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# FLT3 Activation Loop Mutation

National Cancer Institute

## Source

National Cancer Institute. *FLT3 Activation Loop Mutation*. NCI Thesaurus. Code C120063.

A mutation in the region of the FLT3 gene that encodes the second tyrosine kinase domain of the receptor-type tyrosine-protein kinase FLT3 that causes the stabilization of the activation loop of the kinase domain. FLT3 activation loop mutations lead to constitutive tyrosine kinase activity and are associated with acute myeloid leukemia.