# BRAF

Gen: BRAF

Ensembl Code: ENSG00000157764

RefSeq Code: NM\_001354609

Locatie: Chr 7: 140719327 - 140924929

Omschrijving:

BRAF is a human gene that encodes a protein called B-Raf. The gene is also referred to as proto-oncogene B-Raf and v-Raf murine sarcoma viral oncogene homolog B, while the protein is more formally known as serine/threonine-protein kinase B-Raf. The B-Raf protein is involved in sending signals inside cells which are involved in directing cell growth. In 2002, it was shown to be mutated in some human cancers. Certain other inherited BRAF mutations cause birth defects. Drugs that treat cancers driven by BRAF mutations have been developed. Two of these drugs, vemurafenib and dabrafenib are approved by FDA for treatment of late-stage melanoma. Vemurafenib was the first approved drug to come out of fragment-based drug discovery.

Afbeelding met kunst, Kleurrijkheid, Graphics, Fractaalkunst

Automatisch gegenereerde beschrijving