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HLA-DQA1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *HLA-DQA1 wt Allele*. NCI Thesaurus. Code C71266.

Human HLA-DQA1 wild-type allele is located in the vicinity of 6p21.3 and is approximately 6 kb in length. This allele, which encodes HLA class II histocompatibility antigen, DQ alpha chain protein, plays a role in antigen presentation and the regulation of the immune response. The gene is polymorphic and typing is often performed to determine histocompatibility for hematopoietic stem cell transplantation.