



# 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

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### Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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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.

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### 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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## 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

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## 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

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## Material Citation

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

following manner: pRS414 (ATCC 87519)

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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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## Contact Information

# pRS414

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Product Sheet

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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