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**BclI RFLP for the human vimentin gene**

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**Source/Description** : A 1.1 kb cDNA clone (hp4F1) encoding the human vimentin gene identified in a human library by screening with 4F1, a hamster vimentin cDNA (Ferrari et al, 1986).

**Polymorphism** : BclI (TGATCA) recognises a two allele polymorphism :

Bands A1 : 8.1 kb

A2 : 3.6 kb

There is a faint constant band at 15.8 kb.

**Frequency** : in 47 unrelated Caucasian individuals:

A1 : 0.70

A2 : 0.30

**Not polymorphic for** : AccI, AvaI, AvaII, BamHI, BanII, BglI, BstNI, BstXI, ClaI, EcoRI, HincII, HindIII, StuI.

**Chromosome location** : Mapped to chromosome 10pter-10q23 using somatic cell hybrids and to 10p13 by in situ hybridisation (Ferrari et al, 1987).

**Mendelian inheritance** : Codominant segregation was observed in 2 informative families.

**Probe availability** : Contact R. Baserga.

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**References** :

Ferrari, S. et al; Mol Cell Biol, 6: 3614-3620 (1986).

Ferrari, S. et al; Amer J Hum Genet, 41: 616-626 (1987).