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# CYBB wt Allele

National Cancer Institute

## Source

National Cancer Institute. *CYBB wt Allele*. NCI Thesaurus. Code C106595.

Human CYBB wild-type allele is located in the vicinity of Xp21.1 and is approximately 33 kb in length. This allele, which encodes cytochrome B-245 heavy chain protein, is involved in the microbicidal oxidase system of phagocytes. Mutations in this gene are associated with both atypical mycobacteriosis, familial, X-linked 2 and chronic granulomatous disease, X-linked.