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CYP3A4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *CYP3A4 wt Allele*. NCI Thesaurus. Code C52363.

Human CYP3A4 wild-type allele is located in the vicinity of 7q21.1 and is approximately 27 kb in length. This allele, which encodes cytochrome P450 3A4 protein, plays a role in the oxidation of steroids, drugs, carcinogens and other xenobiotics. CYP3A4 gene dysfunction is associated with both lung cancer and epipodophyllotoxin-induced leukemogenesis.