## Top 30 Pathways for GOBP (Sorted by FDR) GO:BP - system development -GO:BP - multicellular organism development -GO:BP - cell-cell signaling -GO:BP - synaptic signaling GO:BP - trans-synaptic signaling GO:BP - multicellular organismal process GO:BP - chemical synaptic transmission GO:BP – anterograde trans–synaptic signaling GO:BP - nervous system development -GO:BP - anatomical structure development -GO:BP - developmental process GO:BP - cell junction organization -log10(p\_value) GO:BP - cell communication · 35 GO:BP - regulation of biological quality GO:BP – synapse organization 30 GO:BP - cell adhesion -25 GO:BP - neurogenesis 20 GO:BP - anatomical structure morphogenesis GO:BP - generation of neurons GO:BP - modulation of chemical synaptic transmission GO:BP - regulation of trans-synaptic signaling -GO:BP - signaling GO:BP - neuron differentiation GO:BP - regulation of membrane potential GO:BP – monoatomic ion transmembrane transport GO:BP - animal organ development -GO:BP - regulation of cell communication -GO:BP - monoatomic ion transport -GO:BP - cell-cell adhesion via plasma-membrane adhesion molecules GO:BP – monoatomic cation transmembrane transport 10 20 30

-log10(FDR)