

# pNEB193 Vector



1-800-632-7799  
info@neb.com  
www.neb.com



N3051S 013121214121

## N3051S

50 µg Lot: 0131212 Exp: 12/14  
500 µg/ml Store at -20°C

**Description:** pNEB193 is a pUC19 derivative that carries unique *Ascl*, *PmeI*, and *PacI* sites. The only differences between pUC19 and pNEB193 are in the polylinker region. A unique *Ascl* site (GGCGGCC) is located between the *Bam*HI site and the *Sma*I site. A unique *PacI* site (TTAATTAA) is located between the *Bam*HI site and the *Xba*I site, and a unique *PmeI* site (GTTTAAAC), is located between the *Pst*I site and the *Sal*I site.

The polylinker does not interrupt the *lacZ* reading frame. All or part of the polylinker can be easily excised with the appropriate restriction endonucleases and placed in your own DNA vector.

Supplied in: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA.

**Preparation:** pNEB193 is isolated from *E. coli* TB1 (*hsd M*<sup>+</sup>) by a standard plasmid purification procedure.

**Notes:** The *Ascl* site is also a unique *Bss*HI site in pNEB193.

*E. coli* strain TB1 is recommended for transformations.

### pNEB193 Polylinker:

EcoRI                      KpnI                      Ascl                      PacI                      SalI                      PstI                      HindIII  
GAATTCGAGCTCGGTACCCGGGGGCGCGCCGGATCCTTAATTAAGTCTAGAGTCGACTGTTTAAACCTGCAGGCATGCAAGCTT  
SacI                      SmaI                      BamHI                      XbaI                      PmeI                      SphI

CERTIFICATE OF ANALYSIS

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SacI                      SmaI                      BamHI                      XbaI                      PmeI                      SphI

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### References:

1. Guan, C. unpublished observations.

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