

[Open Peer Review on Qeios](#)

PDE8B wt Allele

National Cancer Institute

Source

National Cancer Institute. *PDE8B wt Allele*. NCI Thesaurus. Code C114557.

Human PDE8B wild-type allele is located in the vicinity of 5q13.3 and is approximately 219 kb in length. This allele, which encodes high affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8B protein, is involved in second messenger metabolism. Mutation of the gene is associated with both autosomal dominant striatal degeneration and primary pigmented nodular adrenocortical disease 3.