

# YRp14-trp1delta63 [YRp14/trp1-delta63, p430]

77148<sup>TM</sup>

## Description

**Clone type:** Vector

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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## Storage Conditions

**Product format:** Freeze-dried

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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):** 8.39999618530273

**Intact vector size:** 8.400

**Vector name:** YRp14-trp1delta63 (plasmid)

**Type of vector:** plasmid

**Construction:** YRp14

**Host range:** *Saccharomyces cerevisiae; Escherichia coli*

**Markers:** SUP11; ampR; URA3

**Replicon:** pMB1; ARS1

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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 clone give the following sizes (kb):

EcoRI/HindIII--6.0, 1.6, 0.6; HindIII--8.4; BamHI--8.4; PstI--3.7, 3.4, 1.3;

BglII--7.4, 1.1.

- ATCC staff

Non-integrants grow poorly selecting for Ura3+ (pinpoints at 5 days) while integrants grow well because the SUP11 copy number is maintained at one. If there are no integrants on a transformation plate, streak onto -URA plates and pick papillae.



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- personal communication

A marker addition/transplacement vector.

- Genetics 122: 19-27, 1989

Constructed by inserting the equivalent of 2 genomic EcoRI/HindIII fragments (1.5 kb, centromere proximal and 0.8 kb, 3' end) from the TRP1 region into YRp14.

- Genetics 122: 19-27, 1989

Represents the deletion of a 0.6 kb EcoRI/HindIII fragment containing the promoter and the 5' portion of the gene.

- Genetics 122: 19-27, 1989

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: YRp14-trp1delta63 [YRp14/trp1-delta63, p430] (ATCC 77148)

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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**

This information on this document was last updated on 2025-09-09

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