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RAD50 wt Allele

National Cancer Institute

Source

National Cancer Institute. *RAD50 wt Allele*. NCI Thesaurus. Code C104709.

Human RAD50 wild-type allele is located in the vicinity of 5q31 and is approximately 89 kb in length. This allele, which encodes DNA repair protein RAD50, is involved in DNA double-strand break repair, cell cycle checkpoint activation, telomere maintenance, and meiotic recombination. Mutations in this gene are associated with Nijmegen breakage syndrome-like disorder.