An *Ava*II polymorphism in the haptoglobin α gene (HPA)

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SOURCE/DESCRIPTION: A 480bp cDNA clone in pEMBL9 excised by PstI, BamHI digestion representing the haptoglobin α^2 chain (1).

POLYMORPHISMS: A constant band is seen at 3.2Kb with polymorphic bands at 2.7 and 4.4 Kb. This represents a length polymorphism, not a site polymorphism. It is reflecting the same gene duplication seen in the HindIII polymorphism at this locus (2).

FREQUENCY: In 76 unrelated individuals
2.7 Kb (A1) = 0.35
4.4 Kb (A2) = 0.65

CHROMOSOMAL LOCALISATION:

16q (22) (3).

MENDELIAN INHERITANCE: Demonstrated in two extended families.

PROBE AVAILABILITY: From Dr. S. Oliviero, EMBL, Heidelberg, Germany.

OTHER COMMENTS: This *Ava*II RFLP at the haptoglobin locus appears to be in linkage equilibrium with a TaqI RFLP at the CETP locus (4). (n=228 $\Delta = -0.02$)

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