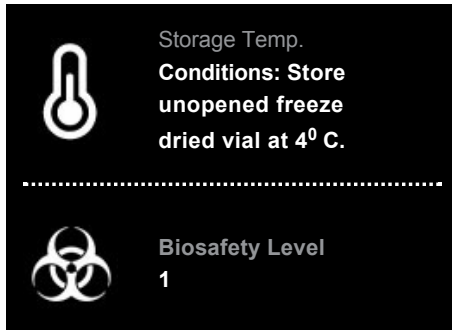




Product Sheet

## pGL2B (ATCC® 53366™)

Please read this FIRST



Storage Temp.  
**Conditions: Store unopened freeze dried vial at 4° C.**

Biosafety Level  
**1**

### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: pGL2B (ATCC® 53366™)

### Shipping Information

Distributed: freeze-dried

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

### Description

Designation: pGL2B  
Distribution Host:  
Distribution host: *Escherichia coli* JM83; K-12 strain JM83

### Propagation

Growth Conditions  
Temperature: 37.0°C  
Medium  
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

### Vector Information

Size (kb): 6.6  
Vector: pGL2B (plasmid)  
Promoters: Promoter glucoamylase  
Construction: pUC12  
Marker(s): ampR  
Construct size (kb): 6.6  
Features: marker(s): ampR  
promoter: glucoamylase  
replicon: pMB1  
signal peptide coding region: glucoamylase

### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

### Notes

Restriction digests of the clone give the following sizes (kb): BamHI--6.8;  
BglII--6.8; EcoRI--4.5, 1.8, 0.32.  
- ATCC staff

Constructed by inserting a HindIII/BglII fragment containing the glucoamylase gene into pUC12. A BssHII/SstI fragment (starting just 3' to the region coding the signal peptide) was then replaced with a synthetic linker having EcoRV and BglII sites. One of 3 vectors (pGL2A ATCC 53365, pGL2B 53366, pGL2C ATCC 53367) differing in the length of a synthetic linker and thus providing alternate reading frames.

- U.S. Pat. 5,198,345 dated March 30, 1993

.patent

### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

### ATCC Warranty


The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.



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Biosafety Level  
**1**

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### Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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