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# H2AX wt Allele

National Cancer Institute

## Source

National Cancer Institute. *H2AX wt Allele*. NCI Thesaurus. Code C52486.

Human H2AX wild-type allele is located within 11q23.2-q23.3 and is approximately 2 kb in length. This allele, which encodes histone H2AX protein, is involved in the modulation of transcription, DNA replication and chromosomal stability. The allele may play a role in the regulation of both immunoglobulin class switch recombination and DNA double strand break repair.