

[Open Peer Review on Qeios](#)

ORAI1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *ORAI1 wt Allele*. NCI Thesaurus. Code C88518.

Human ORAI1 wild-type allele is located in the vicinity of 12q24.31 and is approximately 15 kb in length. This allele, which encodes calcium release-activated calcium channel protein 1, is involved in the modulation of both T-cell pathogen response and calcium influx. Mutation of the gene is associated with congenital severe combined immunodeficiency.