



# pSP2 77498™

## Description

This is a shuttle vector transforming *Schizosaccharomyces pombe* at high efficiency. It is suitable for generating nested deletions, DNA sequencing, and producing riboprobes. It permits visual detection of recombinants by lacZalpha complementation. It was constructed from pRS306 by inserting a 1.2 kb EcoRI fragment containing *ares1* into the AatII site. The NdeI site in *ars1* was removed.

- Curr. Genet. 23: 547-548, 1993.

**Clone type:** Vector

**Shipping information:** *Escherichia coli* containing the plasmid

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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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and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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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):** 5.579999923706055

**Vector name:** pSP2 (phagemid)

**Construction:** pRS306

**Insert detection:** lacZ'

**Markers:** ampR; URA3

**Promoters:** lac; T3; T7

**Replicon:** ars1; 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 clone gave the following sizes (in kb): KpnI 5.6 ; SstI 5.6 ;

HindIII 5.6.

ATCC Staff References: Curr. Genet.

23: 547-548, 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: pSP2 (ATCC 77498)

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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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77498

## Contact Information

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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