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**XhoI polymorphism at the human pronatriodilatin (hPND) gene locus**

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Mona Nemer, Diane Sirois and Jacques Drouin

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Institut de Recherches Cliniques de Montréal, 110 Ouest, Avenue des Pins, Montréal, Québec H2W 1R7, Canada

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**SOURCE/DESCRIPTION** pJAl10 is a 1 Kb BamHI-XhoII human genomic fragment containing the first and second exons of the hPND gene (1).

**POLYMORPHISM** XhoI detects two allelic fragments of 10 and 12 Kb.

**FREQUENCY** Studied in 79 unrelated French Canadians.  
10 Kb allele: 0.54  
12 Kb allele: 0.46

**NOT POLYMORPHIC FOR** EcoRI, BamHI, XbaI, SacI and HindIII.

**CHROMOSOMAL LOCALISATION:** hPND gene was mapped to the distal short arm of chromosome 1 by in situ hybridization and southern blot analysis of DNA from human-hamster somatic cell hybrids (2).

**MENDELIAN INHERITANCE** Co-dominant segregation observed in 9 families (43 individuals).

**PROBE AVAILABILITY** Requests for probe to M.N. at the above address.

**OTHER COMMENTS** Partial digestion often encountered after overnight incubation. Low background under usual stringency conditions.

**REFERENCES**  
1- Nemer, M. *et al.* (1984) *Nature* 312, 654-656.  
2- Yang-Fen, T.L. *et al.* (1985) *Am. J. Hum. Genet* 37, 1017-1128.

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