Diseases associated with glycosaminoglycan metabolism Defective B4GALT7 causes EDS progeroid type

> Glycosaminoglycan metabolism Diseases of glycosylatective B3GALT6 causes EDSP2 and SEMDJL1

A tetrasaccharide linker sequence is required for GAG synthesis Causes JDSSDHD

Defective EXT2 causes exostoses 2

p.adjust

0.002

0.004

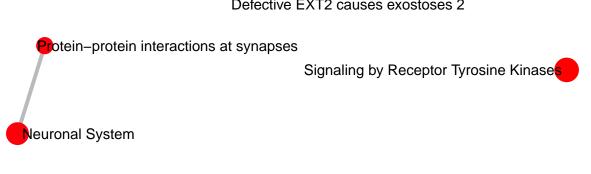
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20

60

size

Elastic fibre formation



MET activates PTK2 signaling Collagen biosynthesis and modifying enzymes ECM proteoglycans Laminin interactions

Non-integrin membrane-ECMynderactions

Collagen formation Integrin cell surface interactions with elastic fibres

Crosslinking of collager by isdation of the extracellular mater promotes cell motility

Assembly of collagen fibrils and other multimeric structures Extracellular matrix organization

Collagen chain trimerization

Anchoring fibril formation

RUNX2 regulates bone development