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**Frequent RFLP recognised by an anonymous sequence localised to 11q13 - q14 [D11S.3.7.(E79)]**

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**SOURCE AND DESCRIPTION OF CLONE:** A 13.2kb genomic fragment inserted into the Eco RI site of the phage  $\lambda$ L47.1 isolated from a human genomic DNA library.

**POLYMORPHISM:** Recognises a two allele RFLP consisting of either a fragment of 20kb or 2 fragments of 13.7kb and 5.7kb when used to probe human genomic DNA digested with Hind III (A/AGCTT) (Boehringer Mannheim). Invariant fragments present of 15kb and 3.9kb.

**FREQUENCY:** 26 Caucasians were studied.  
Hind III site absent (20kb fragment) 0.57  
Hind III site present (13.7kb + 5.7kb fragments) 0.43

**NOT POLYMORPHIC FOR:** Bam HI, Eco RI, Msp I, Pst I, Rsa I, Taq I with DNA of 5 unrelated individuals.

**CHROMOSOMAL LOCALISATION:** The probe was mapped to 11pter - q21 using a panel of somatic cell hybrids (Fox & Retief, 1986) and localised to 11q13 - q14 by means of in-situ hybridization.

**MENDELIAN INHERITANCE:** Co-dominant segregation demonstrated in 5 informative families (21 individuals).

**PROBE AVAILABILITY:** Available for collaboration.

**OTHER COMMENTS:** The probe was pre-reassociated with an excess of sonicated total human DNA (Sealey et al, 1985).

**REFERENCES:** Fox MF & Retief AE (1986) SAJ Science 82(6) 305-312. Sealey PG, Whittaker PA and Southern EM (1985). Nucl Acids Res 13(6) 1905-1922.

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