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EML4/ALK Fusion Gene

National Cancer Institute

Source

National Cancer Institute. *EML4/ALK Fusion Gene*. NCI Thesaurus. Code C99724.

A fusion gene that results from a chromosomal inversion inv(2)(p21p23) which fuses the 5' portion 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.