
NcoI RFLP at the human apolipoprotein CII gene locus

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SOURCE/DESCRIPTION: 0.4 kb human apo CII cDNA isolated from a human liver cDNA library and subcloned into the Eco RI site of pBR329 (1).

POLYMORPHISM: NcoI detects two allelic fragments of 11.5 kb and 14.5 kb.

FREQUENCY: Studied in 200 unrelated Caucasians.
11.5 kb allele 0.7
14.5 kb allele 0.3

NOT POLYMORPHIC FOR: BanII, BglII, DraI, Eco RI, Eco RV, HphI, PstI, PvuII, SacI, SalI, StuI, StyI

CHROMOSOMAL LOCALISATION: Human apo CII gene assigned to chromosome 19 by Southern blot analysis of DNA from human-rodent somatic cell hybrids (2).

MENDELIAN INHERITANCE: Co-dominant segregation observed in 2 families (14 individuals).

PROBE AVAILABILITY: Requests for probe to P.F. at the above address.

OTHER COMMENTS: Low background at usual stringency conditions.

REFERENCE: 1. Frossard, P.M. *et al.* (Submitted).
2. Jackson, C.L. *et al.* (1984) PNAS 81, 2945-9.

ACKNOWLEDGEMENTS: This work was supported by Biotechnology Research Partners. Ltd.

