A TaqI RFLP of the human plasminogen gene

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SOURCE: A270 bp PstI-RsaI fragment of clone pPLGKG (1) was used as a probe.

POLYMORPHISM: TaqI identifies two allelic restriction fragments of 9kb (A1) and 6.5 kb (A2).

FREQUENCY: Studied in 51 European-Caucasian, 30 males, 21 females:

9.0 kb allele (A1) 0.94

6.5 kb allele (A2) 0.06

NOT POLYMORPHIC FOR: PstI, AvaII, Hind III, BamHI, EcoRI.

CHROMOSOMAL LOCALIZATION: On chromosome 6 at bands 6q26-q27(2).

MENDELIAN INHERITANCE: Codominant segregation demonstrated in two generating families (25 individuals).

PROBE AVAILABILITY: Dr. L.O. Heden

OTHER COMMENTS: RFLPs were detected under normal conditions of hybridization and washing.

REFERENCE: 1. Forsgren M. et al. (1987) FEBS LETTERS 213, 254.
2. Murray J. et al. (1987) Am. J. Hum. Genet. 40, 338.

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