



pRS414

87519™

Description

This is a YC-type shuttle vector with TRP1 selection in *Saccharomyces cerevisiae*, a beta-galactosidase reporter system for visual detection of recombinants (lacZ?), promoters for transcription *in vitro*, and an extensive polylinker flanked by BssHI sites.

Clone type: Vector

Shipping information: *Escherichia coli* containing the phagemid

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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.

Vector Information

Construct size (kb): 4.788

Vector name: pRS414 (phagemid)

Type of vector: phagemid

Construction: pBluescriptII KS+

Centromere: CEN6

Insert detection: lacZ'

Markers: ampR; TRP1

MCS: KpnI...SacI

Promoters: lac

Replicon: ARSH4; f1; pMB1

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Restriction digests of the construct gave the following sizes (in kb): PvuII 4.35, 0.45; BglI 3.1, 1.7; HindIII 3.85, 0.95. ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: pRS414 (ATCC 87519)

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 2021-05-19

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