L1CAM interactions Intra-Golgi and retrograde Golgi-to-ER traffic PI Metabolism

Antigen processing: Ubiquitination & Proteasome degradation

Transport to the Golgi and subsequent modification

Asparagine N-linked glycosylation Phospholipid metabolism

Transport of inorganic cations/anions and amino acids/oligopeptides

Collagen formation

Regulation of actin dynamics for phagocytic cup formation

Extracellular matrix organization

Mitotic Prometaphase Laminin interactions

Neurexins and neuroligins

Non-integrin membrane-ECM interpretative B3GALTL causes Peters-plus syndrome (PS) Signaling by Receptor Tyrosine Kinases

Regulation of TP53 Activity

G alpha (12/13) signalling events

Cell death signalling via NRAGE, NRIF and NADE

p75 NTR receptor-mediated signalling

Protein-protein interactions at synapses

O-glycosylation of TSR domain-containing proteins

Activation of NMDA receptors and postsynaptic events

Rho GTPase cycle

NRAGE signals death through JNK

Neuronal System

Netrin-1 signaling

Transmission across Chemical Synapses

0.006

size

100

200

300

0.001 0.002 0.003

0.004 0.005

p.adjust