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EML4/ALK Fusion Gene Variant 3b

National Cancer Institute

Source

National Cancer Institute. *EML4/ALK Fusion Gene Variant 3b*. NCI Thesaurus. Code C99729.

A fusion gene (~2.5 kb) that results from a chromosomal inversion inv(2)(p21p23) which fuses exon 6b of the EML4 gene with exons 20-29 of the ALK gene. This fusion is associated with non-small cell lung cancer. Multiple transcript variants are possible based on the breakpoint for the EML4 gene.