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An *Msp*I RFLP detected by the human glandular kallikrein gene (hGK) on chromosome 19q

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Source/Description: A 1.5 kb hGK-cDNA segment cloned in the EcoRI site of pUC9.

Polymorphism: MspI (CCGG) detects a two allele polymorphism with bands at either 2.0 kb or 1.8 kb. Faint constant bands light up at 2.4 kb, 1 kb and 0.8 kb. Not polymorphic for TaqI and PstI, when tested on chromosomal DNA of ten unrelated individuals.

Frequency: Studied in 60 unrelated Caucasians: 2 kb allele (A1) 0.2 and 1.8 kb allele (A2) 0.8.

Chromosomal Localisation: Localised at 19q13.2-qter by Southern blot analysis using a panel of human-rodent somatic cell hybrids containing unique segments of 19q (Schonk *et al.* 1989).

Mendelian Inheritance: Co-dominant segregation demonstrated in 8 myotonic dystrophy families.

Probe Availability: Contact P. Riegman.

Reference: Schonk *et al.* (1989) *Genomics* **4**, 384–396.

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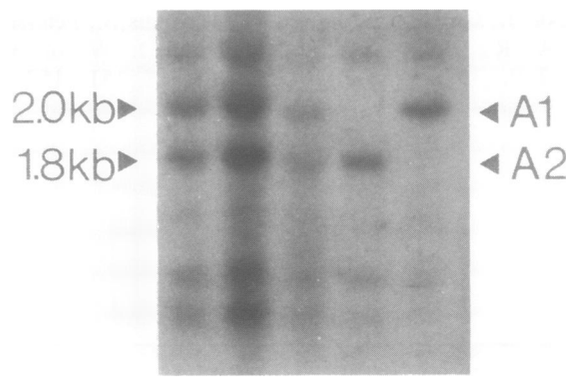

*Sty*I RFLP of the human platelet derived growth factor (PDGF) A-chain gene

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Source and Description of Clone: A human 1.3 kbp cDNA fragment (clone D1) spanning exons 1 to 7 of the PDGF A-chain gene and including some of the flanking regions (1).

Polymorphism: StyI digestion reveals multiple alleles ranging from 1.1 to approximately 1.7 kbp in size.

Frequency: The heterozygosity rate in 40 unrelated Caucasian subjects was 40% (16/40).

Not Polymorphic For: BamH I, Bgl I, EcoR I, Sst I and Xba I in twelve individuals.

Chromosomal Localisation: Long arm of chromosome 7. 7q11.23 (2).

Mendelian Inheritance: Co-dominant inheritance in one family.

Probe Availability: Contact C-H Heldin, Ludwig Institute, Biomedicum 5–751 23 Uppsala, Sweden.

Other Comments: Best visualized by separating fragments on a 0.85% agarose gel at 1.5 V/cm for 20 hours.

References: 1. Betsholtz,C. *et al.* (1986) *Nature* **320**, 695–699, 2. Stenman *et al.* (1988) *Exp. Cell Res.* **178**, 180–184.

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