Announcement

Request for proposals to host the Tenth International Congress of Human Genetics in 2001

The Permanent Committee of International Congresses of Human Genetics announces the opening of bids to host the next Congress, scheduled for 2001. The criteria for selection of a site for this meeting, which drew 1700 geneticists to Rio de Janeiro in 1996, and 5500 to Washington DC in 1991 are: 1) Formal invitation by the local University or by a national (or regional) academic or scientific body; 2) Guarantee of convenient and appropriate accommodations; 3) Planned policy concerning availability of travel and/or accommodation grants, especially for young scientists; 4) Guarantee that the specific language of the Congress be English; 5) Planned policy concerning pre-publication of abstracts; 6) Guarantee of freedom of entry for all participants, to be obtained from the inviting country; 7) US $10,000 from the “winning bidders” for on-going expenses of Committee, due on notification of probable award.

Deadline of receipt of bids is January 3, 1997 in the office of the Secretary-General of the Permanent Committee:

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implicating the presence of at least one intervening intron. This PCR was used to screen a chromosome 11-specific YAC library (Qin et al., 1993).

Location of background signals: (site with > 2 signals): None observed.

Prime names Primer sequences
YC mapping results

ITM1-A ITM1-B
5'-CTCCGTCCATGTACTATCTGCC 5' -GGTCGGTTTGCCATAGCTGTAATC
Amplicon: 1.1 kb
Conditions: 94°C 4 min; 30 cycles 94°C 1 min, followed by 72 °C 10 min.
55°C 1 min, 72°C

YACs
ACRV1 ITM1
Fluorescence in situ hybridization (FISH)
A genomic clone containing the ITM1 gene was obtained by hybridization of a chromosome 11 specific cosmid library (Zehetner and Lehrach, 1994) using the gene-specific PCR amplicon described above. The positive cosmids were checked by PCR using the primer combination ITM1-A and ITM1-B. Probe labelling, FISH and immunocytochemical detection were carried out according to Wauters et al. (1992).

Probe name: ICRFc 107H0181D
Probe type: human genomic
Insert size: about 40 kb
Vector: Lawrist 4
Proof of authenticity: hybridization and gene-specific PCR
Gene reference: Hong et al. (1996)

Results

In situ hybridization mapping data
Location: 11q23.3
Number of cells examined: 40
Number of cells with specific signal: 1 (0), 2 (1), 3 (2), 4 (37) chromatids per cell; 39/40 cells (97.5 %) had specific signals.
Most precise assignment: 11q23.3 based on reverse banded chromosomes and a relative distance of 0.796 (Francke, 1994).

References