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RAG1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *RAG1 wt Allele*. NCI Thesaurus. Code C80070.

Human RAG1 wild-type allele is located in the vicinity of 11p13 and is approximately 12 kb in length. This allele, which encodes V(D)J recombination-activating protein 1, plays a role in the mediation of immunoglobulin recombination. Mutation of the gene is associated with several hereditary immunodeficiencies. Genetic variation may be associated with the relapse of acute lymphoblastic leukemia.