PI Metabolism Synthesis of PIPs at the plasma membrane

Phospholipid metabolism NRAGE signals death through JNK

Rho GTPase cycle

Signaling by Receptor Tyrosine Kinases G alpha (12/13) signalling events

Glycerophospholipid biosynthesis Cell death signalling via NRAGE, NRIF and NADE Antigen processing: Ubiquitination & Proteasome degradation

p75 NTR receptor-mediated signalling

Anchoring of the basal body to the plasma membrane

Intra-Golgi and retrograde Golgi-to-ER traffic

Rab regulation of trafficking

G-protein mediateaneaten beinding, activation of AMPA receptors and synaptic plasticity

RAB GEFs exchange GTP for GDP on RABs

Neurotransmitter receptors and postsynaptic signal transmission

Extracellular matrix organization

HS-GAG biosynthesis

L1CAM interactions

Laminin interactions

Transmission across Chemical Synensisen biosynthesis and modifying enzymes

Neurexins and neuroligins

Neuronal System

Protein-protein interactions at synapses

Notch-HLH transcription pathway

Trafficking of AMPA receptors

p.adjust

0.005

0.010

0.015 0.020

0.025

100

200

300

size