yRM2000 [HTY146]

99421™

Description

Detects:

Genome: Homo sapiens

Gene symbol: D7S427

Type of nucleic acid: genomic

Restriction enzyme: TaqI

Invariant bands (kb): 14.0, 8.5, 3.8, 2.3

Number of alleles: 2

Size range (kb): 5.0 - 6.0

Type of polymorphism: ins/del

Maximum heterozygosity (%): 56

Alleles:

Allele Freq. Size (kb) Strains

T1 0.48 6.0

T2 0.52 5.0

Organism: *Homo sapiens*, human

Clone type: Clone

Storage Conditions

Product format: Frozen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 240
Type of DNA: genomic
Genome: Homo sapiens
Chromosome: 7
7 q36.3-qter
Target gene: DNA Segment, single copy
Gene name: DNA Segment, single copy
Gene product: DNA Segment, single copy [D7S427]
Gene symbol: D7S427
Alleles: A1, A2, A3, M1, M2, T1, T2, M1, H2-1, H2-2, H2-3, H3-1, H3-2, H3-3, H3-4, H3-5, H1-1, H1-2, H1-3, M2, H2-4
Contains complete coding sequence: Unknown
Insert end: EcoRI

Vector Information

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Construct size (kb): 250.0
Intact vector size: 9.000
Vector name: pTYAC1
Type of vector: YAC
Host range: *Saccharomyces cerevisiae*; *Escherichia coli*
Vector end: EcoRI
Vector information:
other: telomere, Tetrahymena, <-
Centromere: CEN4
Cloning sites: EcoRI
Markers: ampR; URA3
Replicon: ARS1; pMB1
Restriction sites: EcoRI

Growth Conditions

Temperature: 30°C

Notes

Half-YAC containing the human 7q telomere.
- Genomics 8: 168-170, 1990

This insert is also available in two contigs of cosmid clones, sCos146(2), (3), (6), (14), (19), (30), (48), (49) (ATCC 99434, 99436, 99438, 99440, 99442, 99444, 99446, 99448.
- Genomics 17: 25-32, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: yRM2000 [HTY146] (ATCC 99421)

References

References and other information relating to this material are available at www.atcc.org.

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