A new TaqI allele at DXS52 frequent in Algeria

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SOURCE/DESCRIPTION: St14, an anonymous DNA probe at locus DXS52, detects multiple insertion/deletion polymorphic fragments after digestion with TaqI (1-3)

POLYMORPHISM: In the Algerian population, TaqI identifies a new allele of 14 kb called 1DZ.

FREQUENCY: Studied in 192 unrelated Algerian individuals (97 males and 95 females).

1DZ allele : 3.1% (9/287 X chromosomes)

NOT POLYMORPHIC FOR: - as previously.

CHROMOSOMAL LOCALISATION: Xq28 (1)

MENDELIAN INHERITANCE: codominant pattern of inheritance shown in 3 two-generation families (14 individuals)

PROBE AVAILABILITY: contact J.L. Mandel

OTHER COMMENTS: The 1DZ allele is larger than the 1A allele found by C. Schwartz in American Blacks (4). This allele increases informativity of the DXS52 locus for haemophilia A prenatal diagnosis and carrier detection in Algeria.

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