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DUX4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *DUX4 wt Allele*. NCI Thesaurus. Code C97464.

Human DUX4 wild-type allele is located in the vicinity of 4q35.2 and is approximately 2 kb in length. This allele, which encodes double homeobox protein 4, is involved in the modulation of transcription. This gene is within a D4Z4 repeat array; contraction of this macrosatellite repeat is associated with facioscapulohumeral muscular dystrophy (FSHD). A chromosomal translocation t(4;19)(q35;q13) involving this gene and the CIC gene is associated with soft tissue sarcoma.