
A BamHI RFLP of the C8B gene

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SOURCE/DESCRIPTION: A cDNA clone of 1.95 kb was isolated from a human cDNA library (1) and cloned into PAT153/PvuII/8 (2).

POLYMORPHISM: BamHI identifies a two allele polymorphism (B1: 2.4 kb, B2: 2.8 kb and a constant band of 3.6 kb).

FREQUENCY: Estimated frequency from 72 unrelated Caucasians:
B1: 0.59
B2: 0.41

NOT POLYMORPHIC FOR: EcoRI, HpaI, HinfI, Xho, ClaI.

CHROMOSOMAL LOCALIZATION: C8A and C8B have previously been mapped to the short arm of chromosome 1 by linkage analyses (3).

MENDELIAN INHERITANCE: Codominant segregation of the BamHI RFLP was observed in 18 two-generation families with 22 offspring.

PROBE AVAILABILITY: Contact J.S.

OTHER COMMENTS: RFLPs were observed under normal hybridization and wash stringencies.

REFERENCES:

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