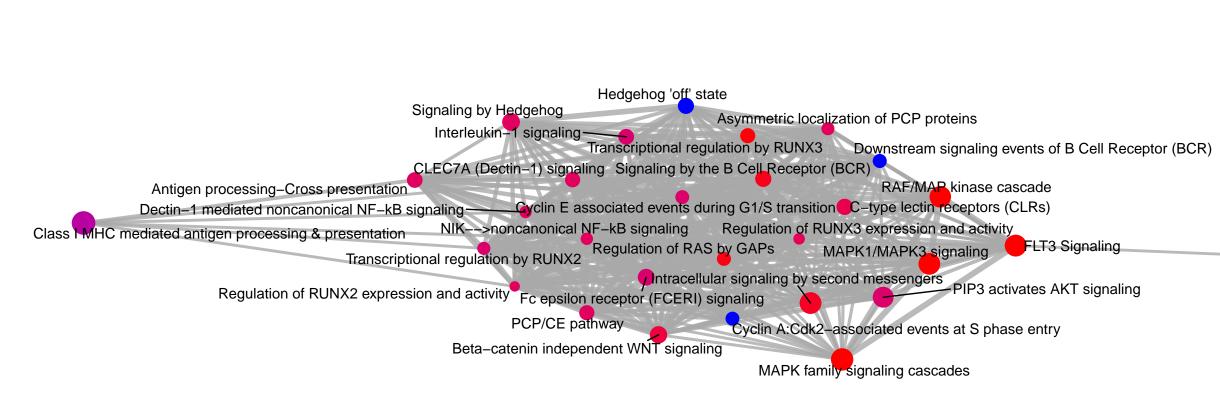
Axon guidance



size

50

100

150

200

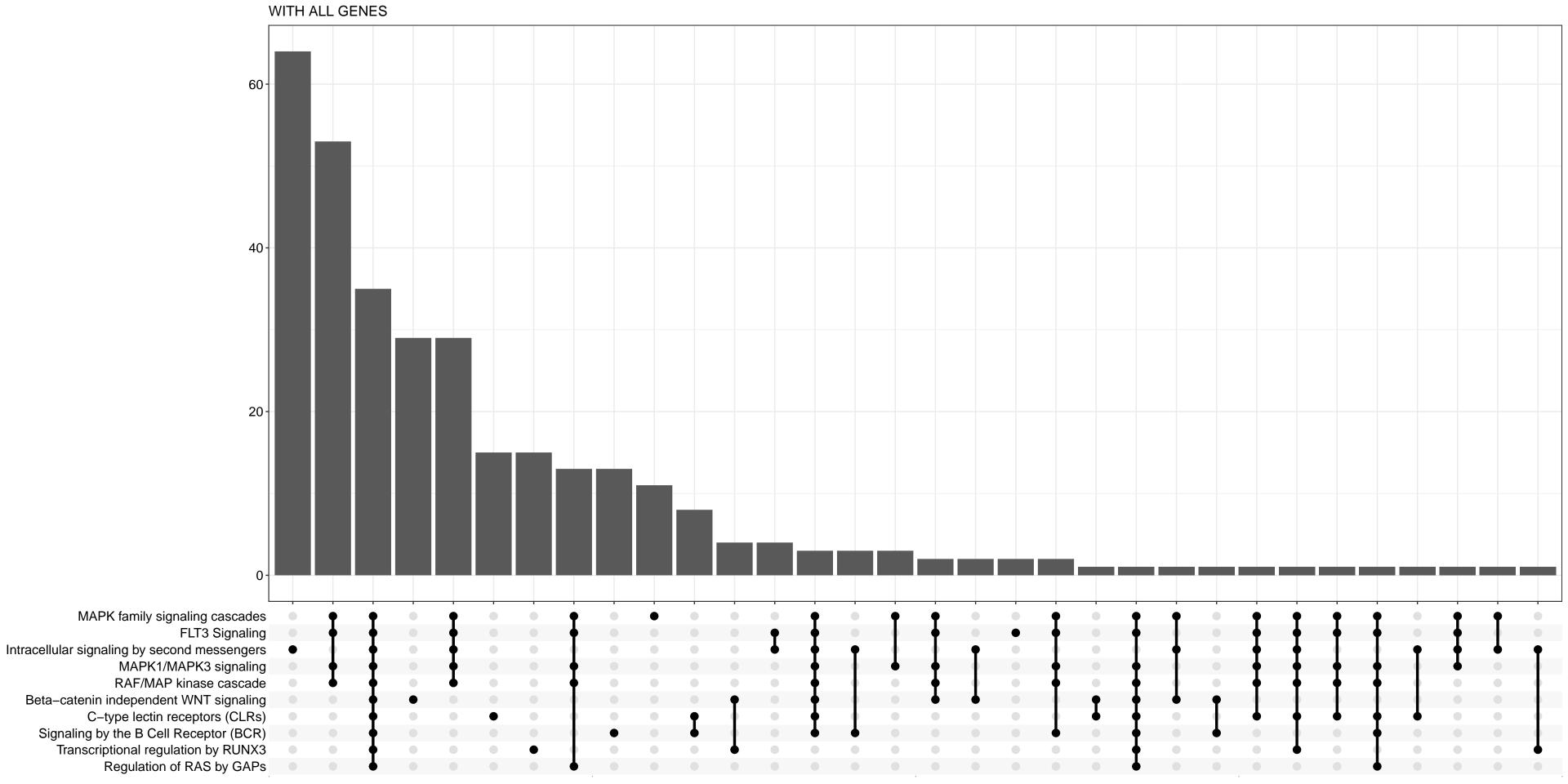
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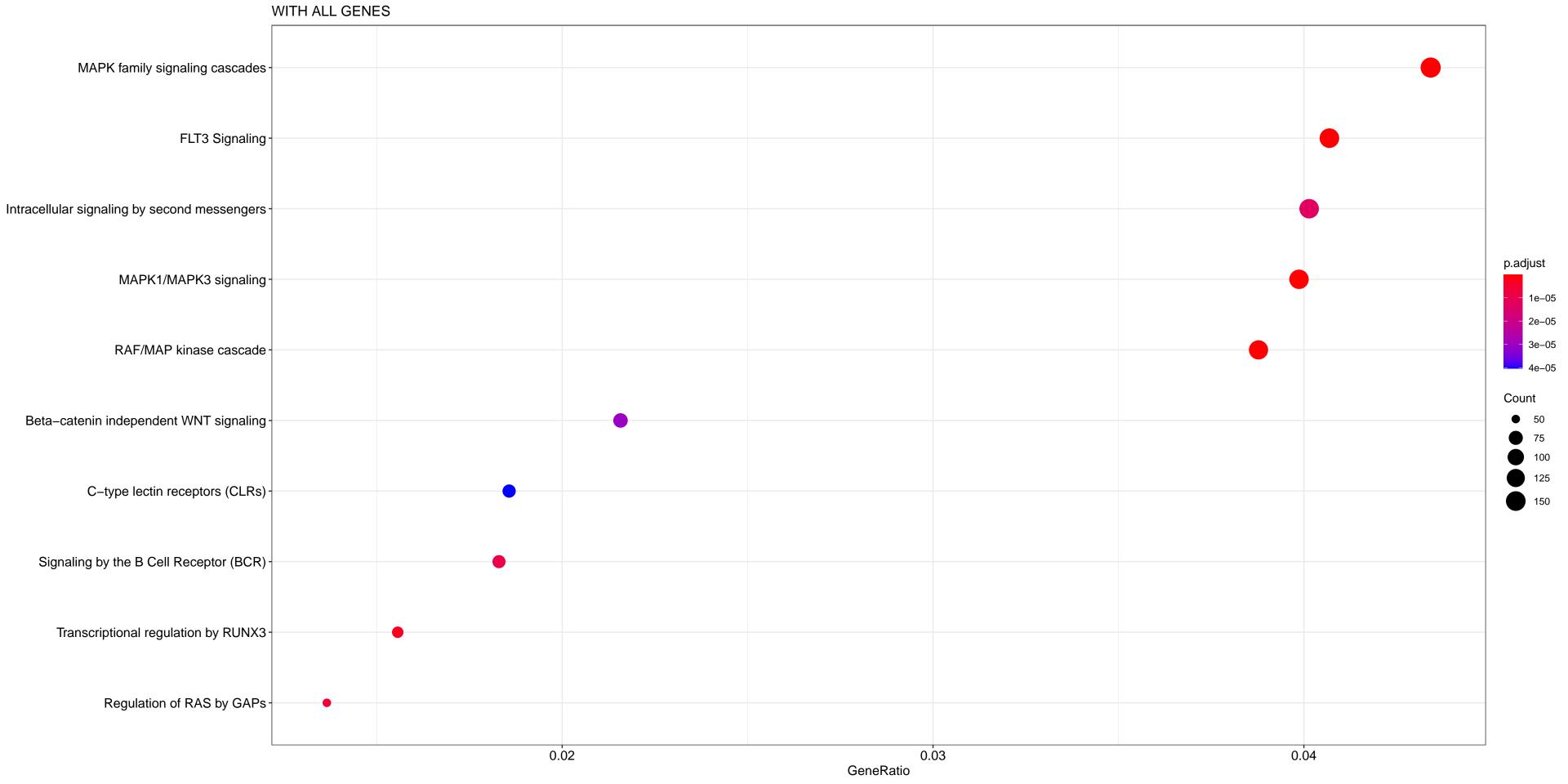
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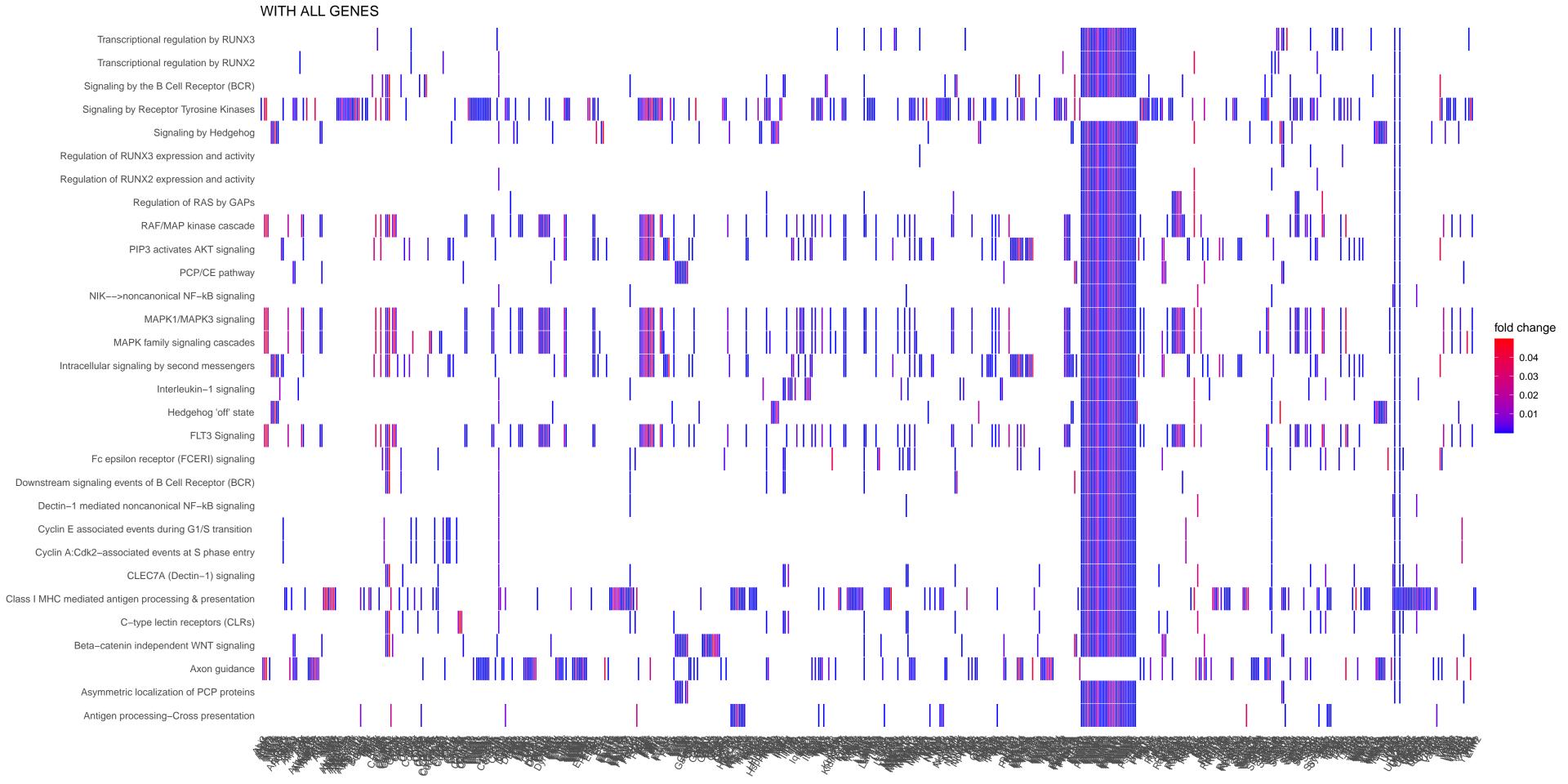
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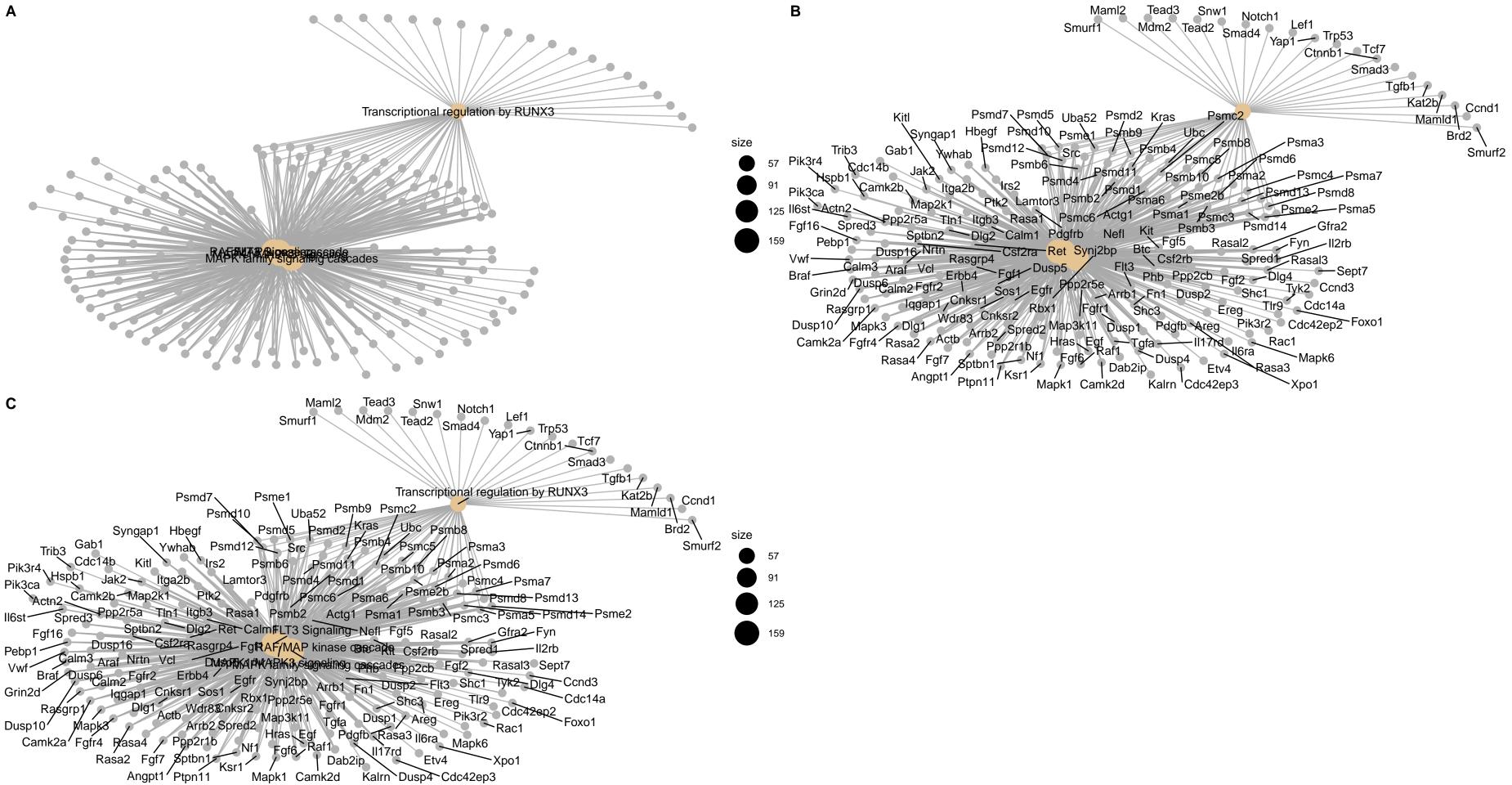
0.00016

Signaling by Receptor Tyrosine Kinases









Cell surface interactions at the vascular wall

Potassium Channels DAP12 interactions DAP12 signaling Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell Antigen processing-Cross presentation Trafficking and processing of endosomal TLR Other semaphorin interactions ER-Phagosome pathway O-glycosylation of TSR domain-containing proteins Nucleotide-like (purinergic) receptors Platelet activation, signaling and aggregation P2Y receptors Crosslinking of collagen fibrils Non-integrin membrane-ECM interactions Collagen chain trimerization GPVI-mediated activation cascade Collagen degradation Degradation of the extracellular matrix Assembly of collagen fibrils and other multimeric structures Integrin cell surface interactions Collagen formation Antigen activates B Cell Receptor (BCR) leading to generation of second messengers Collagen biosynthesis and modifying enzymes ECM proteoglycans Extracellular matrix organization GPCR ligand binding G alpha (i) signalling events Class A/1 (Rhodopsin-like receptors)

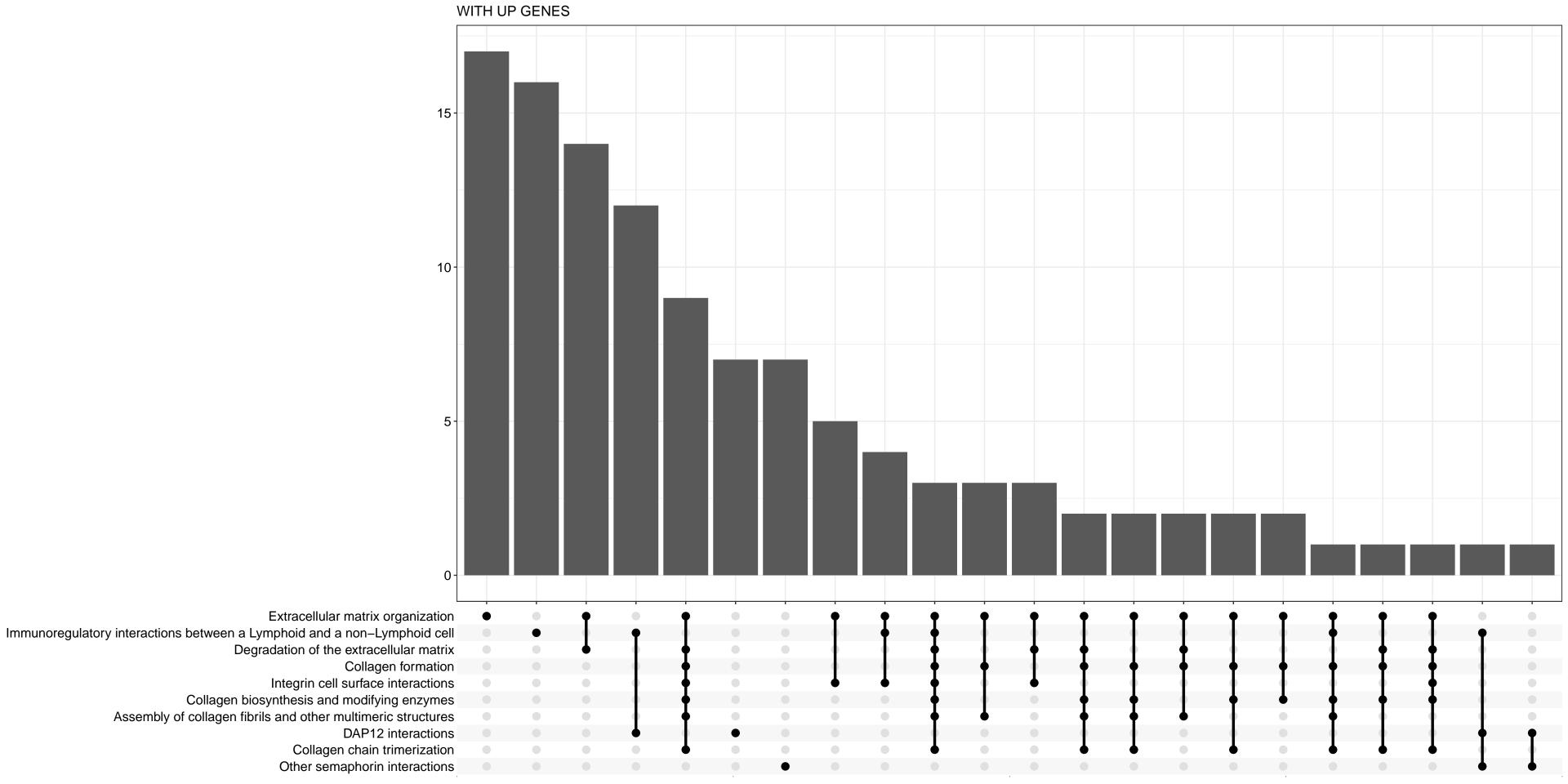
Ion channel transport

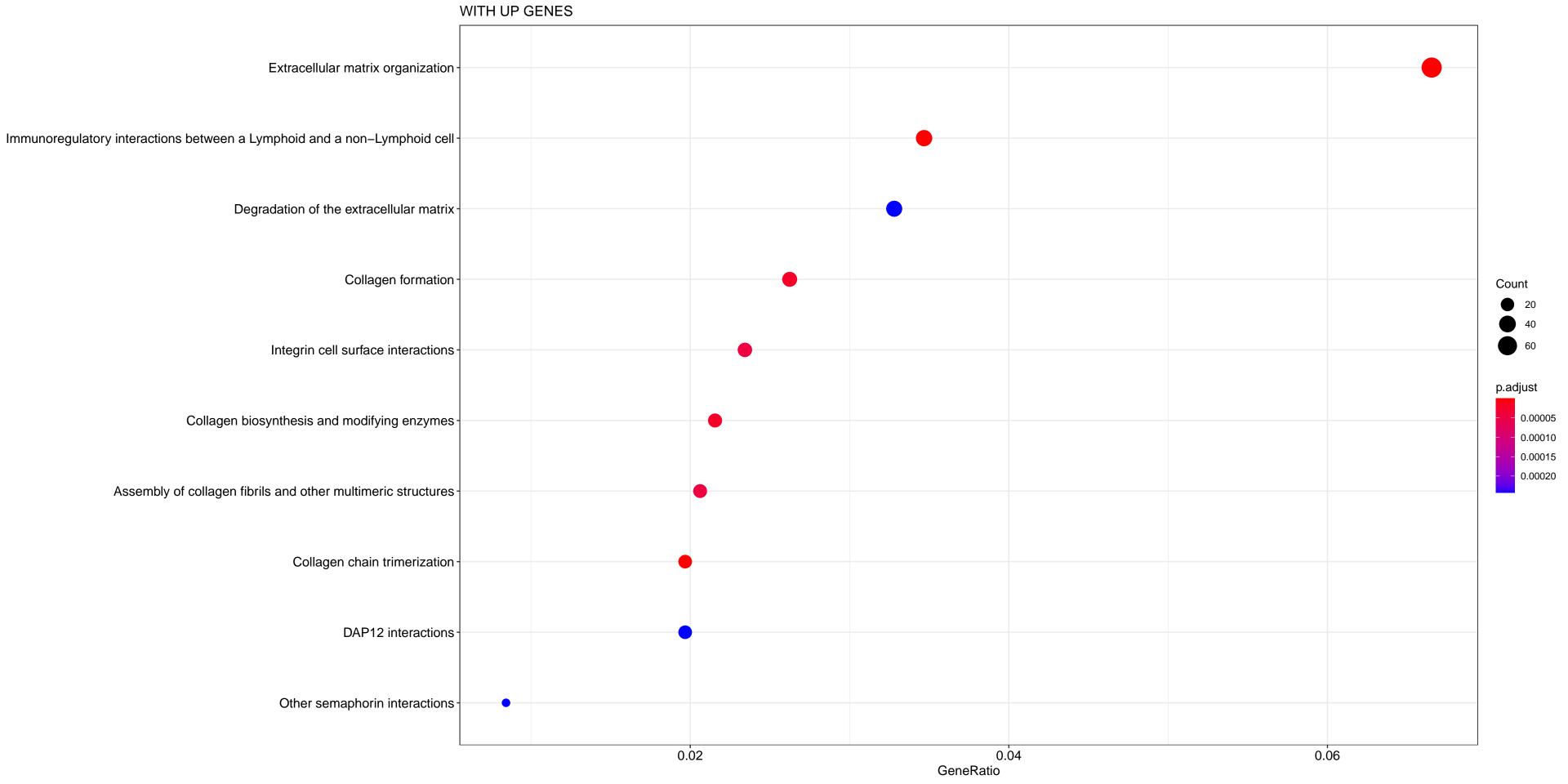
p.adjust

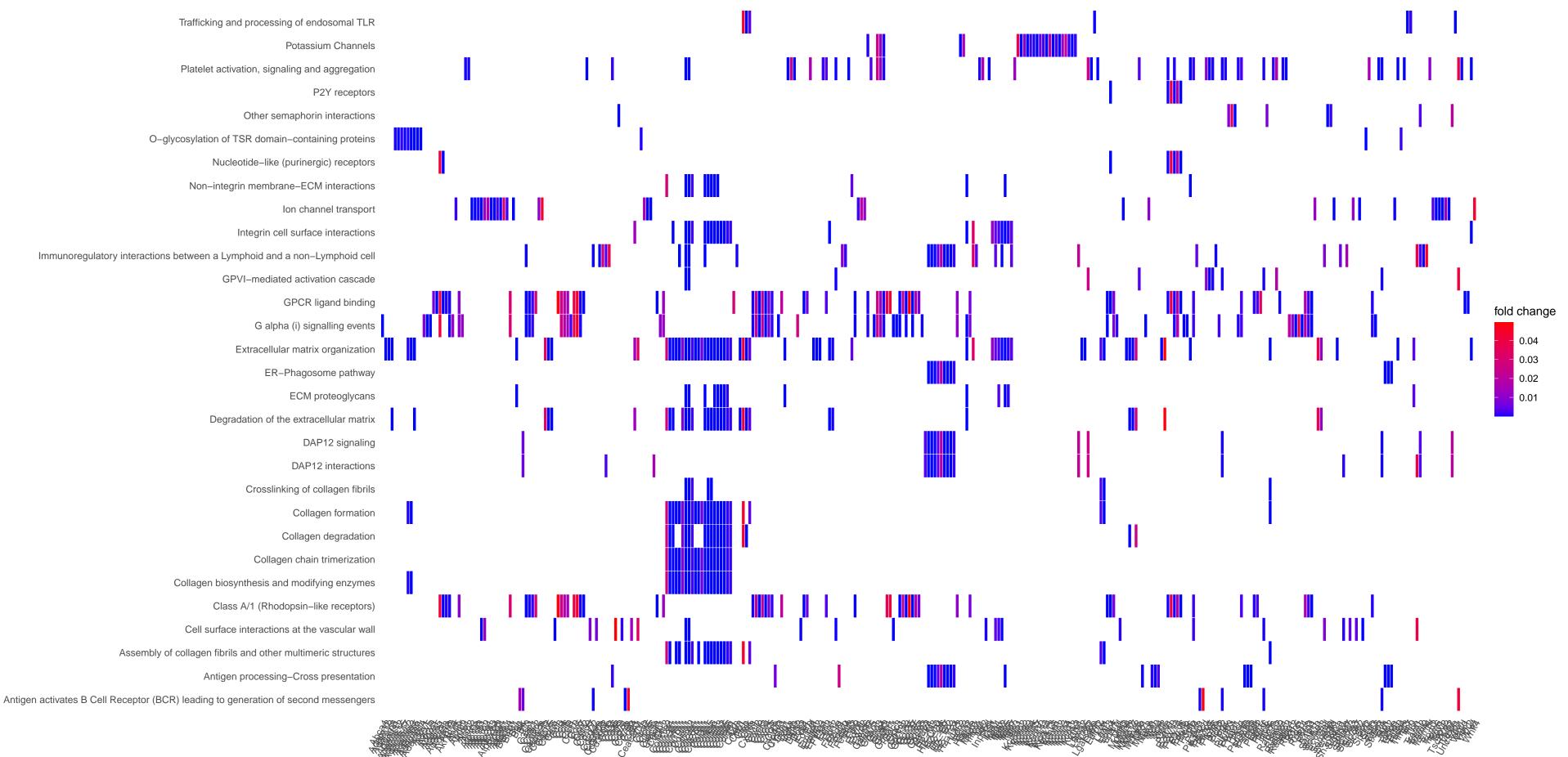
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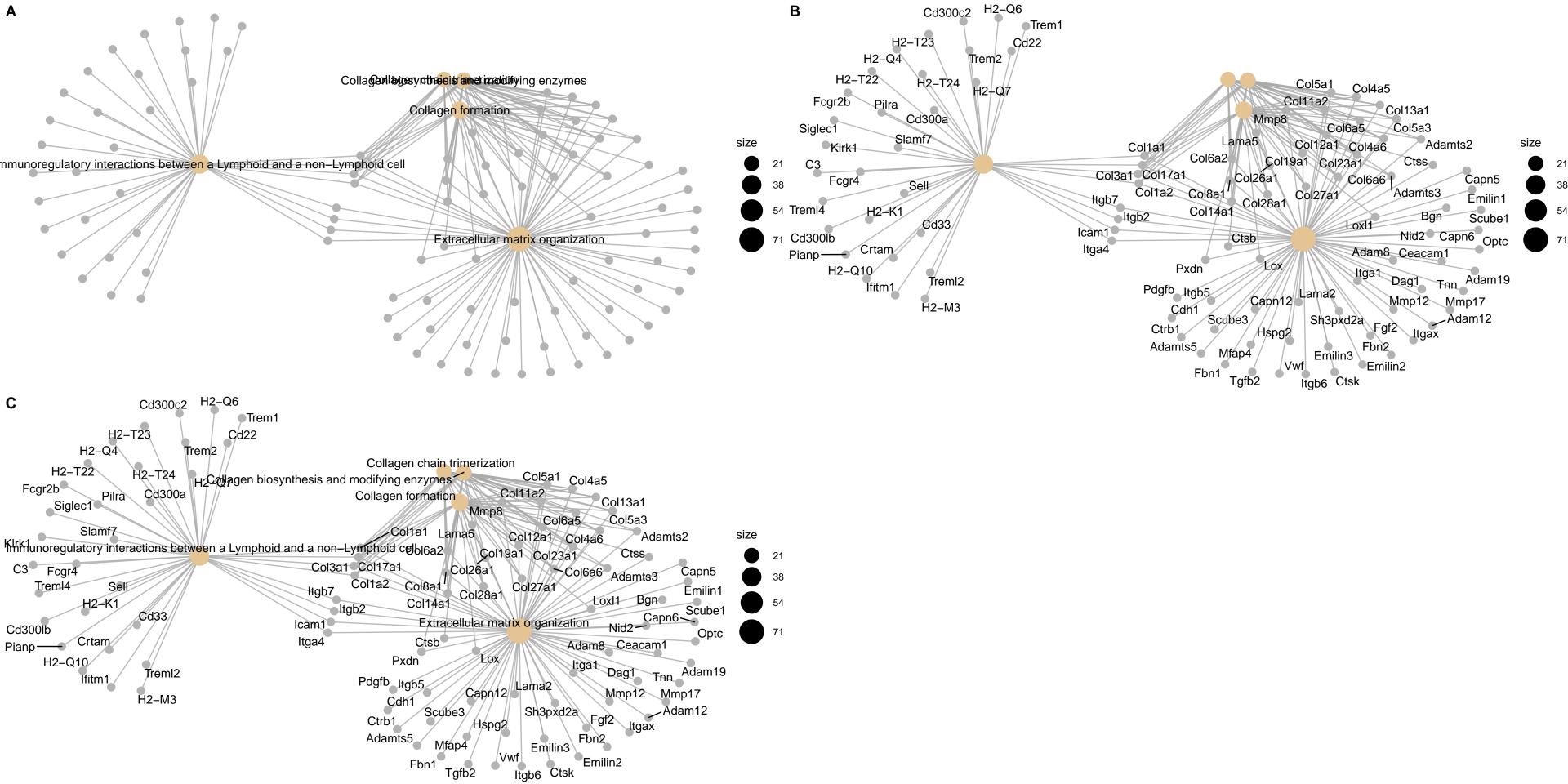
0.020 0.025

size









IL-6-type cytokine receptor ligand interactions

Activation, myristolyation of BID and translocation to mitochondria

Muscle contraction

Cell-Cell communication

Cell-cell junction organization

Cell junction organization

Laminin interactions

Cell surface interactions at the vascular wall

size

p.adjust

0.01

Syndecan interactions

EPH-Ephrin signaling

EPHA-mediated growth cone collapse

EPH-ephrin mediated repulsion of cells

