
A Taq I polymorphism for the human transforming growth factor alpha gene (TGFA)

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SOURCE/DESCRIPTION: The structures of phTGf1-10-925, and ph-TGf1-10-3350, containing the 5' and 3' regions of the TGF α cDNA respectively, have been described previously (Murray et al, 1986).

POLYMORPHISM: Taq I identifies the same infrequent RFLP with both phTGf1-10-925 and phTGf1-10-3350.

FREQUENCY: Studied in 50 unrelated Caucasoids.

3.0kb	0.94
2.7kb	0.06

Constant bands were detected at 2.1, 1.8 and 1.2 kb with phTGFF-10-925, and at 1.7 and 0.9 kb with phTGf1-10-3350.

NOT POLYMORPHIC FOR: Bcl I, Bgl II, EcoR I, EcoR V, Hae III, Hind III, Hinf I, Kpn I, Msp I, Pst I, Pvu II, Sac I, Xba I, Xho I (Murray et al 1986)

CHROMOSOMAL LOCALIZATION: 2p13 (Tricoli et al, 1985).

MENDELIAN INHERITANCE: Demonstrated in one family.

PROBE AVAILABILITY: Contact G.I. Bell.

OTHER COMMENTS: Rsa I and BamH I polymorphisms for TGFA have been reported previously (Murray et al, 1986).

REFERENCES: Murray, J.C. *et al* (1986) *Nucleic Acids Res.* **14**, 7136.
Tricoli, J.V. *et al* (1985) *Cytogenet. Cell Genet.* **40**,762.

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