

[Open Peer Review on Qeios](#)

# GNAS wt Allele

National Cancer Institute

## Source

National Cancer Institute. *GNAS wt Allele*. NCI Thesaurus. Code C52656.

Human GNAS wild-type allele is located in the vicinity of 20q13.3 and is approximately 71 kb in length. This allele, which encodes neuroendocrine secretory protein 55, protein ALEX and guanine nucleotide-binding protein G(s) subunit alpha isoforms short and XLas, is involved in the mediation of G-protein coupled receptor-dependent signal transduction. Mutations in this gene are associated with Albright's hereditary osteodystrophy.