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MAGT1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *MAGT1 wt Allele*. NCI Thesaurus. Code C157562.

Human MAGT1 wild-type allele is located in the vicinity of Xq21.1 and is approximately 69 kb in length. This allele, which encodes magnesium transporter protein 1, plays a role in magnesium ion transport and protein modification. Mutation of the gene is associated with X-linked intellectual disabilities and X-linked immunodeficiency with magnesium defect, Epstein-Barr virus infection and neoplasia.