RFLP identified by the anonymous DNA segment FZ V D11 at 22q13 [HGM9 no.D22S80]

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SOURCE AND DESCRIPTION OF CLONE : a 0.6 Kb single copy EcoRI-HindIII fragment subcloned in pTZ18R derived from a Lawrence Livermore flow sorted chromosome 22 library (ID code LL22NS01).

POLYMORPHISM : MspI identifies a simple two alleles polymorphism with bands at either 0.9 Kb (A1) or 0.7 Kb (A2).

FREQUENCY : Studied in 24 unrelated Caucasians, 0.9 Kb allele (A1) : 0.58
0.7 Kb allele (A2) : 0.42

NOT POLYMORPHIC FOR : TaqI in 12 unrelated individuals.

CHROMOSOMAL LOCALISATION : Localised to 22q13 by somatic cell hybrids and in situ hybridization.

MENDELIAN INHERITANCE : Codominant inheritance demonstrated in four, three generation families (40 members).

PROBE AVAILABILITY : Contact G. Thomas.

OTHER COMMENTS : Low background at usual stringency (2 x SSC, 65° C).

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