



pKBY2

39898™

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

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Patent number:

4,816,405

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Product format: Frozen

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BSL 1

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Vector Information

Construct size (kb): 9.8999999618530273

Vector name: pKBY2 (cosmid)

Construction: pBR329, *Aspergillus nidulans* trpC, pJB8 cos

Enhancer: none

Markers: cmlR; trpC⁺; amp^R

Replicon: pMB1

Growth Conditions

Medium:

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

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

The BamHI site was removed from trpC by sodium bisulfite mutagenesis. This is a cosmid vector for isolating genes by complementation of mutations in *Aspergillus nidulans*. It can also be used for library construction. A 2.1 kb HindIII/Sall fragment (pJB8) containing lambda cos was ligated to HindIII/Sall-digested pBR329. A 4.1 kb XhoI fragment with wild-type *Aspergillus nidulans* trpC was ligated into the Sall, and a BamHI linker into the NruI site of pBR329.

- Proc. Natl. Acad. Sci. USA 82: 834-838, 1985

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pKBY2 (ATCC 39898)

References

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

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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 or contact your local distributor