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# AIRE wt Allele

National Cancer Institute

## Source

National Cancer Institute. *AIRE wt Allele*. NCI Thesaurus. Code C114320.

Human AIRE wild-type allele is located in the vicinity of 21q22.3 and is approximately 12 kb in length. This allele, which encodes autoimmune regulator protein, plays a role in both transcriptional activation and the negative regulation of autoimmune responses. Mutation of the gene is associated with autoimmune polyendocrine syndrome 1.