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# TMPRSS2/ETV5 Fusion Gene

National Cancer Institute

## Source

National Cancer Institute. *TMPRSS2/ETV5 Fusion Gene*. NCI Thesaurus. Code C116014.

A fusion gene that results from a chromosomal translocation t(3;21)(q28;q22) which fuses either the 5' untranslated region or the 5' end including exons 1 and 2 of the TMPRSS2 gene with exon 2 of the ETV5 gene. This rearrangement is associated with prostate carcinoma and androgen-dependent expression of this fusion gene results in overexpression of ETS translocation variant 5 protein activity.