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TFG wt Allele

National Cancer Institute

Source

National Cancer Institute. *TFG wt Allele*. NCI Thesaurus. Code C97835.

Human TFG wild-type allele is located in the vicinity of 3q12.2 and is approximately 40 kb in length. This allele, which encodes protein TFG, plays a role in the modulation of signaling. A chromosomal translocation t(2;3)(p23;q21) of this gene and the ALK gene is associated with anaplastic large cell lymphoma. A second translocation t(1;3)(q21;q11) of this gene and the NTRK1 gene is associated with thyroid papillary carcinoma. A third translocation of this gene and the NR4A3 gene is associated with extraskeletal myxoid chondrosarcoma.