# yRM2123 [HTY3153]

**99416™**

## Description

**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):** 260
**Type of DNA:** genomic
**Insert source:** lymphoblastoid CGM-1 cell line
**Insert tissue:** lymphoblastoid CGM-1 cell line
**Insert information:**
DESCRIPTION OF INSERT COMPONENT:
Cross references: DNA Seq. Acc.: U06152
DNA Seq. Acc.: U06154
DNA Seq. Acc.: U06155
**Genome:** Homo sapiens
**Chromosome:** 1
1 q44-qter
**Target gene:** DNA Segment, single copy, DNA Segment, repetitive (telomere)
**Gene name:** DNA Segment, repetitive (telomere); DNA Segment, single copy
**Gene product:** DNA Segment, repetitive (telomere) [D1Z9]
**Gene symbol:** D1Z9; D1S555
**Contains complete coding sequence:** Yes
**Insert end:** EcoRI

## Vector Information

**Construct size (kb):** 270.0
**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

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

## Growth Conditions

**Temperature:** 30°C

## Notes

Contains at least one CpG island. The sequence of this region is in accession U06154.
- Genomics 22: 569-578, 1994

yRM2123 shows some mitotic instability, so clones with the 270 kb YAC should be selected for additional manipulation.
- Genomics 22: 569-578, 1994

## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: yRM2123 [HTY3153] (ATCC 99416)

## References

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

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## Revision

This information on this document was last updated on 2024-10-25

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