A Taq I polymorphism for the human transforming growth factor alpha gene (TGFA)

N.K. Hayward, D.J. Nancarrow and G.I. Bell

The Queensland Institute of Medical Research, Bramston Terrace, Herston, Brisbane 4006, Australia and The University of Chicago, Howard Hughes Medical Institute, 920 E. 58th St., Chicago, IL 60637, USA

SOURCE/DESCRIPTION: The structures of phTGF1-10-925, and ph-TGF1-10-3350, containing the 5' and 3' regions of the TGF α cDNA respectively, have been described previously (Murray et al, 1986).

POLYMORPHISM: Taq I identifies the same infrequent RFLP with both phTGF1-10-925 and phTGF1-10-3350.

FREQUENCY: Studied in 50 unrelated Caucasoids.

<table>
<thead>
<tr>
<th>Band Size</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>3.0kb</td>
<td>0.94</td>
</tr>
<tr>
<td>2.7kb</td>
<td>0.06</td>
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Constant bands were detected at 2.1, 1.8 and 1.2 kb with phTGF1-10-925, and at 1.7 and 0.9 kb with phTGF1-10-3350.


CHROMOSOMAL LOCALIZATION: 2p13 (Tricoli et al, 1985).

MENDELIAN INHERITANCE: Demonstrated in one family.

PROBE AVAILABILITY: Contact G.I. Bell.

OTHER COMMENTS: Rsa I and BamH I polymorphisms for TGFA have been reported previously (Murray et al, 1986).


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