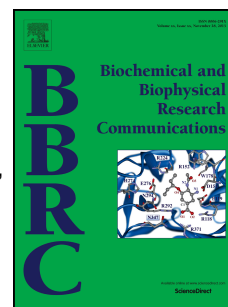


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Effects of intronic single nucleotide polymorphisms (iSNPs) of a polysialyltransferase, ST8SIA2 gene found in psychiatric disorders on its gene products

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Key words: ST8SIA2, polysialic acid, psychiatric disorder, bipolar disorder, autism spectrum disorder, intronic SNP

Abbreviations: ASD, autism spectrum disorder; BD, bipolar disorder; BDNF, brain derived neurotrophic factor; DA, dopamine; FGF2, fibroblast growth factor-2; NCAM: neural cell adhesion molecule; polySia, polysialic acid; PSA, polysialic acid; SNP, single nucleotide polymorphism; iSNP, intronic SNP; ST8SIA2, ST8 α -N-acetyl-neuraminide α -2,8-sialyltransferase.

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