

## pLVX-EF1 $\alpha$ -mCherry-C1

**Catalog No(s).**  
631985

**Amount**  
20  $\mu$ l pLVX-EF1 $\alpha$ -mCherry-C1 vector (500 ng/ $\mu$ l)

**Lot Number**  
Specified on product label.

### pLVX-EF1 $\alpha$ -mCherry-C1 Vector Information

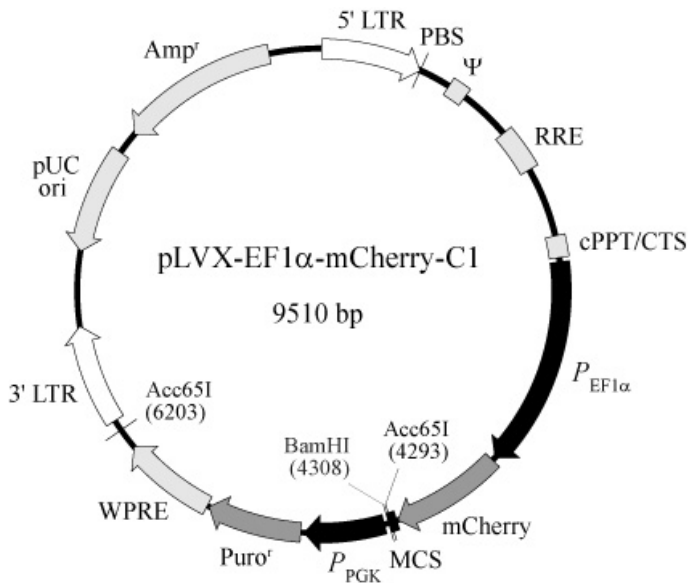


Figure 1. pLVX-EF1 $\alpha$ -mCherry-C1 vector map.

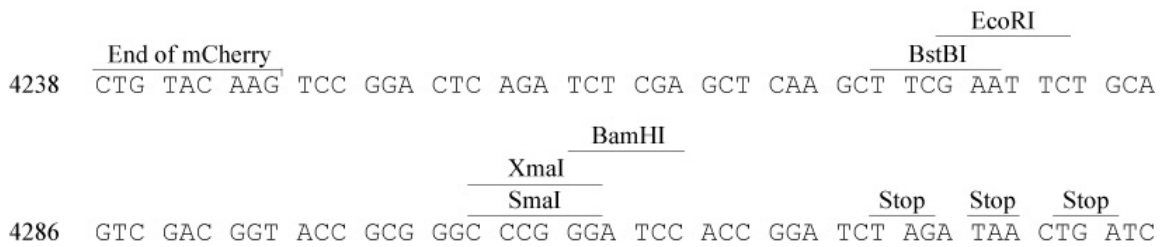


Figure 2. pLVX-EF1 $\alpha$ -mCherry-C1 multiple cloning site.

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## Location of Features

- 5' LTR (5' long terminal repeat): 1–635
- PBS (primer binding site): 636–653
- $\Psi$  (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- $P_{EF1\alpha}$  (human elongation factor 1 alpha promoter): 2185–3519
- mCherry: 3539–4246
- MCS (multiple cloning site): 4273–4312
- $P_{PGK}$  (phosphoglycerate kinase promoter): 4336–4844
- Puro<sup>r</sup> (puromycin resistance gene): 4865–5464
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5478–6069
- 3' LTR (3' long terminal repeat): 6272–6908
- pUC origin of replication: 7378–8051 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene;  $\beta$ -lactamase): 8196–9192 (complementary)

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