TaqI polymorphism at the 3' end of the human pronatriodilatin gene (hPND)

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SOURCE/DESCRIPTION pJA119 is a 2 Kb EcoRI fragment located 3.5 Kb downstream of the hPND gene (1).

POLYMORPHISM TaqI reveals two allelic fragments of 2.2 and 2.8 Kb.

FREQUENCY Studied in 45 unrelated French Canadians.
2.8 Kb allele: 0.97
2.2 Kb allele: 0.03

NOT POLYMORPHIC FOR
Not extensively screened.

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 1 family (6 individuals).

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

OTHER COMMENTS
Hybridization and washings under usual stringency conditions.

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

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