

## 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) RHO GTPase Effectors Glycogen metabolism Downstream signaling events of B Cell Receptor (BCR)

Ubiquitin-dependent degradation of Cyclin D1 Asymmetric localization of PCP proteins
Ubiquitin-dependent degradation of Cyclin D

Regulation of Apoptosis

Vif-mediated degradation of APOBEC3G

p53-Independent DNA Damage Response signaling by the B Cell Receptor (BCF)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

Host Interactions of HIV factors