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# RAD54B wt Allele

National Cancer Institute

## Source

National Cancer Institute. *RAD54B wt Allele*. NCI Thesaurus. Code C49408.

Human RAD54B wild-type allele is located within 8q21.3-q22 and is approximately 103 kb in length. This allele, which encodes DNA repair and recombination protein RAD54B, plays a role in both mitotic recombination and DNA repair. Certain allelic variants of the RAD54B gene are associated with several types of cancer such as colon cancer and primary lymphoma.