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**A TaqI RFLP demonstrated for pIBS17 [D4S123], a single copy sequence on chromosome 4**

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**Source/Description:** pIBS17 is a 1.2 kb single copy HindIII fragment isolated from a human chromosome 4 specific library (LL04NS01) and subcloned into pIBI30.

**Polymorphism:** A two allele polymorphism was identified with TaqI.

**Frequency:** Based on typing over 100 unrelated individuals from CEPH families:

TaqI 11kb/10kb-0.21/0.79

Not polymorphic for ApaI, ApaLI, BamHI, BclI, BglI, BglII, EcoRI, EcoRV, HaeIII, HincII, HindIII, HinfI, KpnI, MboII, MspI, PstI, PvuII, RsaI, SacI, Sau3AI, StuI and XbaI with DNA from seven unrelated Caucasians.

**Chromosomal Location:** Probe is linked to RAF2 on 4p. (Gilliam et al, 1987).

**Mendelian Inheritance:** Codominant segregation and Hardy-Weinberg equilibria demonstrated in 40 CEPH families.

**Probe Availability:** Contact J. Murray, The University of Iowa, Iowa City, Iowa.

**Reference:** Gilliam, TC et al. Cell 50:565-571, 1987.

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