HMGB1 wt Allele

National Cancer Institute

Source

National Cancer Institute. HMGB1 wt Allele. NCI Thesaurus. Code C52076.

Human HMGB1 wild-type allele is located within 13q12 and is approximately 159 kb in length. This allele, which encodes high mobility group protein B1, is involved in a number of DNA-related subcellular processes such as initiation of transcription, DNA repair and DNA recombination. Expression of the HMGB1 gene is associated with inflammation resulting in both lethal conditions (e.g., endotoxemia, sepsis) and diseases such as arthritis.