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CYP3A Gene Locus

National Cancer Institute

Source

National Cancer Institute. *CYP3A Gene Locus*. NCI Thesaurus. Code C107557.

Human CYP3A gene locus is located within 7q21.3-q22.1 and is approximately 218 kb in length. This locus includes four protein-encoding genes, CYP3A4, CYP3A5, CYP3A7 and CYP3A43, and two pseudogenes, CYP3A5P1 and CYP3A5P2. The protein-encoding genes are involved in drug metabolism and the biosynthesis of cholesterol, steroids and other lipids.