The anonymous probe pG50 identifying the locus D13S24 detects a two allele RFLP with SspI

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SOURCE/DESCRIPTION: Probe pG50 contains a 1.8kb fragment subcloned into the EcoRI site of pBR329. The 1.8kb fragment was derived from an EMBL bacteriophage that was isolated from a chromosome 13 specific library (1,2).

POLYMORPHISM: SspI (AAT/ATT) detected a two allele polymorphism with fragment lengths of 1.05kb and 1.00kb and constant bands of 4.0kb and 0.7kb.

FREQUENCY: Estimated from 73 unrelated Caucasoids:
1.05kb (A1): 0.81
1.00kb (A2): 0.19

NOT POLYMORPHIC FOR: AccI, ApaI, ApaLI, AvaI, BanII, BclI, BglI, BglII, BspI286, BstEII, DraI, EcoRI, EcoRV, HaeIII, HgaI, HincII, HindIII, HinfI, KpnI, MboI, MspI, PvuII, PstI, RsaI, ScaI, ScrFI, SstI, StuI, StyI, TaqI, XbaI and XmnI.

CHROMOSOMAL LOCALISATION: Localised to 13q22-qter using a panel of cell lines with different interstitial chromosome 13 deletions.

MENDELIAN INHERITANCE: Co-dominant segregation was observed in 14 families (175 individuals).

PROBE AVAILABILITY: Available for collaboration. Contact C.H.C.M. Buys.

REFERENCES: 1. Scheffer et al., (HGM8) Cytogenet. Cell. Genet. 40:738 (1985)
2. Scheffer et al., Hum. Genet. 74:249-255 (1987)

ACKNOWLEDGEMENTS: This work was supported by NIH grant GM28428 and the Netherlands Cancer Foundation.