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TMPRSS2/ETV1 Fusion Gene

National Cancer Institute

Source

National Cancer Institute. *TMPRSS2/ETV1 Fusion Gene*. NCI Thesaurus. Code C99517.

A fusion gene that results from a chromosomal translocation t(7;21)(p21;q22) which fuses the 5' end of the TMPRSS2 gene with exon 4 of the ETV1 gene. This rearrangement is associated with prostate carcinoma and androgen-dependent expression of this fusion gene results in overexpression of ETS translocation variant 1 protein activity.