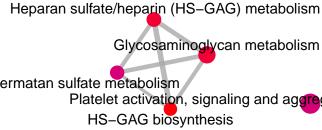


Extracellular matrix organization

Integrin cell surface interactions ECM proteoglycans

Syndecan interactions

Semaphorin interactions



RET signaling

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

Neurexins and neuroligins

Collagen biosynthesis and modifying enzymes

-Collagen chain trimerizatein–protein interactions at synapses

Degradation of the extracellular matrix Non-integrin membrane-ECM interactions Transmission across Chemical Synapses

MET promotes cell motility

Dopamine Neurotransmitter Release Cycle

Cell-Cell communication

Signaling by ERBB4

Signaling by NTRKs

Signaling by Receptor Tyrosine Kinases

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

Neuronal System

Neurotransmitter release cycle

size

50

100

150

2e - 04

4e - 04

6e - 04

p.adjust