TaqI polymorphism in the human LDL receptor gene

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SOURCE AND DESCRIPTION: The probe that contains exon 1 to 8 was generated from pLDLR3. pLDLR3 contains a full-length LDL receptor cDNA (Yamamoto et al., 1984)

POLYMORPHISM: TaqI identifies a bi-allelic polymorphism with a band of 1.7kb and 0.6kb.


<table>
<thead>
<tr>
<th>Fragment</th>
<th>Frequency</th>
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<tr>
<td>1.7kb</td>
<td>0.69</td>
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<tr>
<td>0.6kb</td>
<td>0.31</td>
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NOT POLYMORPHISMS: In 50 individuals no polymorphisms were detected with BamHI, BglII, EcoRI, EcoRV and MspI.


MENDELIAN INHERITANCE: Co-dominant segregation observed in 4 families (19 individuals).

COMMENTS: In fifty people studied, this TaqI-RFLP is in linkage equilibrium with the previously reported four RFLPs (PvuII, PstI, AvaII, NcoI).


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