

pGFPuv Vector

Catalog No.
632312

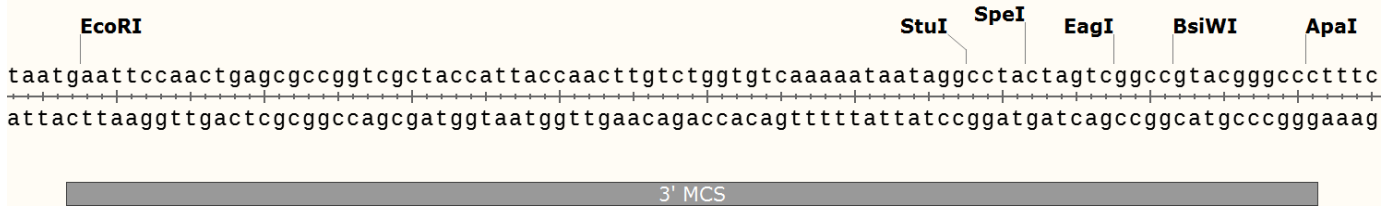
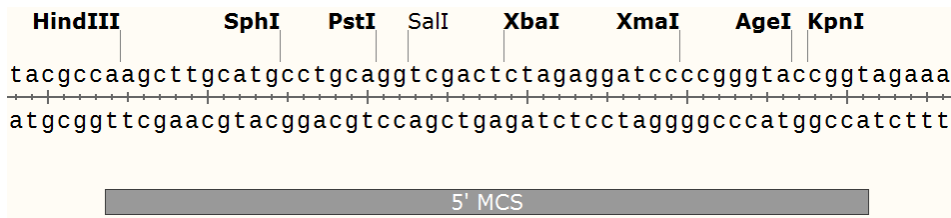
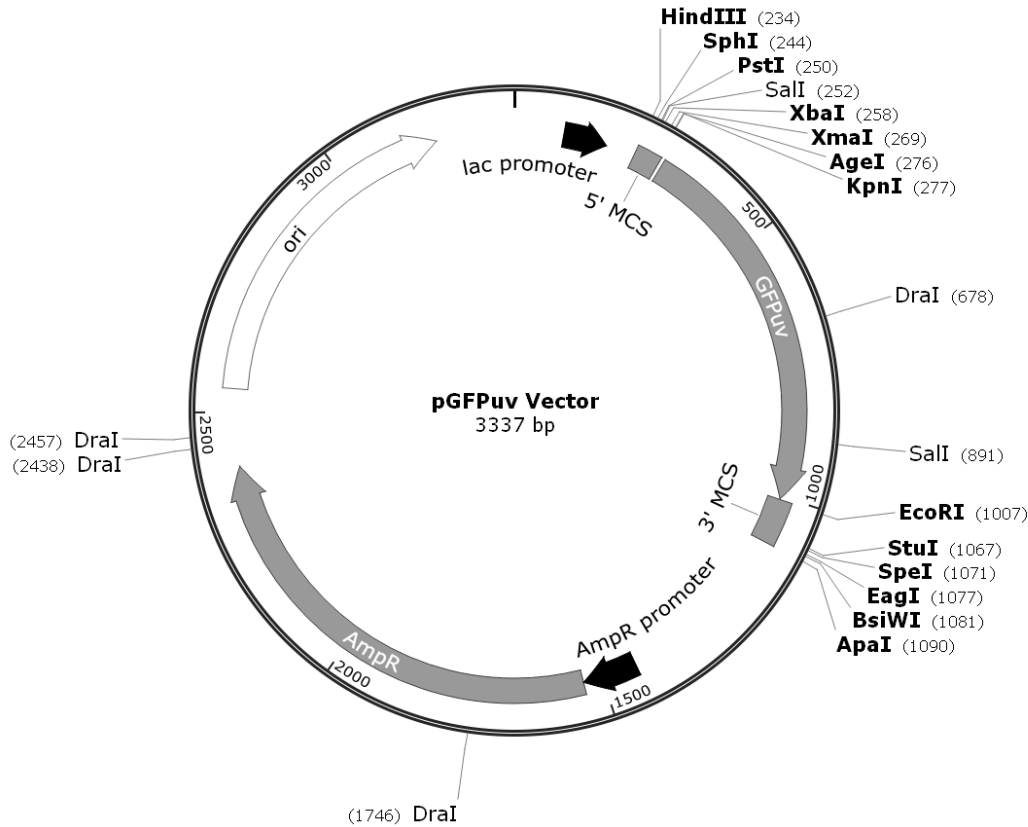


Figure 1. pGFPuv Vector map and multiple cloning sites.

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Location of Features

- P_{lac} (*lac* promoter): 95–178
- *lacZ*-GFPuv fusion protein expressed in *E. coli*: 217–1005
- 5' MCS: 234–281
- GFPuv gene: 289–1005
GFP chromophore: 481–489
wt GFP cDNA sequence fragment (1): 289–454
Synthetic GFP gene with “cycle 3” mutations from pBAD-GFPuv (2): 455-1007
- 3' MCS: 1007–1091
- Amp^R promoter: 1432–1536
- Amp^R (ampicillin resistance gene): 1537–2397
- ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 2545–3188

Recommended Primer Location

- 331–352

References

1. Prasher, D. C., *et al.* (1992) *Gene* **111**:229–233.
2. Cramer, A., *et al.* (1996) *Nature Biotechnol.* **14**:315–319.

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