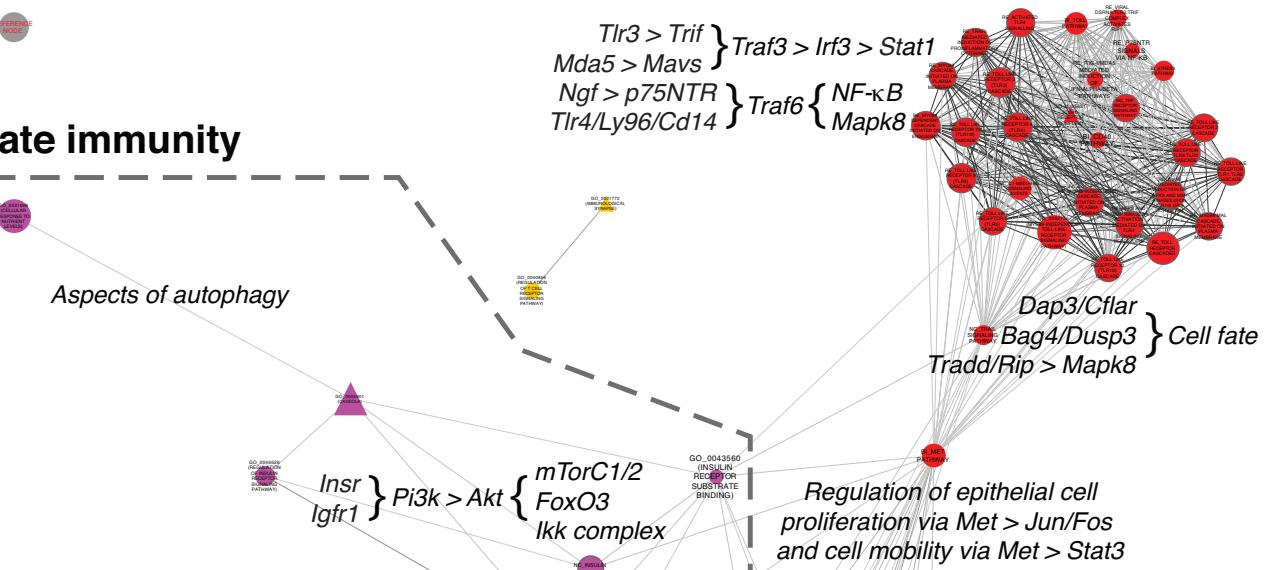


REFERENCE NODE

1) Innate immunity



2) Insr / Igfr1 signaling

Laminin 5-mediated epithelial cell-ECM anchorage

Integrin- and growth factor-pathway cross-talk

3) Focal adhesion & motility

Tg β > Smad2/4 signaling

Cell-cell adherens junctions

Desmosome

Apicolateral plasma membrane & tight junctions

Sensing and cell polarization (Ras1, Rac1, Cdc42)

Focal adhesion

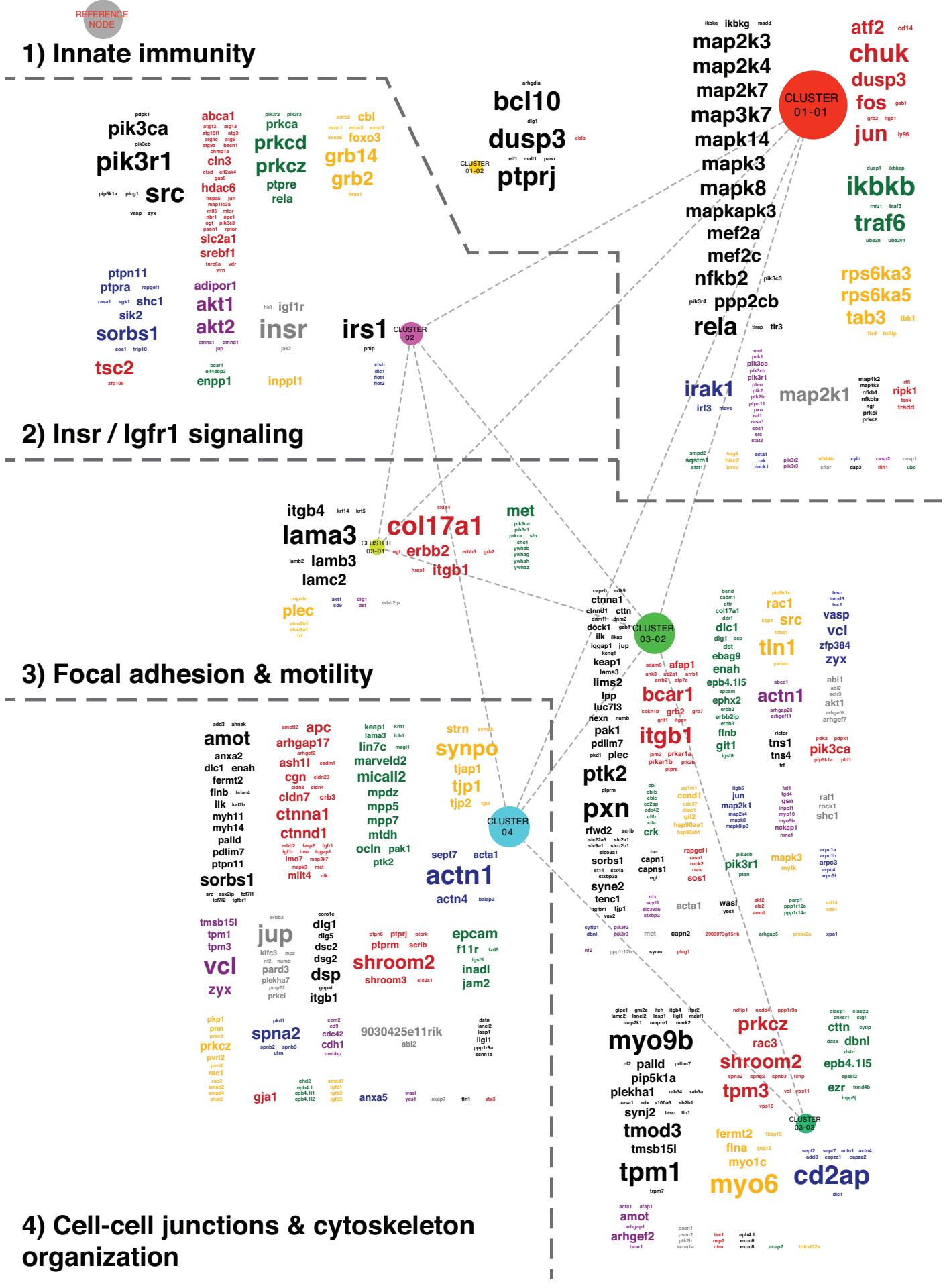
Protrusion of the cell's leading edge

Cytoskeleton organization

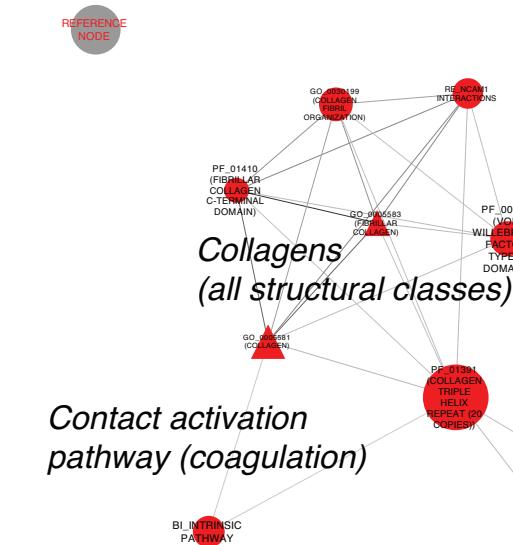
Cell body translocation and retraction

Intracellular vesicle motility

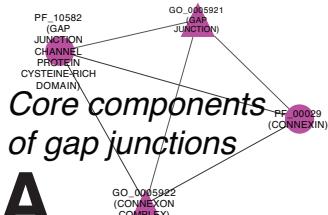
4) Cell-cell junctions & cytoskeleton organization



1) ECM turnover

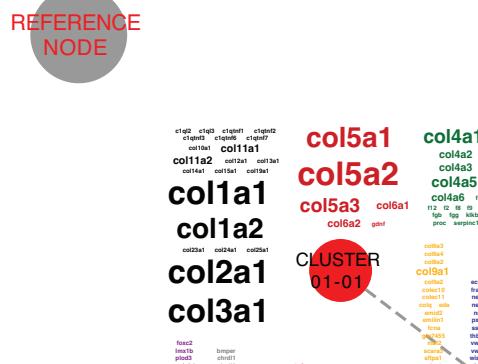


2) Gap junctions



A

1) ECM turnover

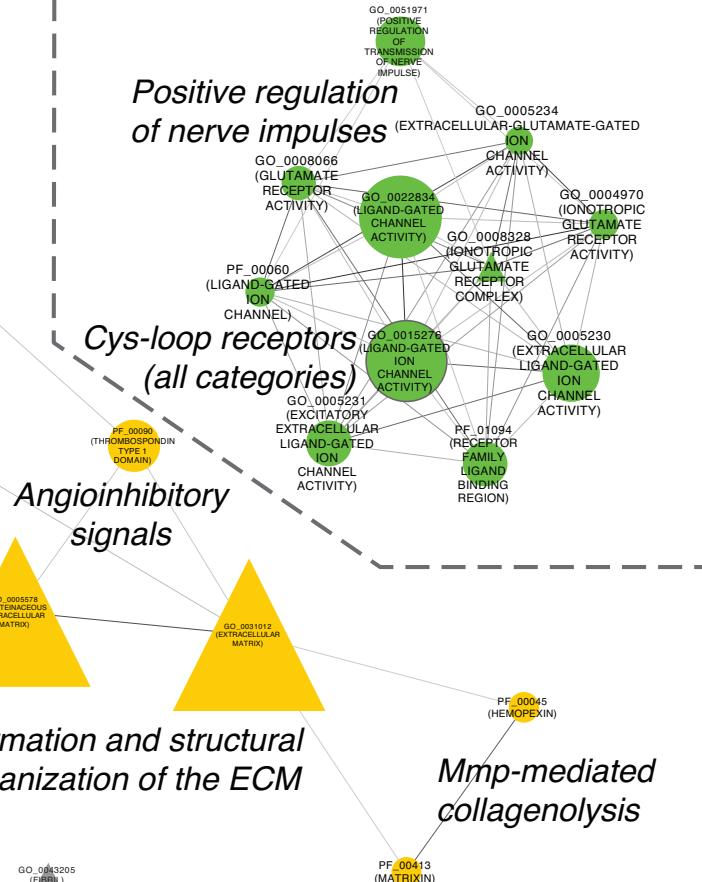


2) Gap junctions

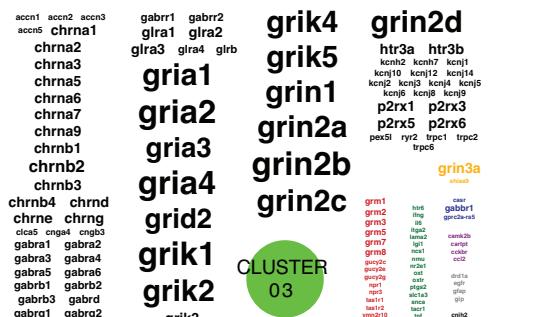


B

3) Neurotransmission



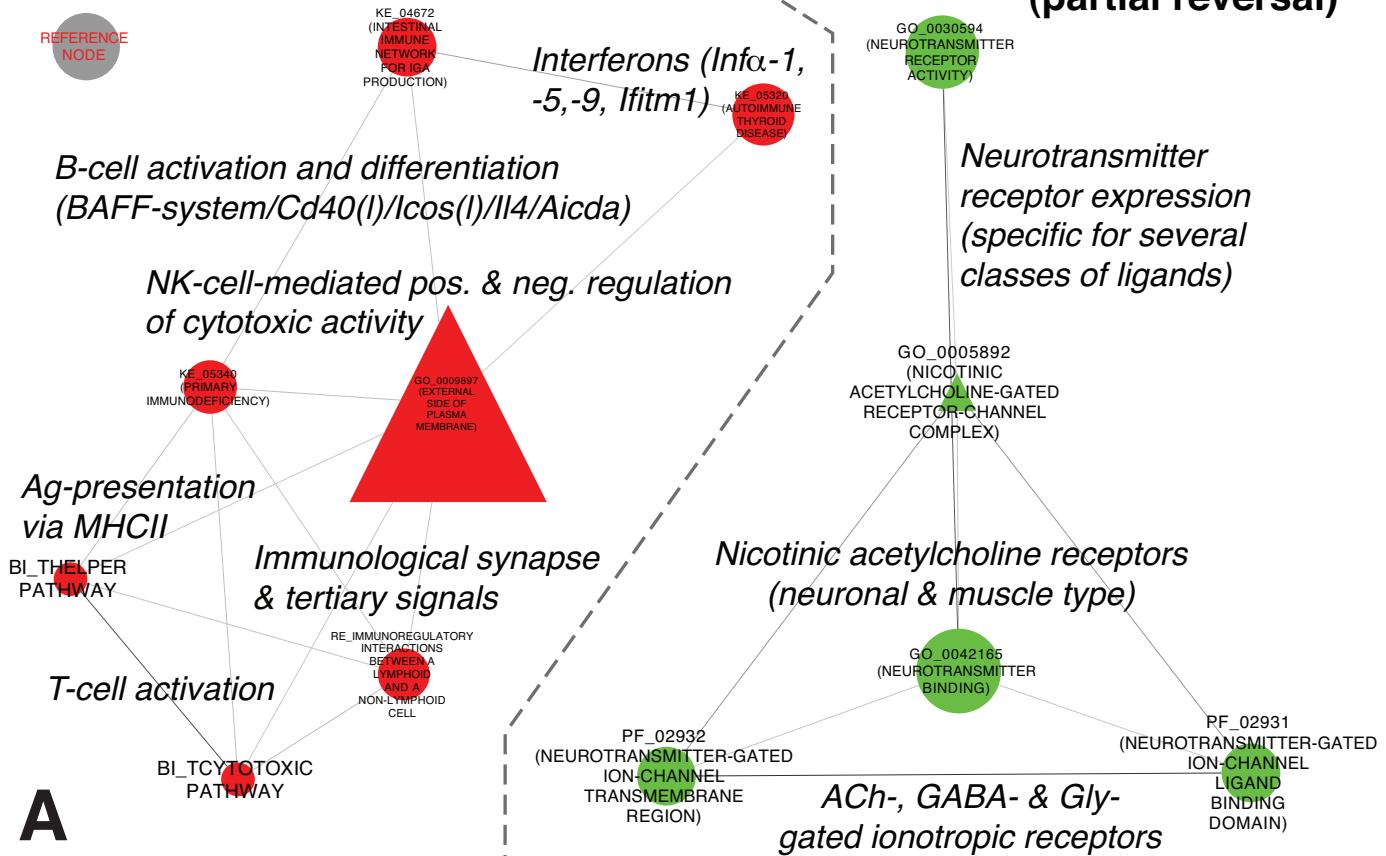
3) Neurotransmission



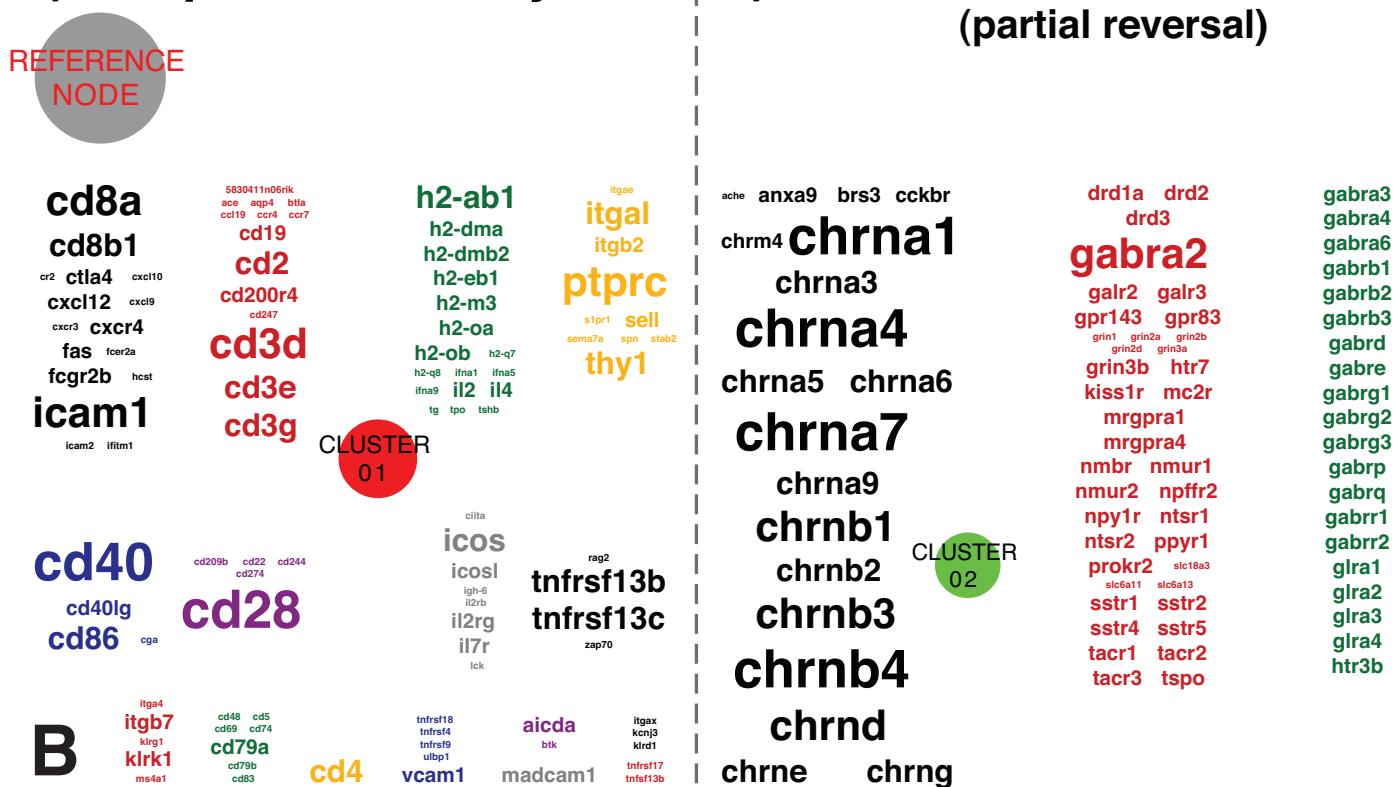
GO_0043205
(FIBRIL)

mmp8

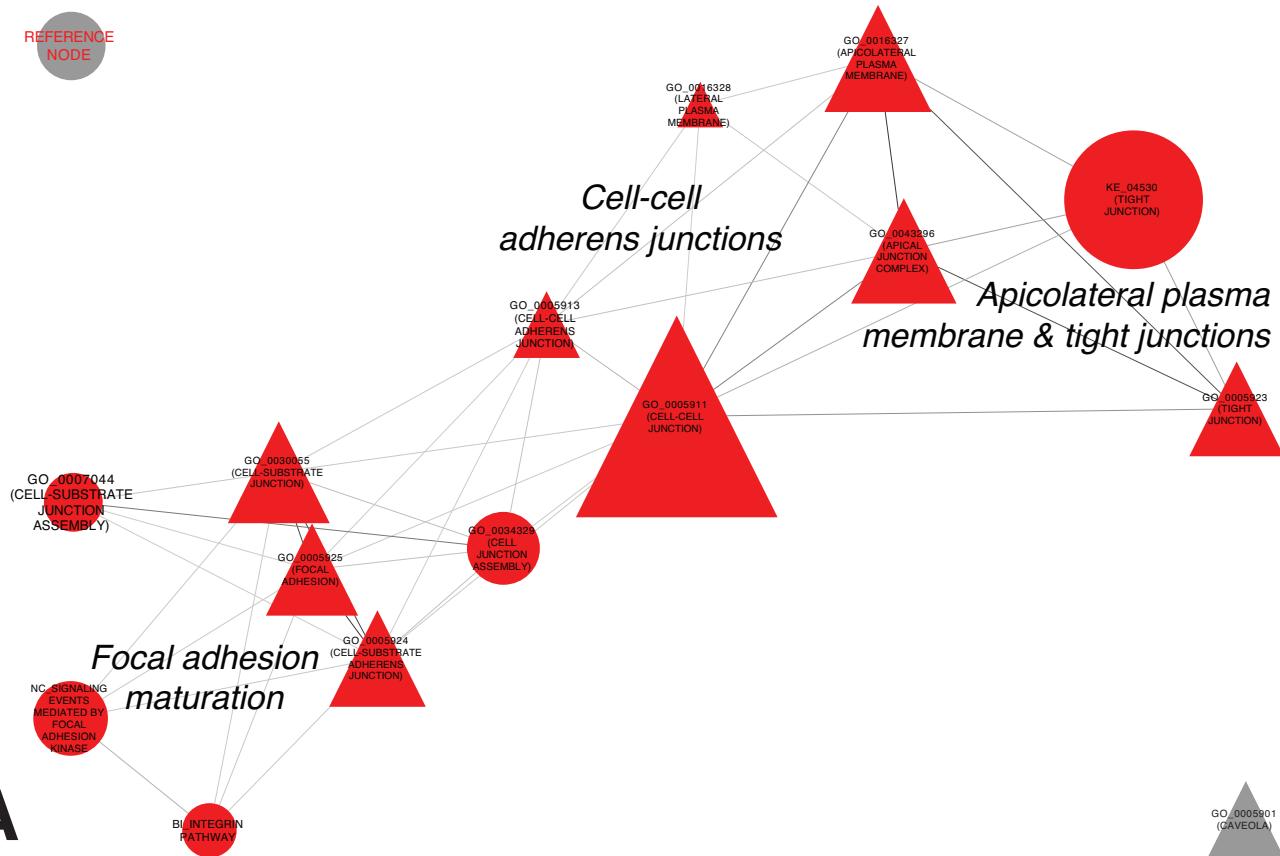
1) Adaptive immunity



1) Adaptive immunity



1) Focal adhesion & cell-cell junctions (partial reversal)



1) Focal adhesion & cell-cell junctions (partial reversal)

