

[Open Peer Review on Qeios](#)

ARHGEF12 wt Allele

National Cancer Institute

Source

National Cancer Institute. *ARHGEF12 wt Allele*. NCI Thesaurus. Code C97437.

Human ARHGEF12 wild-type allele is located in the vicinity of 11q23.3 and is approximately 153 kb in length. This allele, which encodes Rho guanine nucleotide exchange factor 12 protein, is involved in the modulation of signaling that is mediated by both Rho-family GTPases or G-protein coupled receptors. The gene is involved in a translocation t(11;11)(q23;23) with the MLL gene which is associated with acute leukemia.