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RPS19 wt Allele

National Cancer Institute

Source

National Cancer Institute. *RPS19 wt Allele*. NCI Thesaurus. Code C53162.

Human RPS19 wild-type allele is located in the vicinity of 19q13.2 and is approximately 11 kb in length. This allele, which encodes 40S ribosomal protein S19, may play a role in both erythrocyte differentiation and protein synthesis. Mutations that result in the expression of a truncated gene are associated with Diamond-Blackfan anemia. Aberrant elevated expression of this gene is associated with some colon carcinomas.