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A Pst I polymorphism in the human laminin B2 chain gene on 1q25−q31

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SOURCE AND DESCRIPTION OF CLONES: pHL-210 is a 2.7 kb cDNA insert in pBR322 that codes for the central position of the 7.5 kb mRNA (1).

POLYMORPHISM: A Pst I polymorphism identified with pHL-210.
Allele 1: 2.0 kb Allele 2: 1.7 kb
Invariant bands: 7.5 kb, 5.6 kb, 3.8 kb, 2.4 kb, 1.3 kb and 1.1 kb

FREQUENCY: Studied in 40 chromosomes of unrelated Finnish individuals
Allele 1: 0.77 Allele 2: 0.23

NOT POLYMORPHIC FOR: Fok I, Hae III, Hinc II, Hinf I, Msp I, Pvu II in 20 unrelated Finnish individuals.

CHROMOSOMAL LOCALIZATION: Chromosome 1q25-q31 by somatic cell and *in situ* hybridization (2).

MENDELIAN INHERITANCE: Codominant inheritance in three families.

PROBE AVAILABILITY: Contact Karl Tryggvason

REFERENCES: (1) Pikkarainen *et al.*, J. Biol. Chem. 263, 6751-6758, 1988
(2) Fukushima *et al.*, Cytogen. Cell Genet. 48, 137-141, 1988

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