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# IL4R wt Allele

National Cancer Institute

## Source

National Cancer Institute. *IL4R wt Allele*. NCI Thesaurus. Code C51366.

Human IL4R wild-type allele is located within 16p11.2-12.1 and is approximately 35 kb in length. This allele, which encodes interleukin-4 receptor subunit alpha protein, plays a role in Th2 cell differentiation, immunoglobulin E (IgE) production and cellular proliferation regulation. Allelic variants are associated with atopy. This condition can be typified as allergic rhinitis, sinusitis, asthma, or eczema.