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# NEK1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *NEK1 wt Allele*. NCI Thesaurus. Code C132117.

Human NEK1 wild-type allele is located in the vicinity of 4q33 and is approximately 219 kb in length. This allele, which encodes serine/threonine-protein kinase Nek1 protein, is involved in cell division, cilia assembly and protein phosphorylation. Mutation of the gene is associated with short-rib thoracic dysplasia 6 with or without polydactyly.