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# RYK wt Allele

National Cancer Institute

## Source

National Cancer Institute. *RYK wt Allele*. NCI Thesaurus. Code C51177.

Human RYK wild-type allele is located within 3q22 and is approximately 94 kb in length. This allele, which encodes tyrosine-protein kinase RYK protein, plays a role in Wnt-mediated signaling which regulates developmental processes such as cell proliferation, differentiation and epithelial-mesenchymal interactions. The RYK gene is overexpressed in epithelial ovarian cancer.