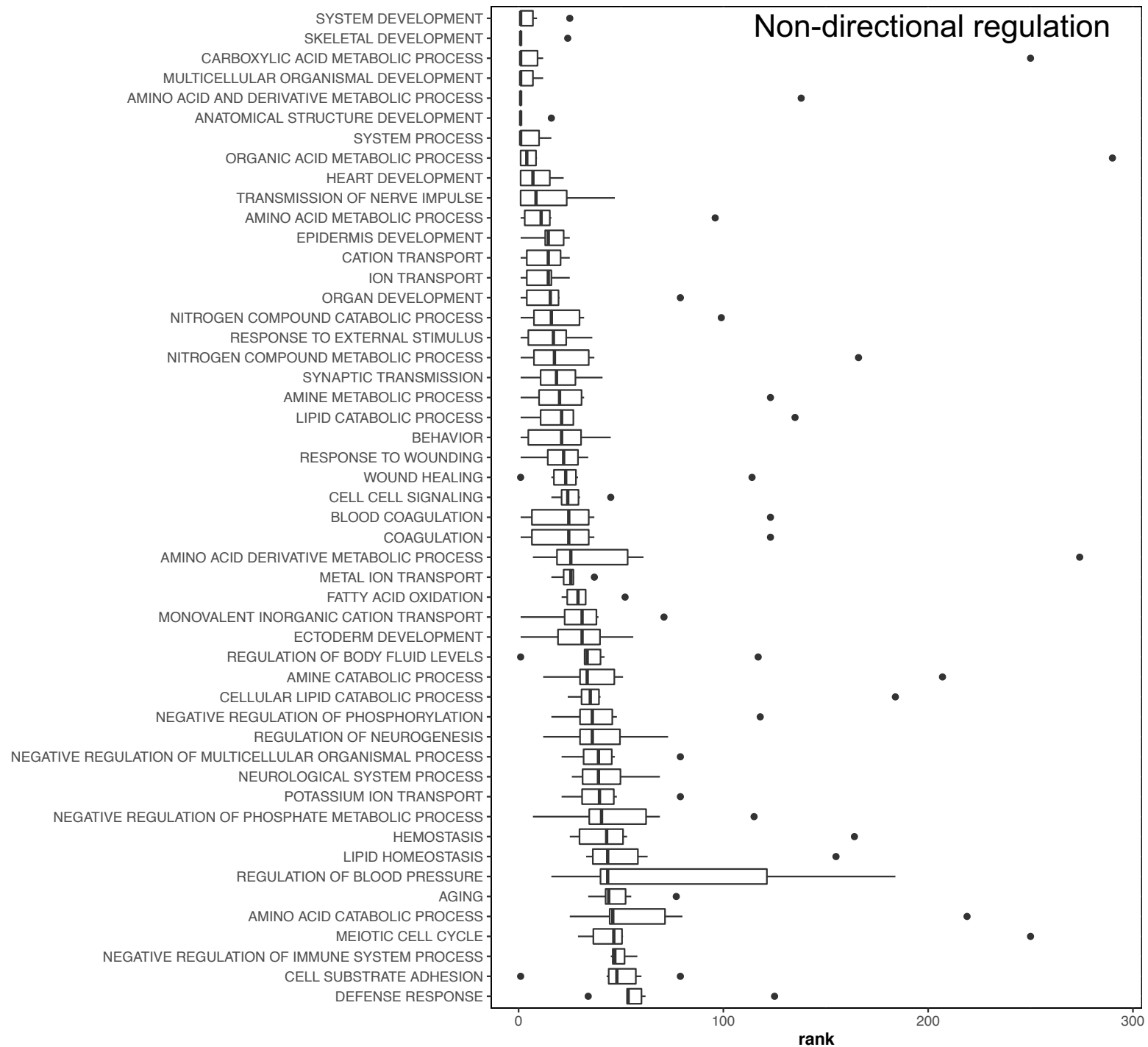
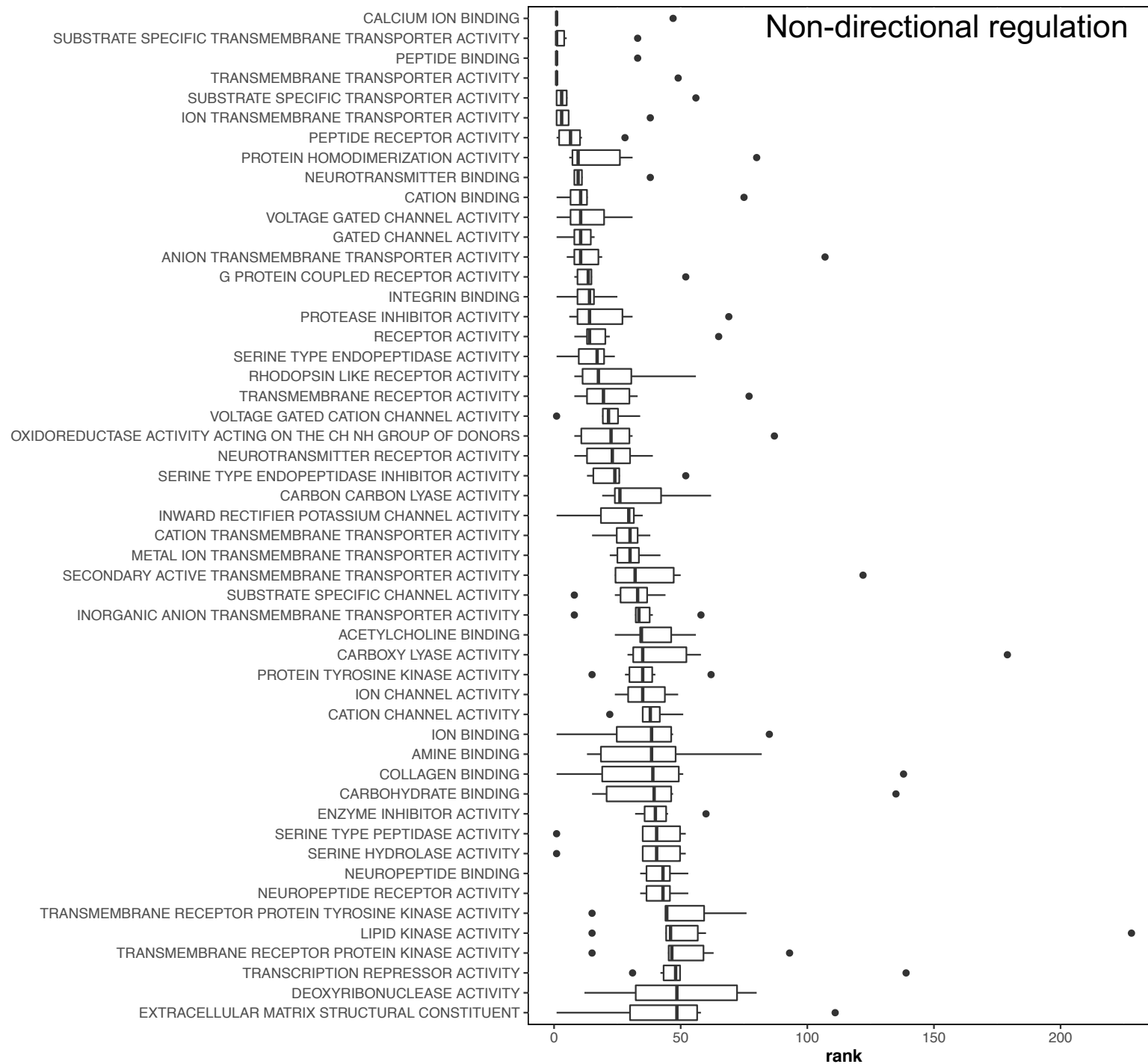


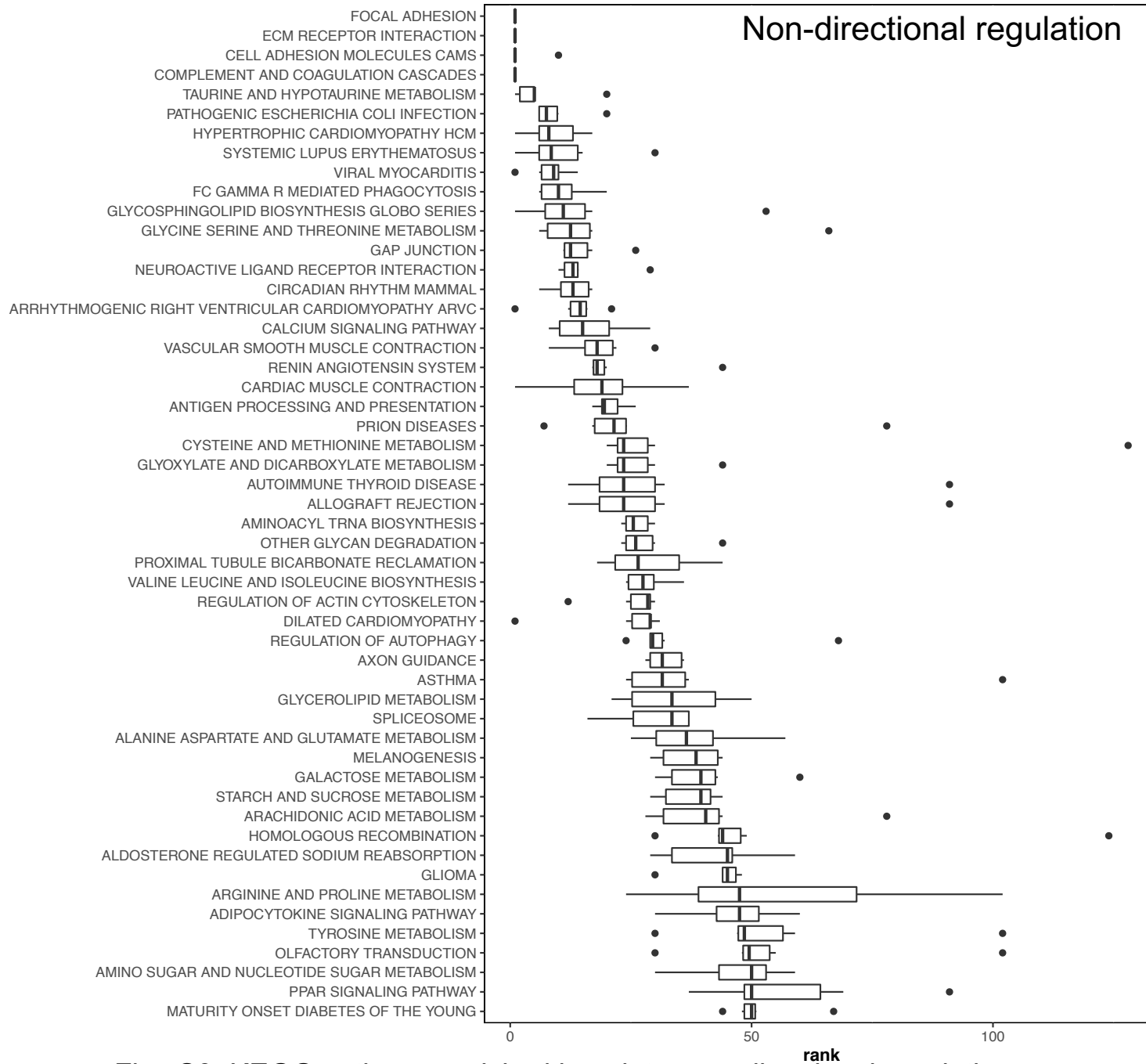
Supplemental figures



Figs S1. Gene Ontology Biological Process boxplot – non-directional regulation.

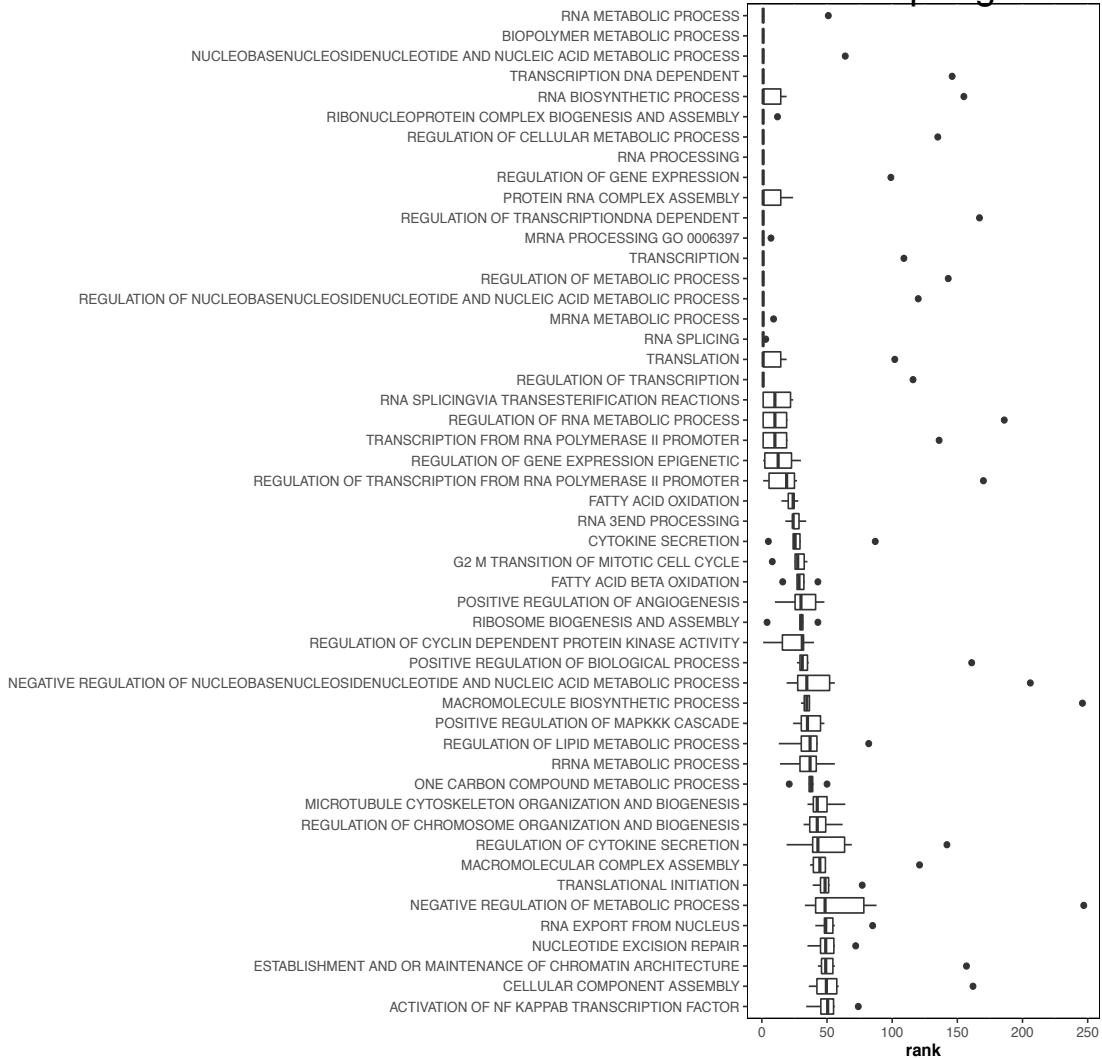


Figs S2. Gene Ontology Molecular Function boxplot – non-directional regulation.

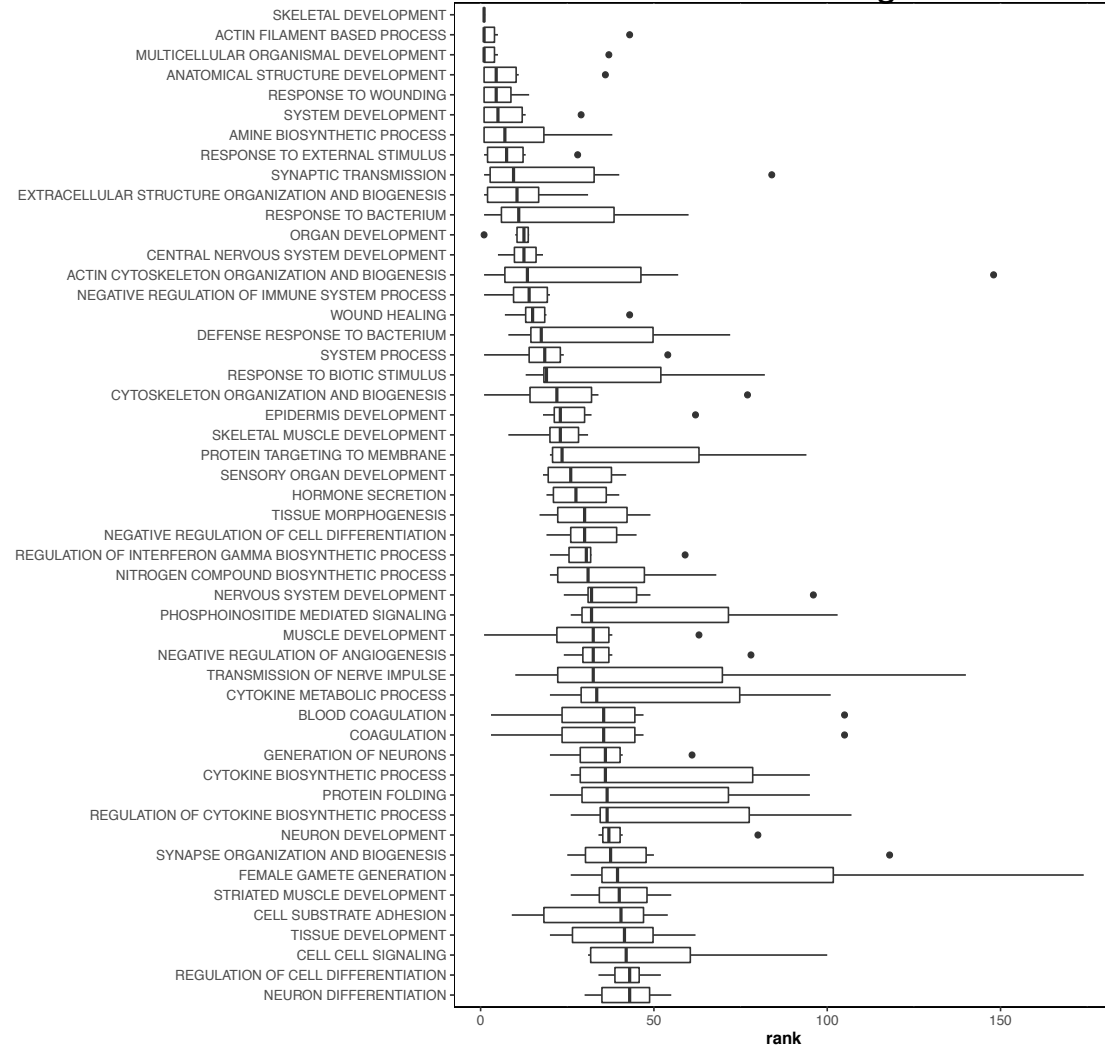


Figs S3. KEGG pathway enriched boxplot – non-directional regulation.

Distinct up-regulation

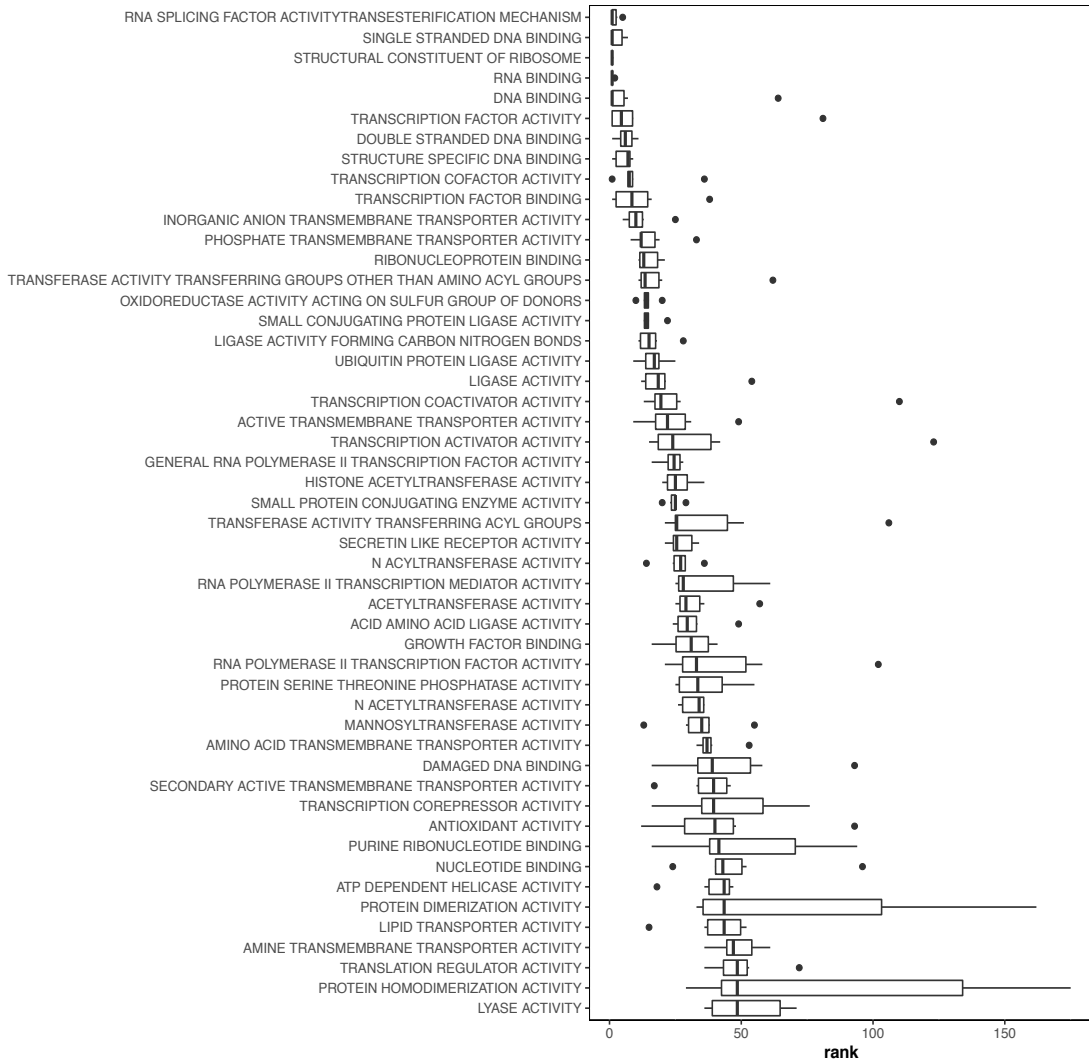


Distinct down-regulation

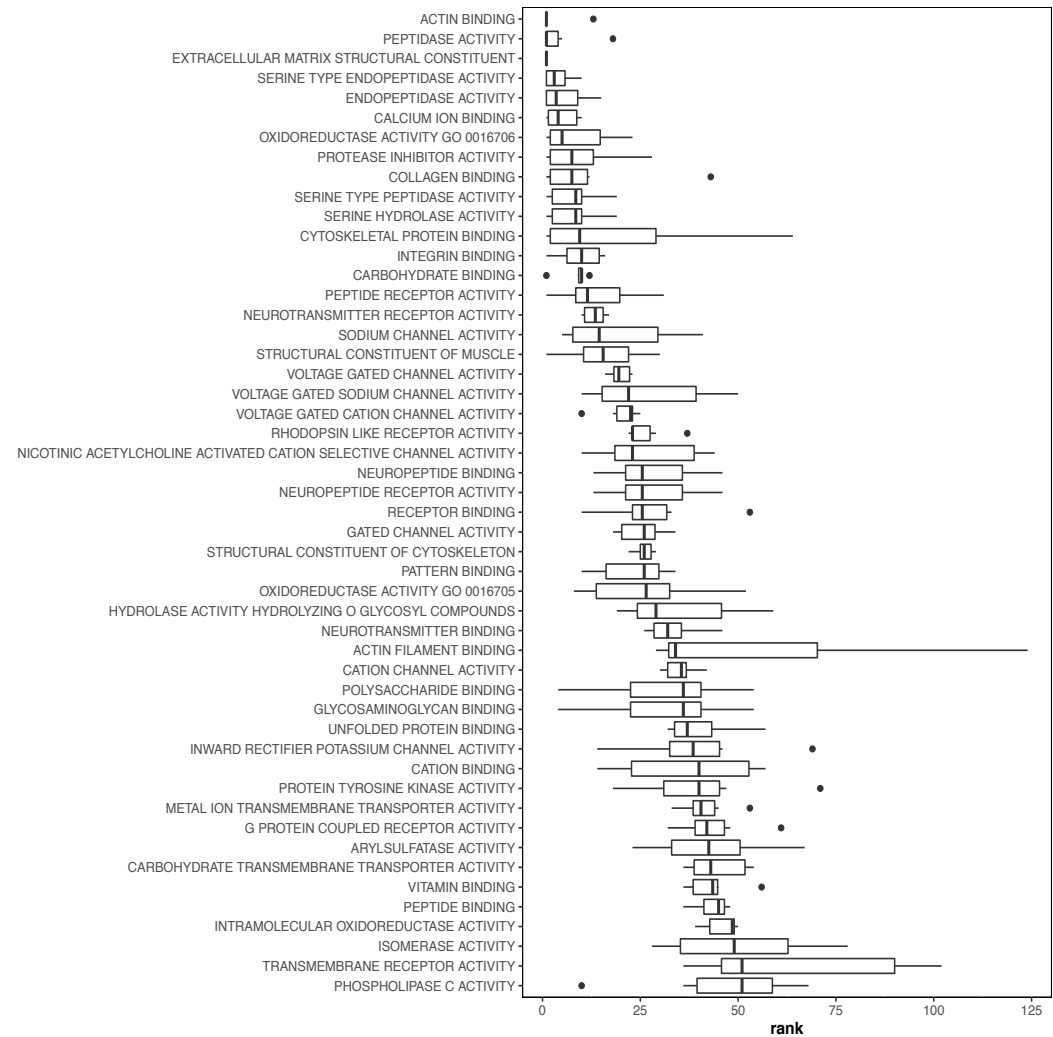


Figs S4. Gene Ontology Biological Process boxplot – distinct-directional regulation. (A) distinct up-regulated processes. (B) distinct down-regulated processes.

Distinct up-regulation

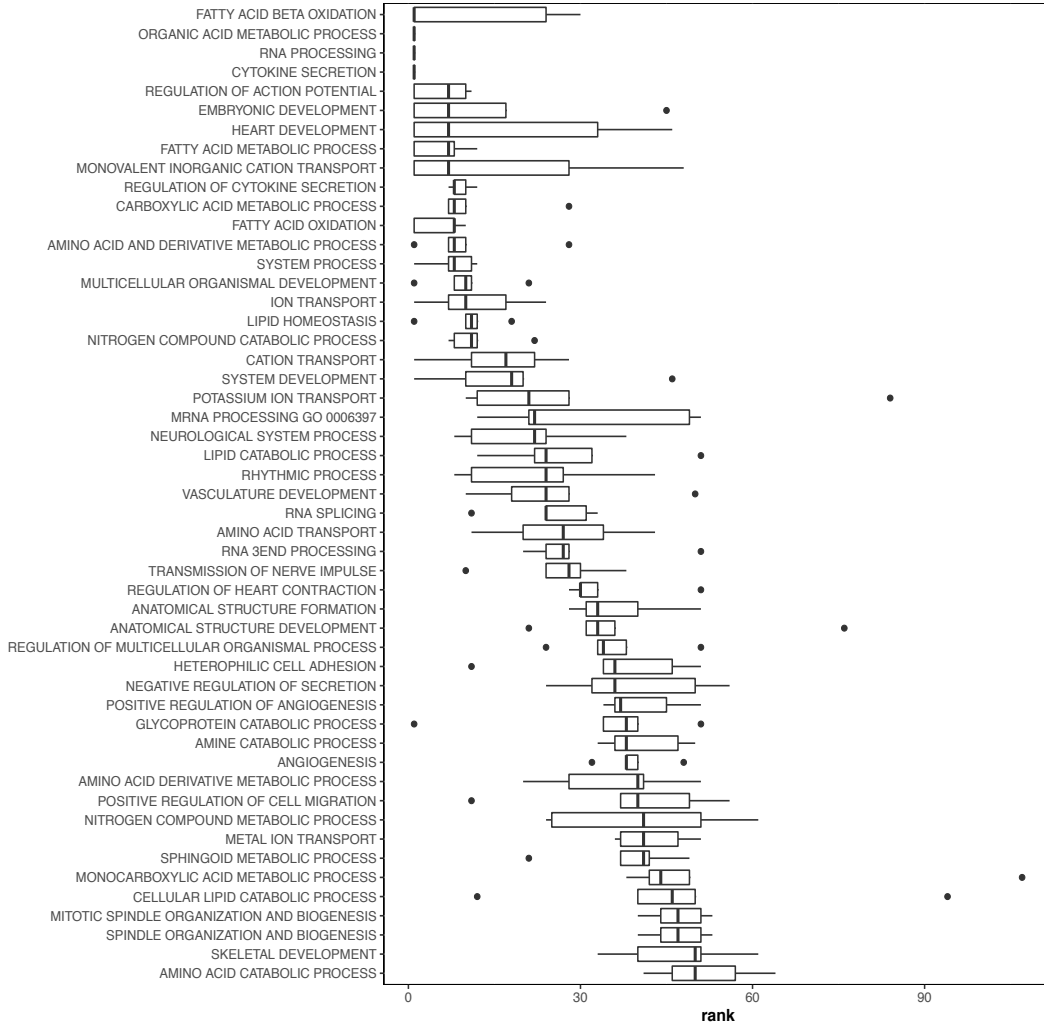


Distinct down-regulation

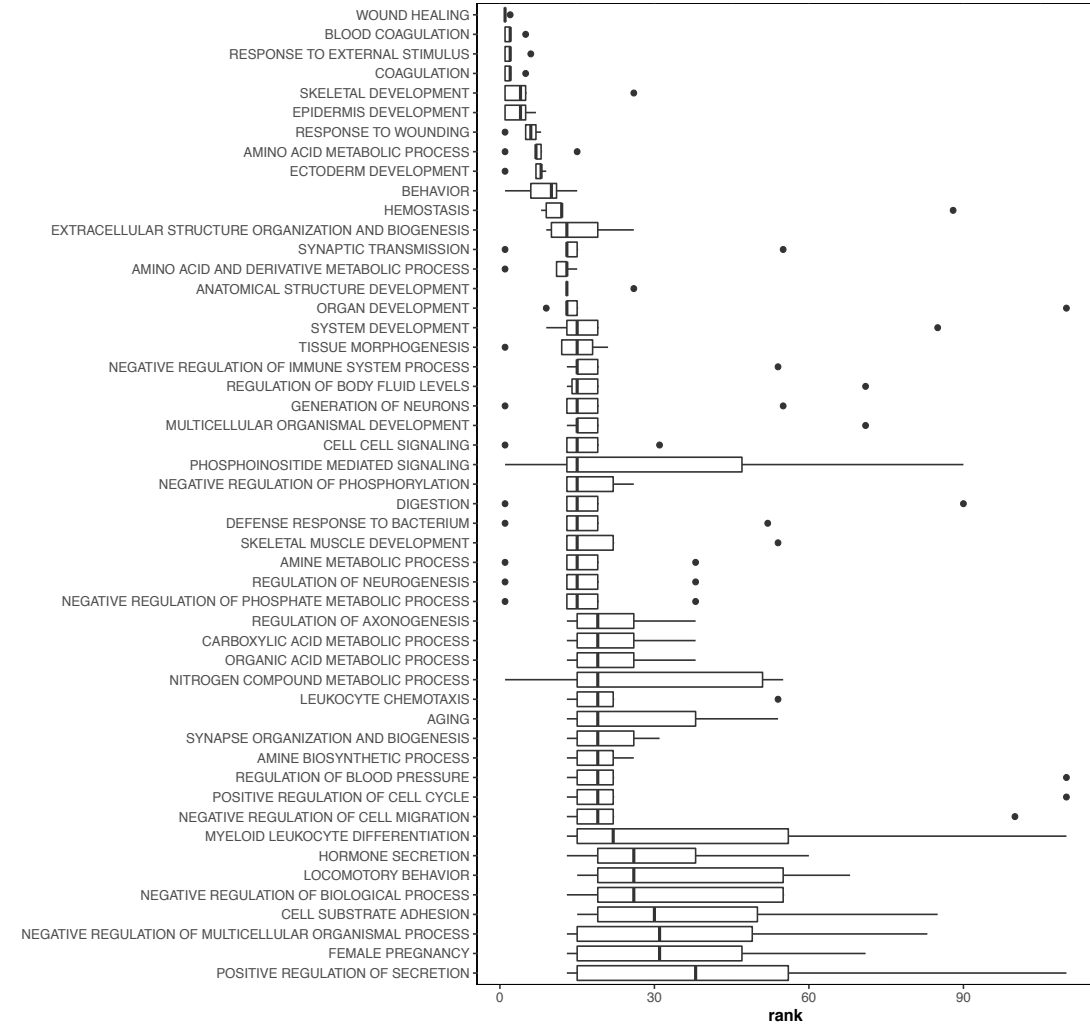


Figs S5. Gene Ontology Molecular Function boxplot – distinct-directional regulation. (A) distinct up-regulated processes. (B) distinct down-regulated processes.

Mixed up-regulation

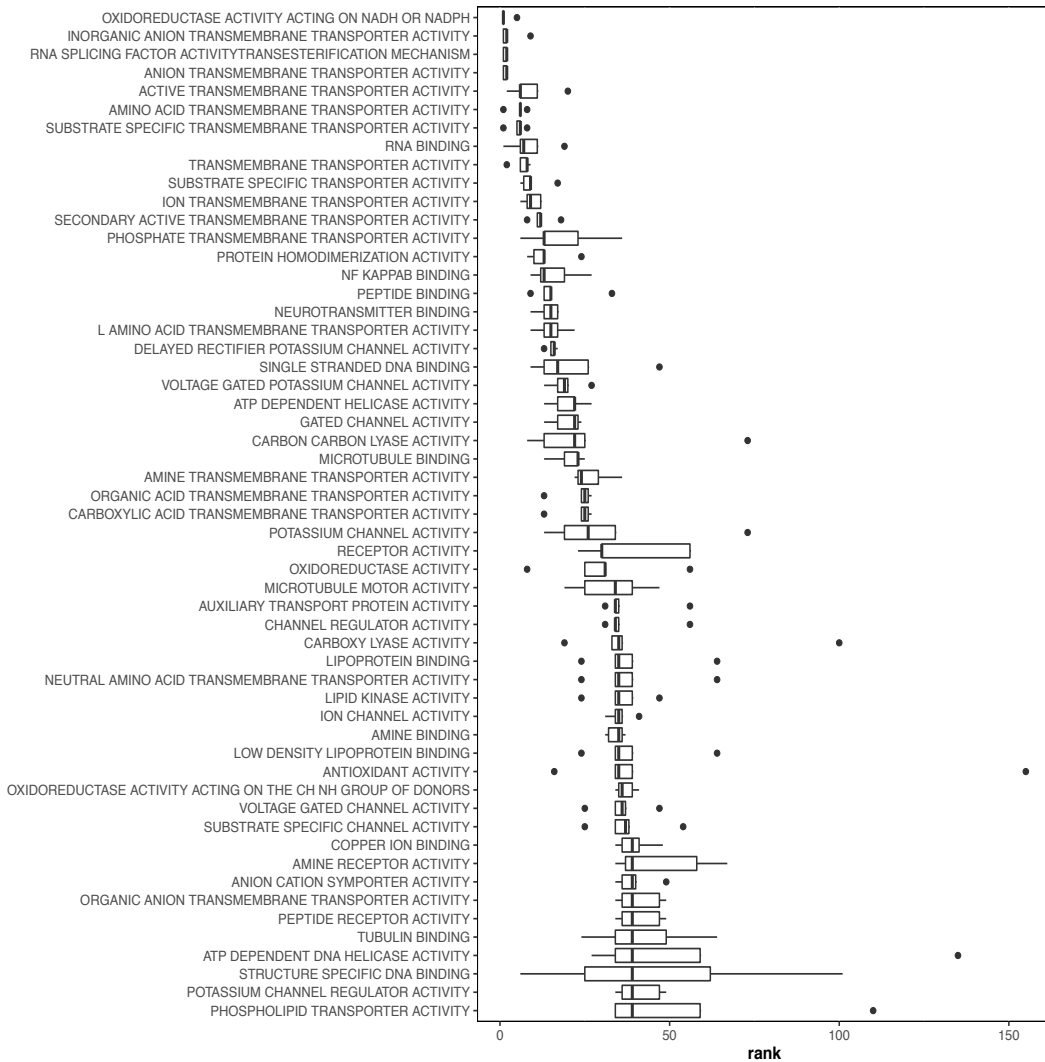


Mixed down-regulation

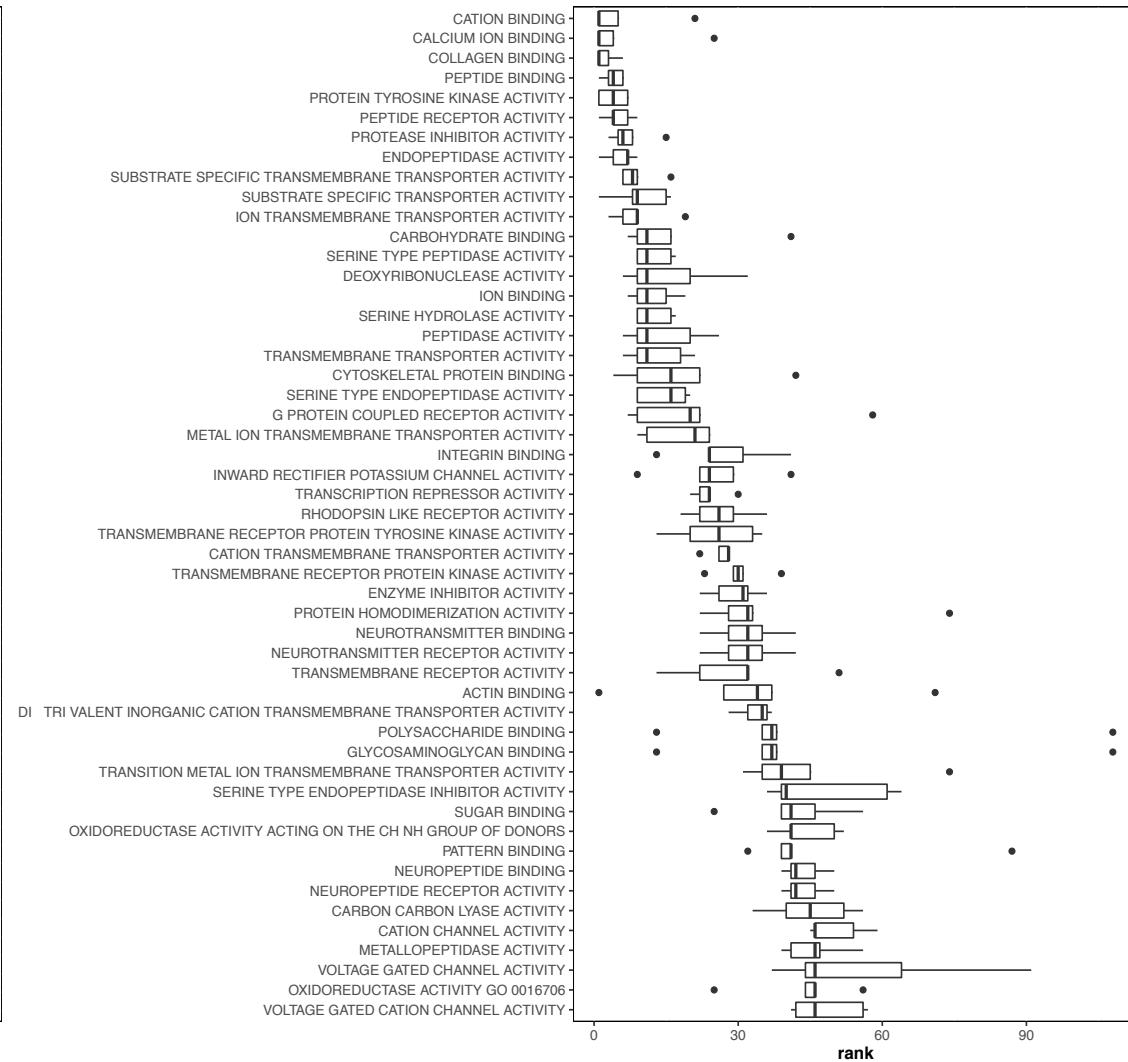


Figs S6. Gene Ontology Biological Process boxplot – mixed-directional regulation. (A) mixed up-regulated processes. (B) mixed down-regulated processes.

Mixed up-regulation

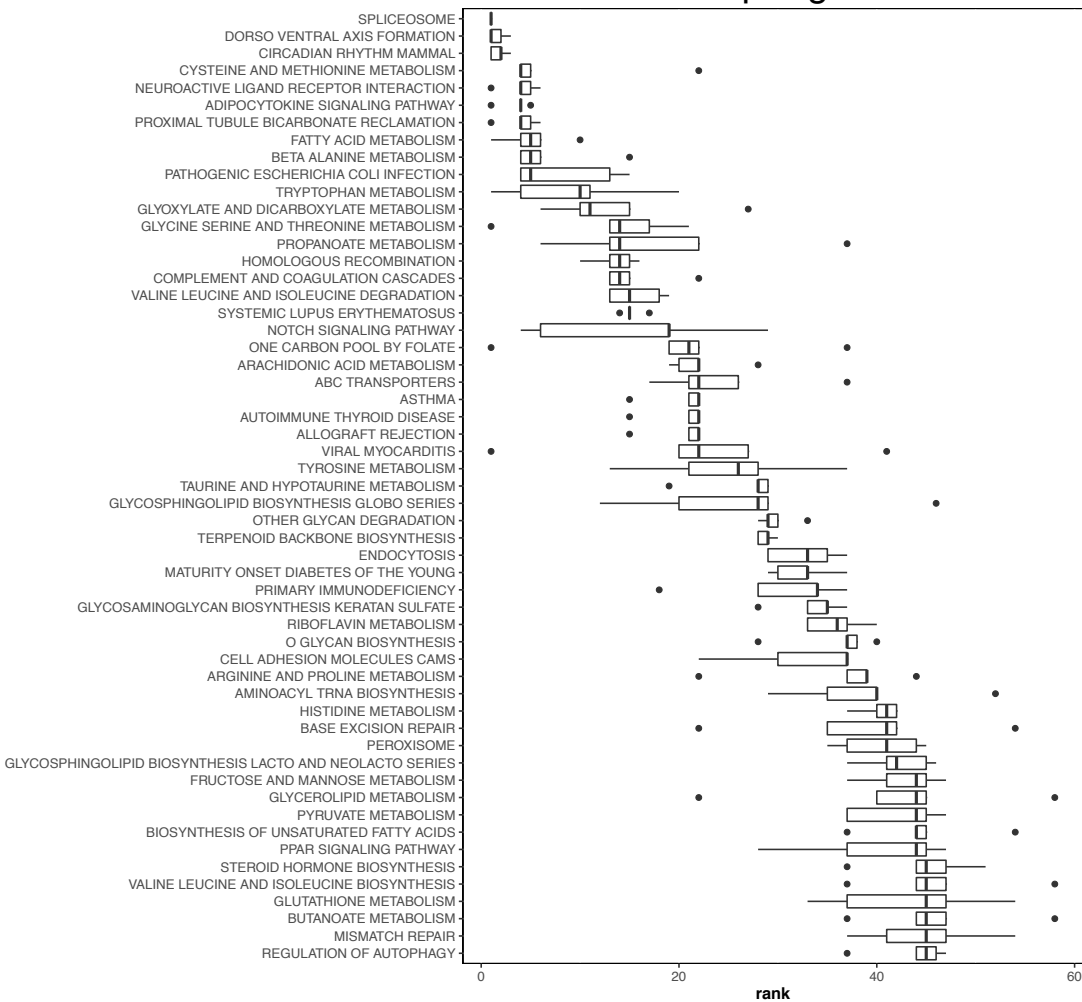


Mixed down-regulation

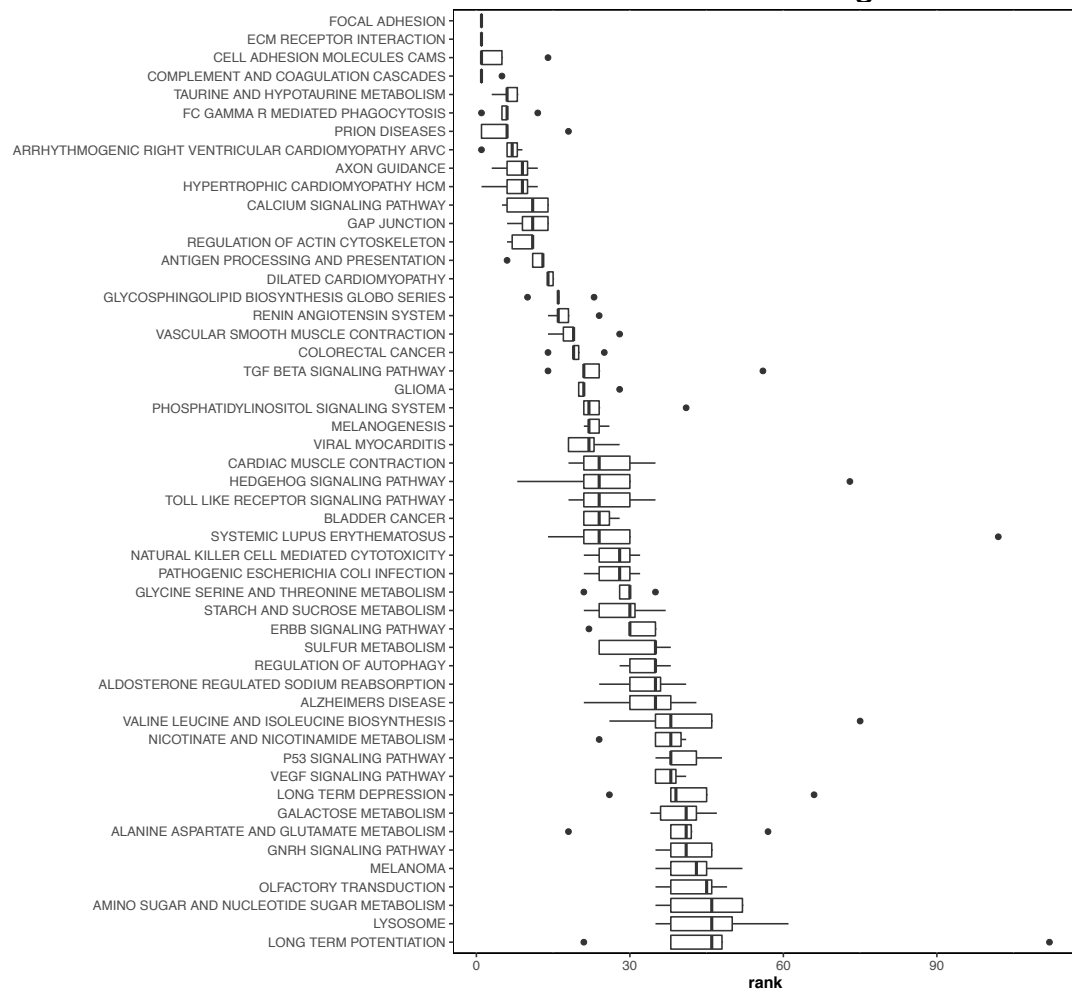


Figs S7. Gene Ontology Molecular Function boxplot – mixed-directional regulation. (A) mixed up-regulated processes. (B) mixed down-regulated processes.

Mixed up-regulation



Mixed down-regulation



Figs S8. KEGG pathway enriched boxplot – mixed-directional regulation. (A) mixed up-regulated KEGG pathways. (B) mixed down-regulated KEGG pathways.