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EGF A61G Allele

National Cancer Institute

Source

National Cancer Institute. *EGF A61G Allele*. NCI Thesaurus. Code C78136.

Human EGF A61G allele is located in the vicinity of 4q25 and is approximately 99 kb in length. The A61G allele is a polymorphism in the promoter region of the EGF gene where an adenosine residue is replaced by a guanosine at position 61 in the genomic DNA, which encodes pro-epidermal growth factor precursor protein. This allele may be associated with aberrant expression of the protein and decreased incidence of cirrhosis, hepatocellular carcinoma, malignant melanoma and gastric cancer.