
A human single-copy DNA probe (DR 47) detects a Taq I RFLP on chromosome 9 (D9S5)

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SOURCE AND DESCRIPTION OF CLONE: 1.68 kbp anonymous genomic DNA into the Pst I site of pBR 322

POLYMORPHISM: Taq I (T/CGA) identifies a two allele polymorphism with bands at about 4.0 kbp and 5.0 kbp

FREQUENCY: Studied 83 European Caucasians
4.0 kbp allele (A1) 0.92 (153 chromosomes)
5.0 kbp allele (A2) 0.08 (13 chromosomes)

NOT POLYMORPHIC FOR: Eco R I, Bgl II, Bam H I and Hind III with a panel of 9 unrelated Caucasians.

CHROMOSOMAL LOCALISATION: Polymorphic bands localised on chromosome 9 using a panel of human-rodent somatic cell hybrids.

MENDELIAN INHERITANCE: Co-dominant segregation shown in 3 informative families with 23 individuals.

PROBE AVAILABILITY: Available for collaboration.

OTHER COMMENTS: No clear result for a RFLP could be detected after Msp I digestion.

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