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RAF1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *RAF1 wt Allele*. NCI Thesaurus. Code C51274.

Human RAF1 wild-type allele is located within 3p25 and is approximately 81 kb in length. This allele, which encodes RAF proto-oncogene serine/threonine-protein kinase protein, plays a role in the transduction of mitogenic signals from the cell membrane to the nucleus. Amplification of the RAF1 gene has been detected in certain cancers such as anaplastic large cell lymphomas, bladder carcinomas, nasopharyngeal carcinomas and hormone-resistant prostate cancer.