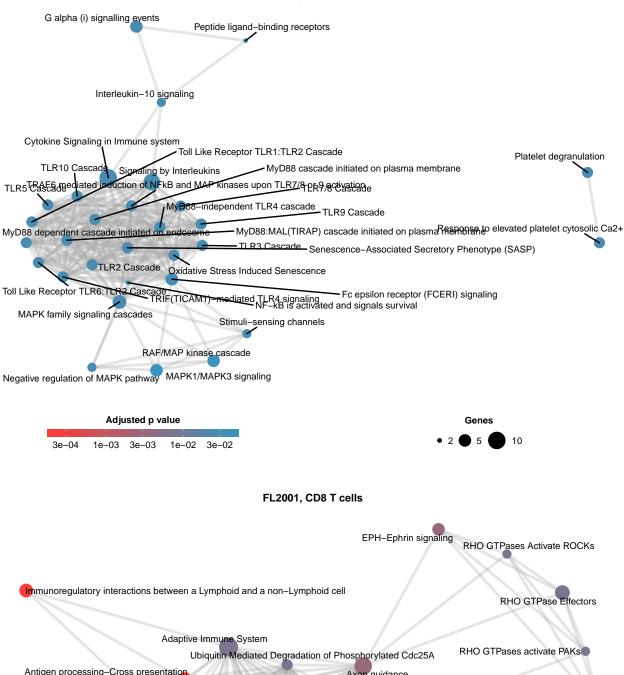
FL1018, CD8 T cells



Adaptive Immune System

Ubiquitin Mediated Degradation of Phosphorylated Cdc25A

Antigen processing-Cross presentation

Autodegradation of the E3 ubiquitin ligase COP1

ER-Phagosome pathway

PCP/CE pathway

Downstream signaling events of B Cell Receptor (BCR)

White in the processing of the E3 ubiquitin ligase COP1

Asymmetric localization of PCP proteins

Ubiquitin-dependent degradation of Cyclin D1

Asymmetric localization of Cyclin D

Regulation of Apoptosis

White In the process Effectors

RHO GTPase Effectors

RHO GTPase activate PAKs

RHO GTPases activate PAKs

Axon guidance

Smooth Muscle Contraction

Glycogen metabolism

Downstream signaling events of B Cell Receptor (BCR)

White In the process activate PAKs

Antigen processing-Cross presentation

Axon guidance

Smooth Muscle Contraction

Glycogen metabolism

Downstream signaling events of B Cell Receptor (BCR)

Host Interactions of HIV factors

p53-Independent DNA Damage Response Signaling by the B Cell Receptor (BCR)XL7 down-regulates AURKA during mitotic entry and in early mitosis

Regulation of activated PAK-2p34 by proteasome mediated degradation

p53-Independent G1/S DNA damage checkpoint Downstream TCR signaling

Vpu mediated degradation of CD4

NOTCH3 Activation and Transmission of Signal to the Nucleus