
RFLP for the human erba2 gene

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SOURCE/DESCRIPTION

1.9Kbp EcoRI fragment containing part of the human erba2 gene.
(Jansson et al., 1983).

POLYMORPHISM

EcoRI identifies two alleles with bands at 1.9Kbp and 1.8Kbp. BamHI identifies two alleles at 2.5Kbp and 5.0Kbp.

FREQUENCY EcoRI 1.9Kbp allele 0.78
 1.8Kbp allele 0.22, among 71 unrelated individuals
 BamHI 2.5Kbp allele 0.56
 5.0Kbp allele 0.44, among 81 unrelated individuals.

NOT POLYMORPHIC FOR

PstI, BglIII, HindIII, Sau3A, PvuII.

CHROMOSOMAL LOCALISATION

Human erba2 gene putatively mapped to chr. 17 (Spurr et al., 1984).

MENDELIAN INHERITANCE

Allelic segregation demonstrated for BamHI polymorphism in 2 families, and for EcoRI polymorphism in 1 family.

PROBE AVAILABILITY

Probe was obtained on request from B. Vennstrom, EMBL, Heidelberg.

OTHER COMMENTS

Low background of invariant high M.wt bands at stringency of 0.5xSSC/68C with both enzymes.

REFERENCE

Jansson, M., Philipson, L., Vennström, B. (1983) EMBO J. 2 561-565.
Spurr et al., (1984). EMBO J. 3 159-163.

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