RHOC GTPase cycle Transcriptional regulation by small RNAs Transport of the SLBP Dependant Mature mRNA Transport of the SLBP independent Mature mRNA Nuclear Pore Complex (NPC) Disassembly SUMOylation of DNA replication proteins Transport of Mature mRNAs Derived from Intronless Transcripts Transport of Mature mRNA Derived from an Intronless Transcript PD-1 signaling Costimulation by the CD28 family Chemokine receptors bind chemokines Generation of second messenger molecules number of genes O 20 Phosphorylation of CD3 and TCR zeta chains Class A/1 (Rhodopsin-like receptors) G alpha (i) signalling events 08 Phase 4 – resting membrane potential pvalue 0.00075 Activation of the pre-replicative complex 0.00050 Immumoregulatory interactions between a Lymphoid and a non-Lymphoid cell Formation of the cornified envelope 0.00025 Antigen processing—Cross presentation Keratinization Cytokine Signaling in Immune system Endosomal/Vacuolar pathway ER-Phagosome pathway Antigen Presentation: Folding, assembly and peptide loading of class I MHC

Mitotic Spindle Checkpoint Amplification of signal from unattached kinetochores via a MAD2 inhibitory signal

Complement cascade Amplification of signal from the kinetochores Regulation of Complement cascade