRAC	24Sα-rDNA	A10	DTU
Dm28c (Reference)	150	-	-	TcI
Y (Reference)	157	140	580	TcII
AM64 (Reference)	200	140	-	TcIV
Garbani	157	140	525	TcVI
Tc GI	157	125	-	TcV
Tc KR	157	125	-	TcV
Tc LU	157	125	-	TcV

Figure S1. Molecular typification of the different *T. cruzi* strains by PCR method described by Cura et al., 2015

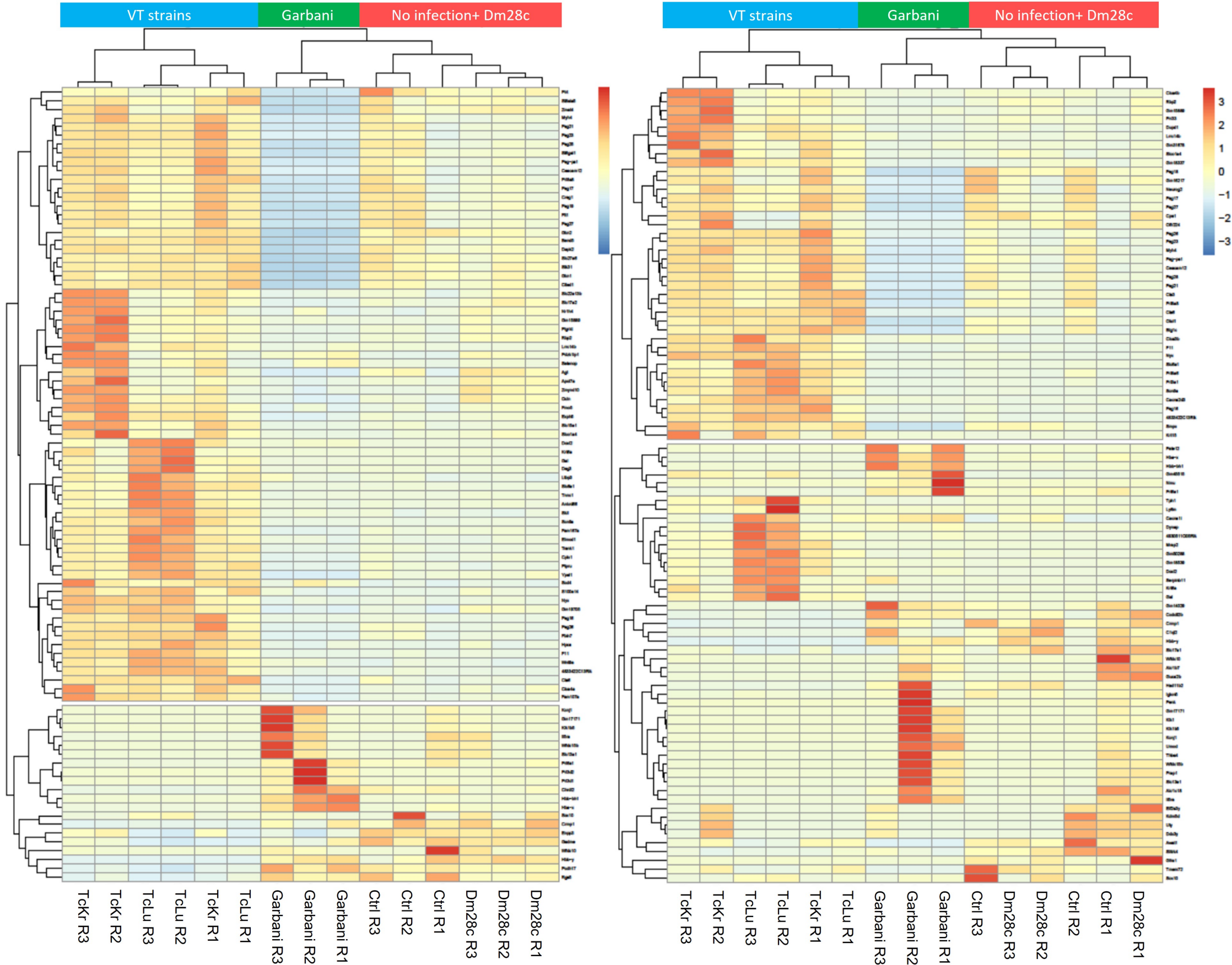


Figure S2. Cluster analysis showing normalized read counts for the top 30 more significant DEGs (left) and top 30 genes that change the most (right) in the different biological replicates within each experimental group.



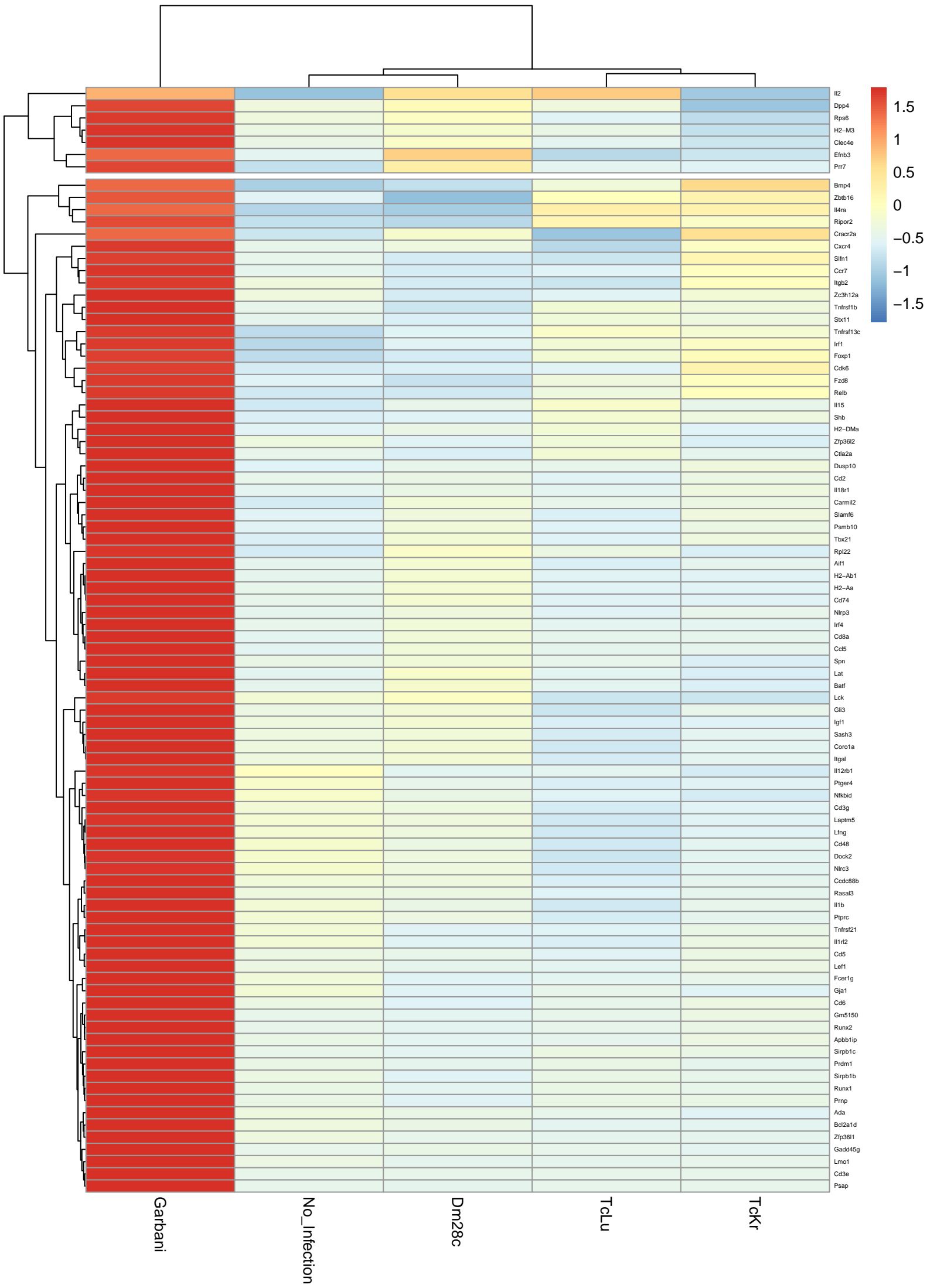
## **Supplementary figure 4.**

**Heatmaps represent row scaled normalized mean (biological replicates) read count values for each strain infected placenta. Each heatmap shows the behavior of all genes from a selected pathway.**

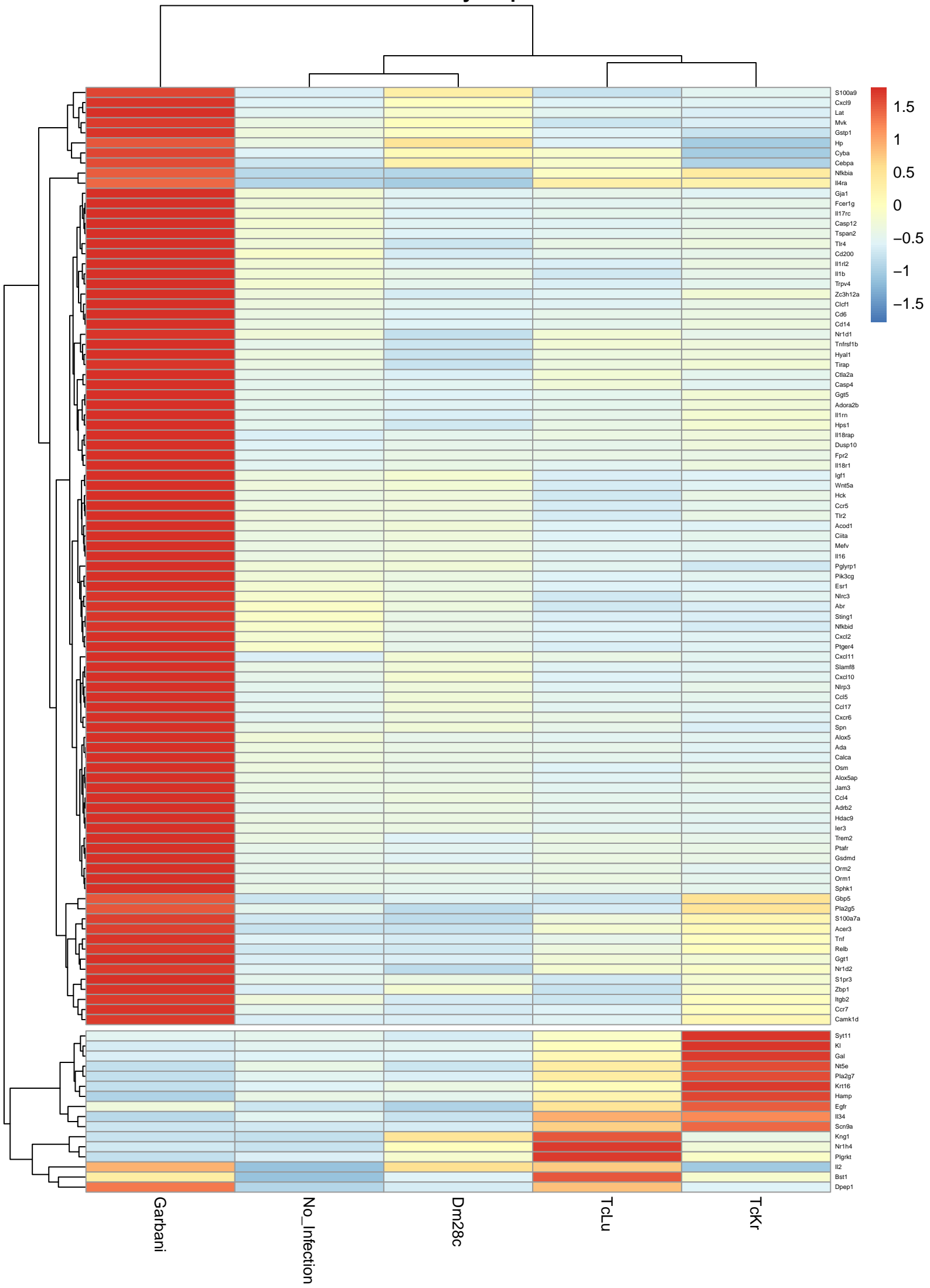
- 1. Immune response (blue box indicates genes related to tolerance and anti-inflammatory processes, upregulated in VT strains)**
- 2. T-cell activation**
- 3. Inflammatory response**
- 4. Cell junctions**
- 5. Cell cycle and other related**
- 6. Mitotic cell cycle process**
- 7. Cell projections and morphogenesis**
- 8. Import to the cell**
- 9. Positive regulation of secretion and import**
- 10. Positive regulation of secretion**
- 11. Ribosomal cytoplasmatic proteins**



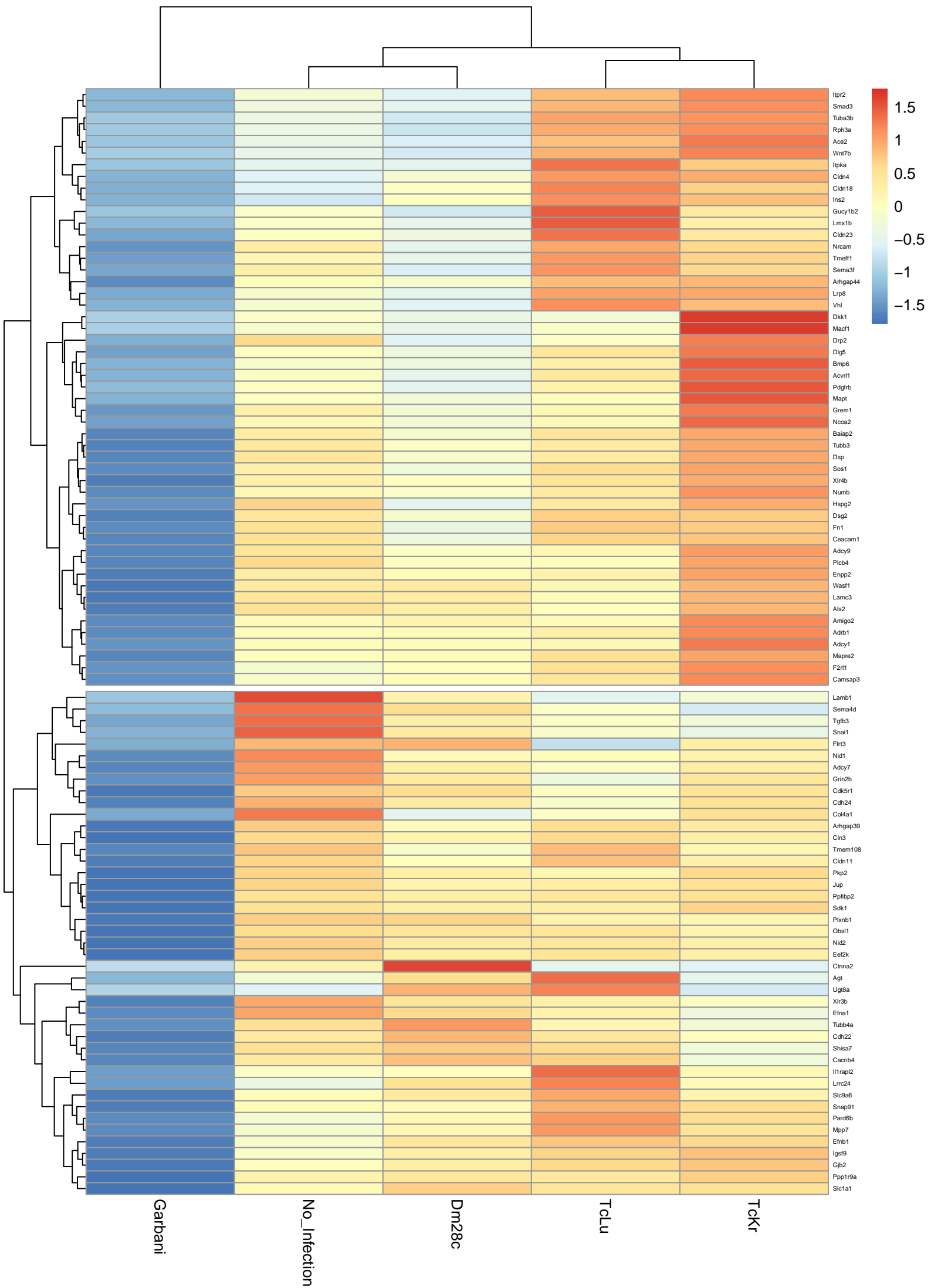
# T-Cell activation



# Inflammatory response

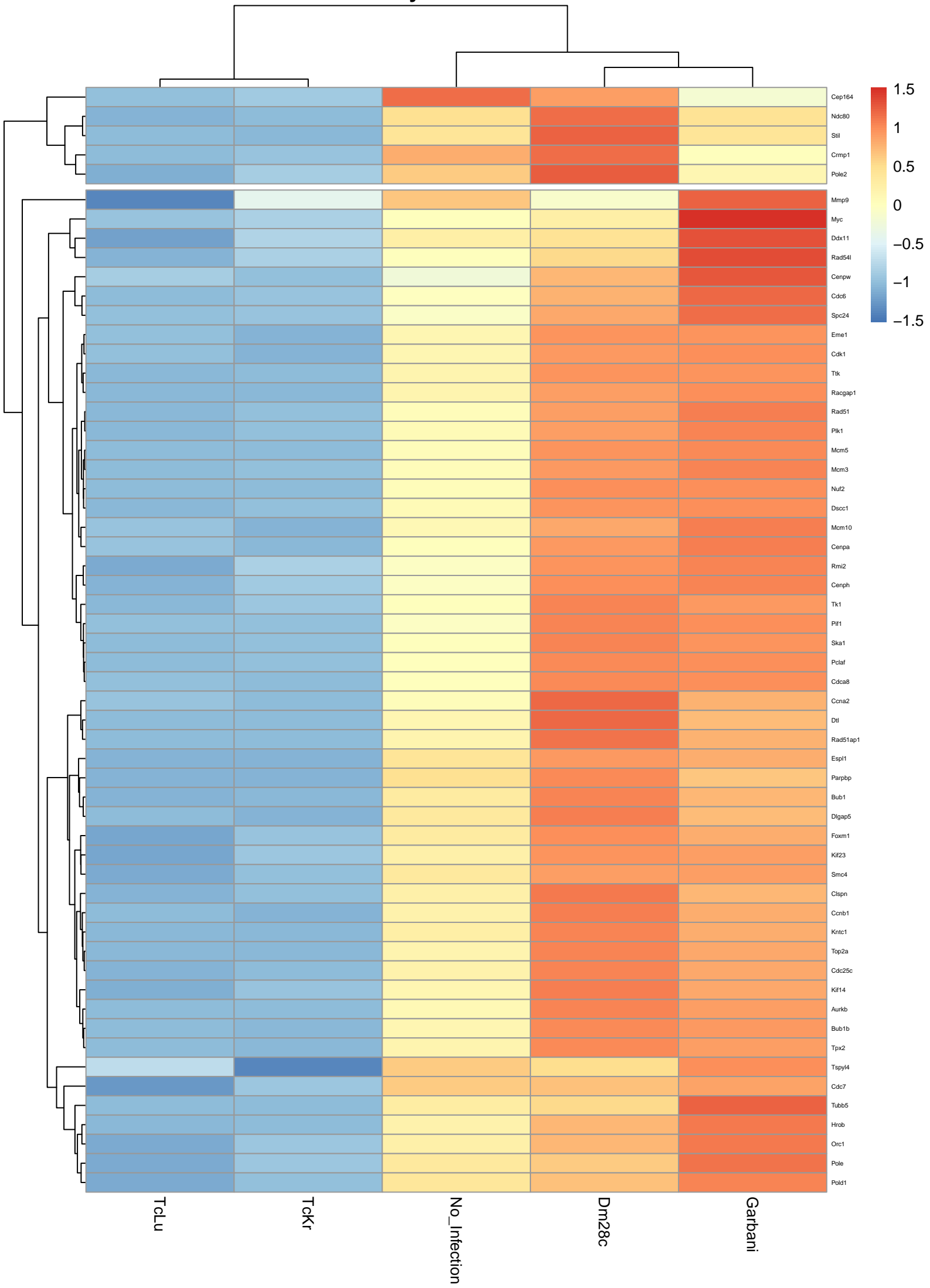


# Cell Junctions

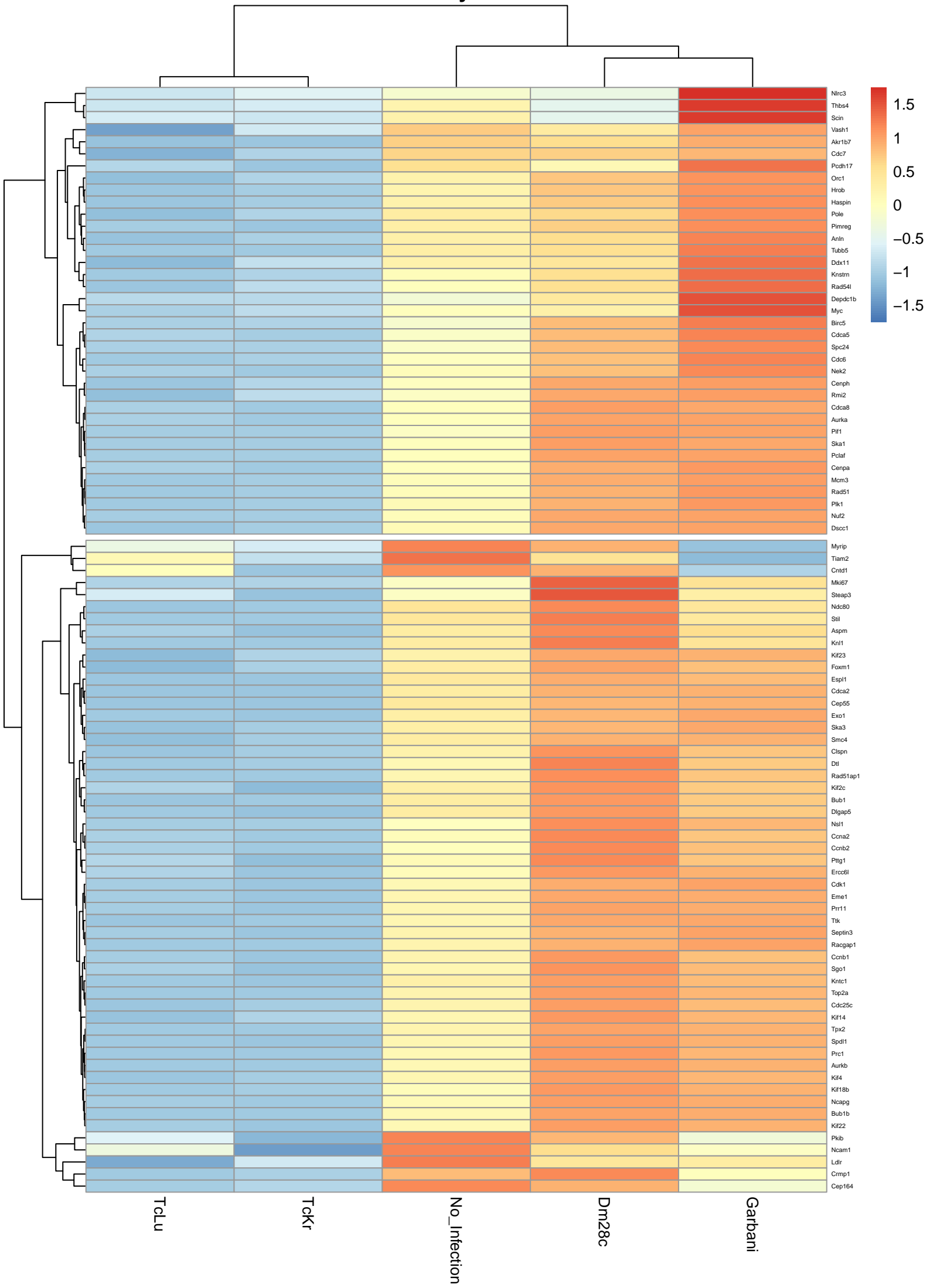




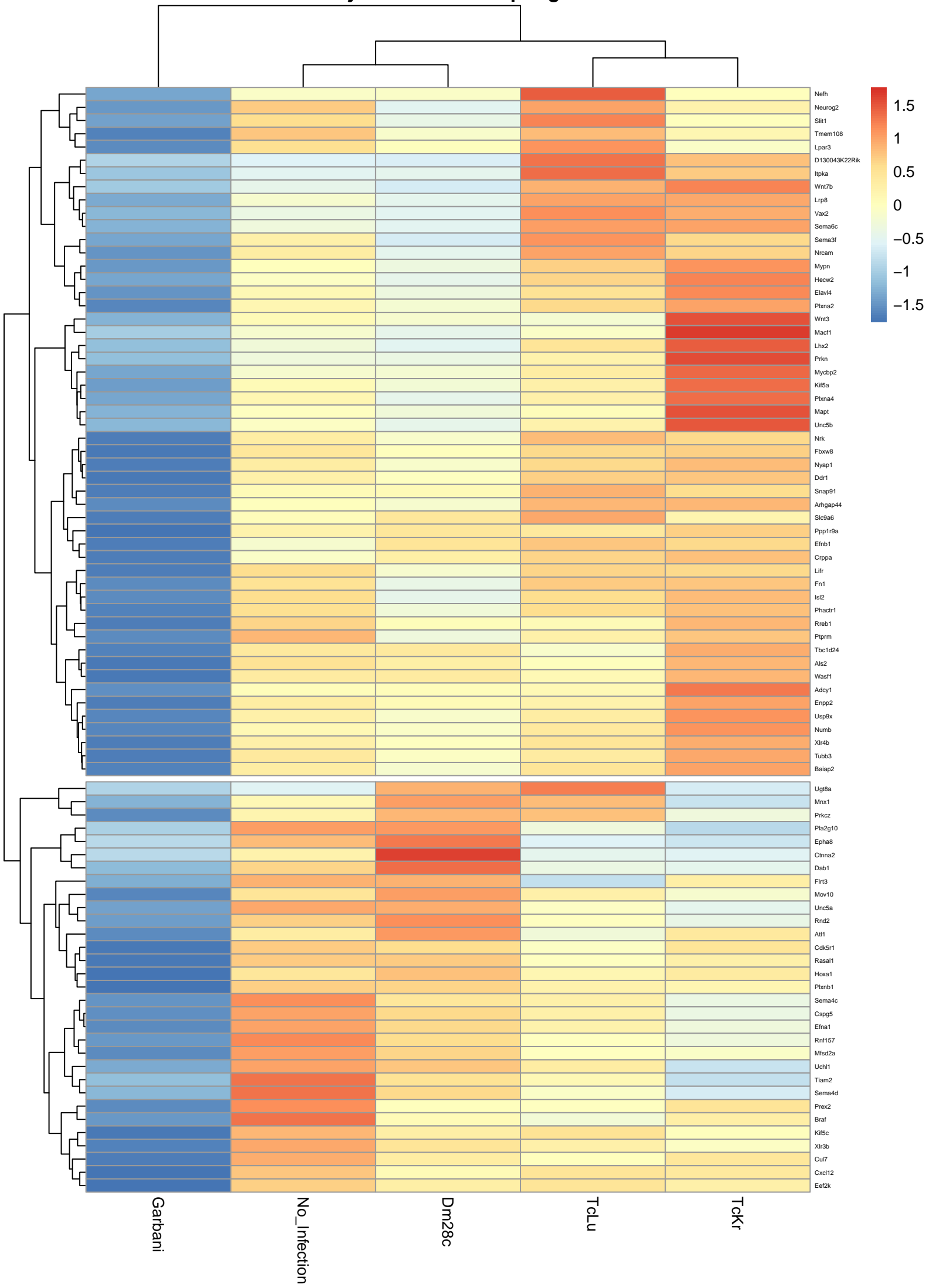
# Cell Cycle and Others



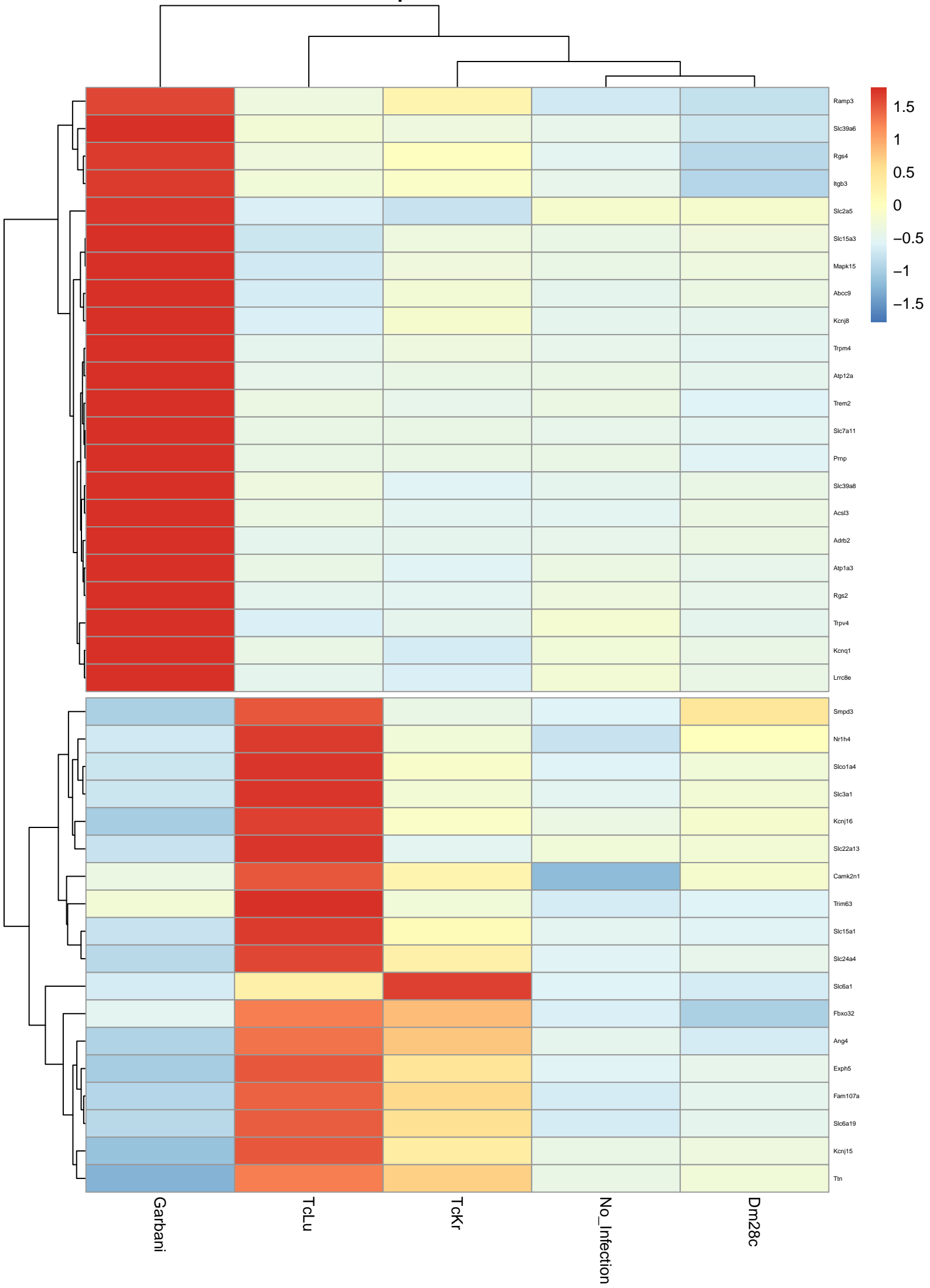
# Mitotic Cell Cycle Process



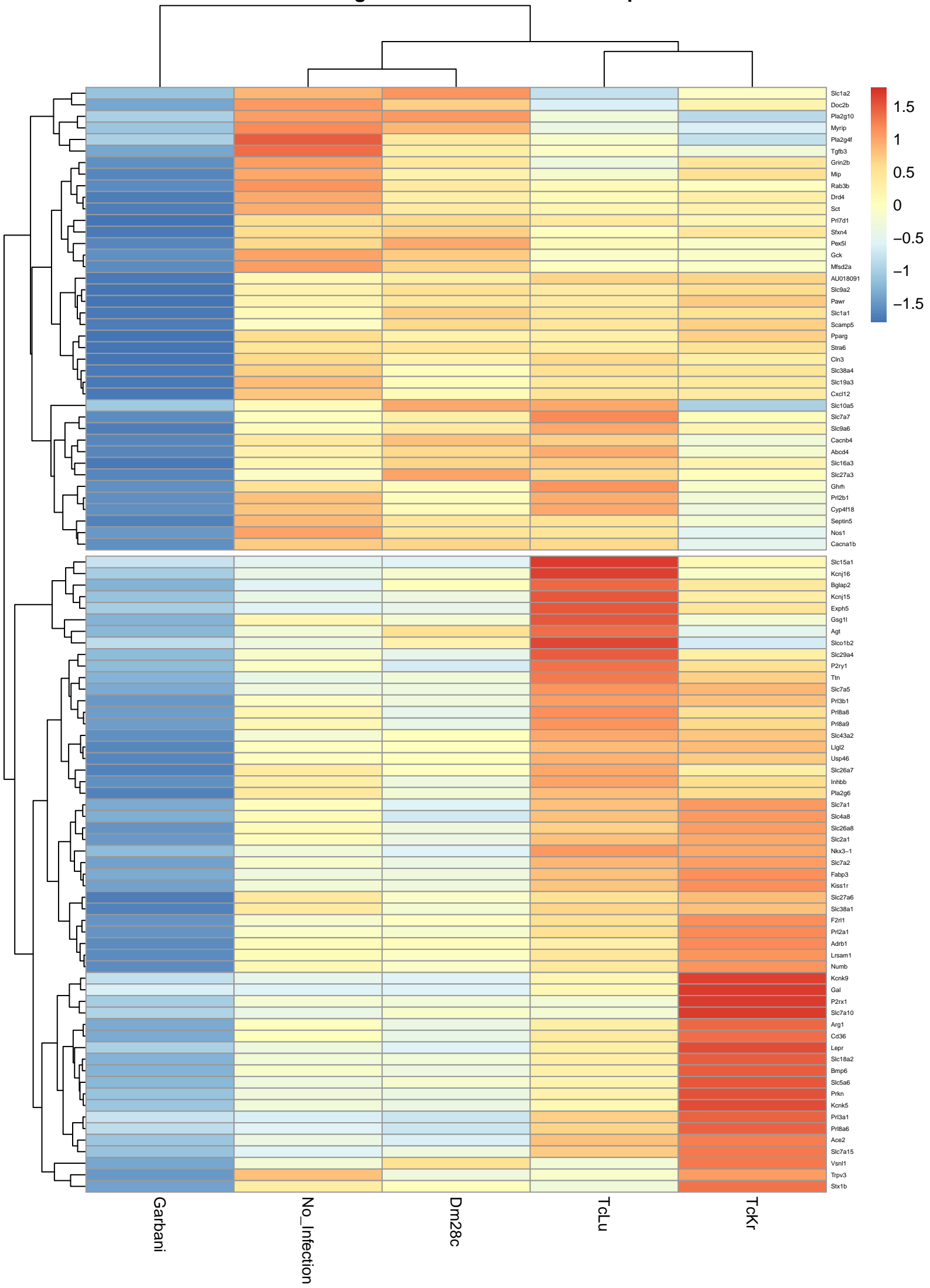
# Cell Projections and Morphogenesis



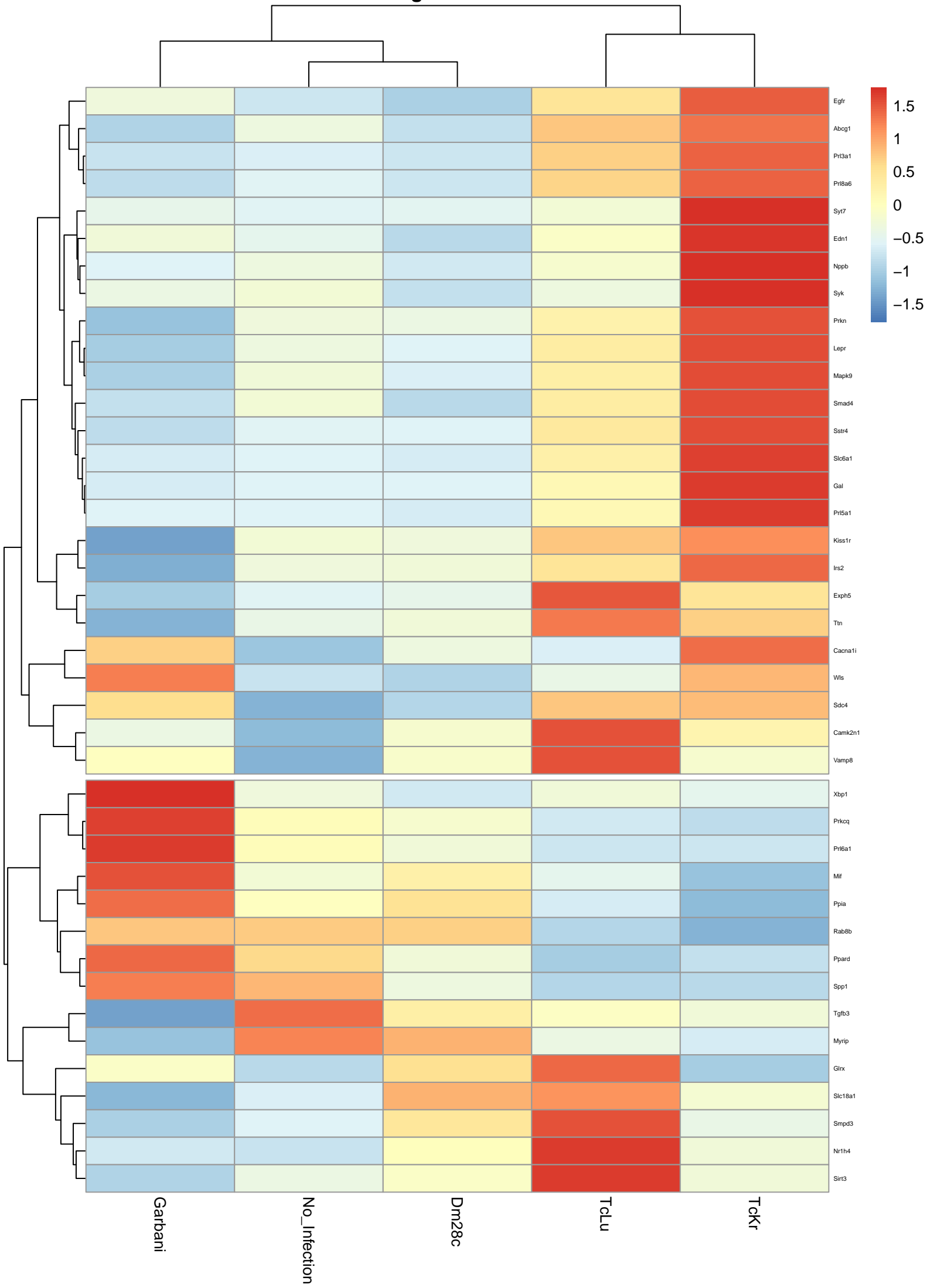
# Import to the Cell



# Positive Regulation of Secretion and Import



# Positive Regulation of Secretion



# Ribosomal Cytoplasmatic proteins

