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BMP4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *BMP4 wt Allele*. NCI Thesaurus. Code C95042.

Human BMP4 wild-type allele is located within 14q22-q23 and is approximately 7 kb in length. This allele, which encodes bone morphogenetic protein 4, plays a role in cartilage and bone formation, mesoderm induction, tooth development, and limb formation. Mutation of the gene is associated with microphthalmia syndromic type 6 and non-syndromic orofacial cleft type 11.