



pBS39 [BSY90] 53255™

Description

Organism: *Staphylococcus aureus* subsp.*aureus* bacteriophage P1

Clone type: Clone

Host: *Escherichia coli* DH1

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Patent number:

4,959,317

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Product format: Freeze-dried

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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.

Insert Information

Insert size (kb): 1.2

Type of DNA: genomic

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end: XhoI

Insert 3' end: Sall

Cross references: DNA Seq. Acc.: X03453

Genome: bacteriophage P1

Target gene: recombinase, site-specific

Gene name: recombinase, site-specific

Gene product: recombinase, site-specific [cre]

Gene symbol: cre

Contains complete coding sequence: Unknown

Vector Information

Vector name: unknown

Type of vector: plasmid

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

Vector end: Sall; XhoI

Markers: ampR; URA3

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): Sall/XhoI--4.1 (doublet), 1.5; Sall--9.6; XhoI--5.5, 4.1.

- ATCC staff

Permits inducible expression of cre in *S. cerevisiae* regulated by the GAL1 promoter. The order of the major features in this plasmid is: ampR - GAL1 promoter - cre - URA3 - ARS1 - CEN4.

- U.S. Pat. 4,959,317 dated Sept. 25, 1990

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBS39 [BSY90] (ATCC 53255)

References

References and other information relating to this material are available at

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