

# pUC19

GenBank Accession #: L09137  
See page 128 for ordering information.

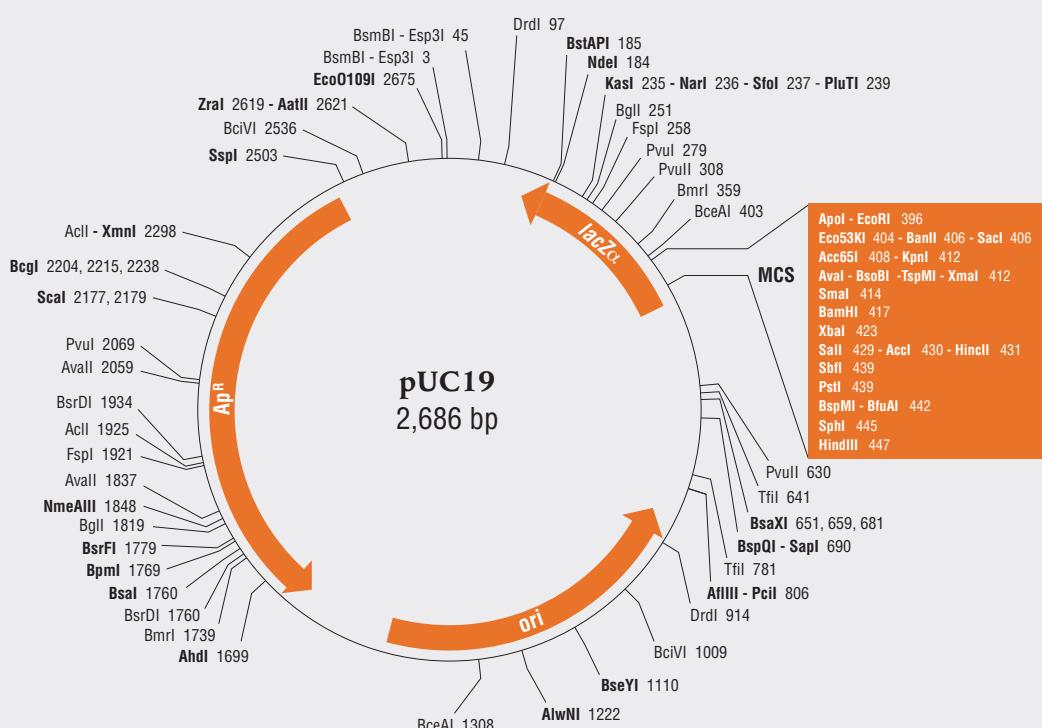
| Feature                               | Coordinates | Source        |
|---------------------------------------|-------------|---------------|
| <i>lacZ<math>\alpha</math></i>        | 469-146     | —             |
| origin                                | 1455-867    | pMB1 (mutant) |
| <i>bla</i> ( <i>Ap</i> <sup>R</sup> ) | 2486-1626   | <i>Tn3</i>    |
| ori = origin of replication           |             |               |
| <i>Ap</i> = ampicillin                |             |               |

There are no restriction sites for the following enzymes: Absl(x), Afel, AfI<sub>II</sub>, AgeI, Ajul(x), AleI, Alol(x), Apal, Arsl(x), Ascl, AsI<sub>SI</sub>, Avrl, Bael, Barl(x), BbsI, BbvCl, BclI, Blpl, BmgBl, Bmtl, BplI(x), Bpu10I, BsaAI, BsaBI, BseRI, BsgI, BsiWI, BsmFI, BsmI, BspDI, BspEI, BsrGI, BssHII, BstBI, BstEI, BstXI, BstZ17I, Bsu36I, BtgI, BtgZI, Cial, CspCI, DralI, EagI, EcoNI, EcoRV, FaiI(x), Fsel, FspAI(x), HpaI, KflI(x), MauBI(x), MfeI, MluI, MreI(x), Mscl, Mtel(x), Nael, Ncol, NgoMIV, Nhel, NotI, NruI, NsiI, Pael, PaeR7I, PacCI, PasI(x), PflI, PflMI, Pmel, PmlI, PpuMI, PshAI, Psil, PspOMI, PspXI, Psrl(x), RsrII, SacI, SexAI, Sfil, SgrAI, SgrDI(x), SnaBI, Spel, SrfI, Stul, StyI, Swal, Thh11I, XcmI, Xhol

(x) = enzyme not available from NEB



We recommend NEBCutter at [NEBCutter.com](http://NEBCutter.com) to identify the restriction sites within your DNA sequence. NEBCutter indicates cut frequency and methylation-state sensitivity.



Open reading frame (ORF) coordinates are in the form "translational start – translational stop"; numbers refer to positions on the top (clockwise) strand, regardless of the direction of transcription and include the start and stop codons.

Origin of replication coordinates include the region from the -35 promoter sequence of the RNAII transcript to the RNA/DNA switch point. *bla* (*Ap*<sup>R</sup>) gene coordinates include the signal sequence.

## References

- (1) Yanisch-Perron, C., Vieira, J. and Messing, J. (1985) *Gene*, 33, 103-119.
- (2) Lin-Chao, S., Chen, W.-T. and Wong, T.-T. (1992) *Mol. Microbiol*, 6, 3385-3393
- (3) Miki, T. et al. (1987) *Protein Eng*, 1, 327-332.

