PI3K/AKT Signaling in Cancer CD28 co-stimulation

Diseases of signal transduction

Phospholipid metabolism

PI Metabolism

Signaling by NTRKs

Intra-Golgi and retrograde Golgi-to-ER traffic Intracellular signaling by second messengers

Transmission across Chemical Synapses

Glycerophospholipid biosynthesis

Neuronal System

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size

Amplification of signal from the kinetochores

Signaling by Receptor Tyrosine Kinases

Metabolism of vitamins and cofactors

Mitotic Spindle Checkpoint

Amplification of signal from unattached kinetochores via a MADDAME (13) signal ing events

Death Receptor Signalling

Antigen processing: Ubiquitination & Proteasome degradation

Rho GTPase cycle NCAM signaling for neurite out-growth Regulation of TP53 Activity through Phosphorylation

NRAGE signals death through JNK

Homologous DNA Pairing and Strand Exchange

Cell death signalling via NRAGE, NRIF and NADE

Netrin-1 signaling

Signaling by PDGF

Mitotic Prometaphase

Regulation of hard of homologous DNA pairing and strand exchange

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