A *Stu*I RFLP upstream of the low density lipoprotein receptor (LDLR) gene

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SOURCE/DESCRIPTION: Cosmid RH15A spans a region of 40 kb of DNA immediately 5' to the LDLR gene. A restriction map of the cosmid is shown in Figure 1.

POLYMORPHISM: The whole cosmid was used as a probe. *Stu*I identifies a two-allele polymorphism (S1: 20 kb, S2: 12.5 and 7.5 kb, constant band 5.3 kb) shown in Figure 2.

FREQUENCY: Estimated from 28 unrelated Caucasians: S1: 0.86; S2: 0.14.

NOT POLYMORPHIC FOR: *Bgl*II, *Bst*EII, *Bst*XI, *Dra*I, *Eco*RV, *Hinc*II, *Xmn*I, *Msp*I, *Taq*I, *Bam*HI, *Bgl*II, *Pst*I, *Eco*RI or *Hind*III.

CHROMOSOMAL LOCALIZATION: The LDLR gene has been mapped to 19p13.2.

MENDELIAN INHERITANCE: Co-dominant segregation was observed in one 2 generation family.

PROBE AVAILABILITY: Contact R.A.H.

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Fig. 1

Fig 2