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HLA-B wt Allele

National Cancer Institute

Source

National Cancer Institute. *HLA-B wt Allele*. NCI Thesaurus. Code C62779.

HLA-B wild-type allele is located in the vicinity of 6p21.3 and is approximately 3 kb in length. This allele, which encodes HLA class I histocompatibility antigen, B-7 alpha chain protein, plays a role in peptide presentation by the immune system. Certain allelic variants of the HLA-B gene are associated with susceptibility to ankylosing spondylitis, carbamazepine-induced Stevens-Johnson syndrome and allopurinol-induced severe cutaneous adverse reaction.