Gamma-glutamyl transferase locus (*GGT*) displays a *Pvu*II polymorphism

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SOURCE/DESCRIPTION: A 1.3 kb *Eco* RI fragment from the 3' end of the cDNA was subcloned into pUC18 (14HS).

POLYMORPHISM: Recognizes a two allele polymorphism when used to probe human genomic DNA digested with *Pvu*II (see figure). The alleles are 3.8 kb and 3.5 kb in size with a frequency of 55% and 45%, respectively. Invariant bands of 5.3, 2.7, 2.2 and 1.65 kb were observed.

CHROMOSOMAL LOCATION: Chromosome 22 by somatic cell hybrids and linkage analysis.

NOT POLYMORPHIC FOR: *Msp*I, *Ssp*I, *Eco*RI, *Bam*HI, *Hind*III, *Sac*I, *Eco*T22, *Bgl*II, *Xmn*I, *Sca*I, *Xba*I, *Dra*I, *Hinf*I, *Rsa*I, *Ava*I, *Eco*R5, *Kpn*I, *Bst*XI, *Stu*I, *Ban*III, *Asp*718, *Nde*I, *Hph*I, *Tth*I, *Bcl*I, *Dde*I, *Sty*I, *Pst*I, *Hinc*II, and *Ban*I in five unrelated individuals.

MENDELIAN INHERITANCE: Co-dominant segregation in 10 informative families.

PROBE AVAILABILITY: Contact Dr. E. Cohen, Integrated Genetics, Inc.

OTHER COMMENTS: The RFLP was observed under normal hybridization and wash stringencies.