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TMPRSS2/ETV4 Fusion Gene

National Cancer Institute

Source

National Cancer Institute. *TMPRSS2/ETV4 Fusion Gene*. NCI Thesaurus. Code C116015.

A fusion gene that results from a chromosomal translocation t(17;21)(q21;q22) which fuses the 5' untranslated region of the TMPRSS2 gene upstream of exon 3 of the ETV4 gene. This rearrangement is associated with prostate carcinoma and androgen-dependent expression of this fusion gene results in overexpression of ETS translocation variant 4 protein activity.