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BRCA2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *BRCA2 wt Allele*. NCI Thesaurus. Code C52061.

Human BRCA2 wild-type allele is located in the vicinity of 13q12.3 and is approximately 84 kb in length. This allele, which encodes breast cancer type 2 susceptibility protein, is involved in double-stranded DNA break repair, homologous recombination and transcriptional regulation. Certain allelic variants of the BRCA2 gene are associated with early-onset breast cancer, prostate cancer and Fanconi anemia.