



# 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

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## Storage Conditions

**Product format:** Frozen

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## 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

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## 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

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## 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, &lt;-

**Centromere:** CEN4**Cloning sites:** EcoRI**Markers:** ampR; URA3**Replicon:** ARS1; pMB1**Restriction sites:** EcoRI

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**Growth Conditions****Temperature:** 30°C

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**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

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**Material Citation**

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

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

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