CRMPs in Sema3A signaling

Collagen formation

Extracellular matrix organization

Integrin cell surface interactions ECM proteoglycans

Cell-Cell communication

Signaling by ERBB4

Syndecan interactions

MET promotes cell motility

Semaphorin interactions

Heparan sulfate/heparin (HS-GAG) metabolism Glycosaminoglycan metabolism

RET signaling

Chondroitin sulfate/dermatan sulfate metabolism Platelet activation, signaling and aggregation HS-GAG biosynthesis

Collagen biosynthesis and modifying enzymes

Degradation of the extracellular matrix -Collagen chain trimerization protein interactions at synapses

Non-integrin membrane-ECM interactions Transmission across Chemical Synapses

Signaling by NTRKs

Glutamate Neurotransmitter Release Cycle

Signaling by Receptor Tyrosine Kinases

Dopamine Neurotransmitter Release Cycle GABA synthesis, release, reuptake and degradation

Neuronal System

Neurexins and neuroligins

Neurotransmitter release cycle

size

50

100

150

2e - 04

4e - 04

6e - 04

p.adjust