



PPMG1 Plasmid in *Escherichia coli*

39256™

Description

Organism: *Salmonella enterica*

Clone type: Clone

Host: *Escherichia coli* C600

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Patent number:

5,094,945

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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

Type of DNA: genomic

Genome: *Salmonella choleraesuis* subsp. *choleraesuis* serovar Typhimurium

Gene name: 5-enolpyruvyl-3-phosphoshikimate synthetase

Gene product: 5-enolpyruvyl-3-phosphoshikimate synthetase [aroA]

Gene symbol: aroA

Contains complete coding sequence: Unknown

Insert end: Sau3AI

Vector Information

Construct size (kb): 45.0

Intact vector size: 23.000

Vector name: pVK100

Type of vector: cosmid

Construction: pRK290, pHK17 cos site

Host range: broad host range

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Product Sheet

Vector end: BglII

Cloning sites: EcoRI; Sall; HindIII; XhoI

Markers: aroA⁺; kanR; tetR

Replicon: RK2

Growth Conditions

Medium:

ATCC Medium 1236: LB Medium (ATCC medium 1065) with 25 mcg/ml kanamycin

Temperature: 30°C

Notes

IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

pVK100 was partially digested with BglII. Carries mutant aroA locus conferring resistance to phosphonomethylglycine.

- U.S. Pat. 4,535,060 dated Aug. 13, 1985

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PPMG1 Plasmid in *Escherichia coli* (ATCC 39256)

References

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References and other information relating to this material are available at www.atcc.org.

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