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# GCGR wt Allele

National Cancer Institute

## Source

National Cancer Institute. *GCGR wt Allele*. NCI Thesaurus. Code C157479.

Human GCGR wild-type allele is located in the vicinity of 17q25.3 and is approximately 10 kb in length. This allele, which encodes glucagon receptor protein, is involved in hormone-dependent signaling. Mutation of the gene is associated with type 2 diabetes mellitus and glucagon cell hyperplasia and neoplasia.