

Effects of PIP2 hydrolysis Negative regulation of the PI3K/AKT network

Cell death signalling via NRAGE, NRIF and NADE Diseases of signal transduction NRAGE signals death through JNK

Anchoring of the basal body to the plasma membrane

Neurexins and neuroligins

Cilium Assembly

Stimuli-sensing channels

on channel transport

Neuronal System

G alpha (12/13) signalling events

Protein-protein interactions at synapses

Transmission across Chemical Synapses

Neurotransmitter release cycle

Glycerophospholipid biosynthesis

Platelet activation, signaling and aggregation

Rho GTPase cycle

p75 NTR receptor-mediated signalling L1CAM interactions

Phospholipid metabolism

Laminin interactions

Signaling by Receptor Tyrosine Kinases

PI Metabolism

Netrin-1 signaling

Synthesis of PIPs at the plasma membrane

size

100

200

300

0.005 0.010

p.adjust

0.015 0.020