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# Oncogene FPS-FES

National Cancer Institute

## Source

National Cancer Institute. *Oncogene FPS-FES*. NCI Thesaurus. Code C18453.

Human Oncogene FPS-FES is a mutated variant of FES Gene (FES/FPS Subfamily), which encodes 822 aa 93-kDa Tyrosine-Protein Kinase FES/FPS, a tyrosine-specific protein kinase involved in normal hematopoiesis and containing an FCH and SH2 domain. The FES chromosomal location is linked to a translocation identified in patients with acute promyelocytic leukemia. A truncated transcript is generated utilizing a start site in a far downstream exon. Oncogene FPS-FES disrupts normal cell function.