Vector Map

Clontech

pLVX-EF1α-AcGFP1-N1

pLVX-EF1α-AcGFP1-N1 Vector Information
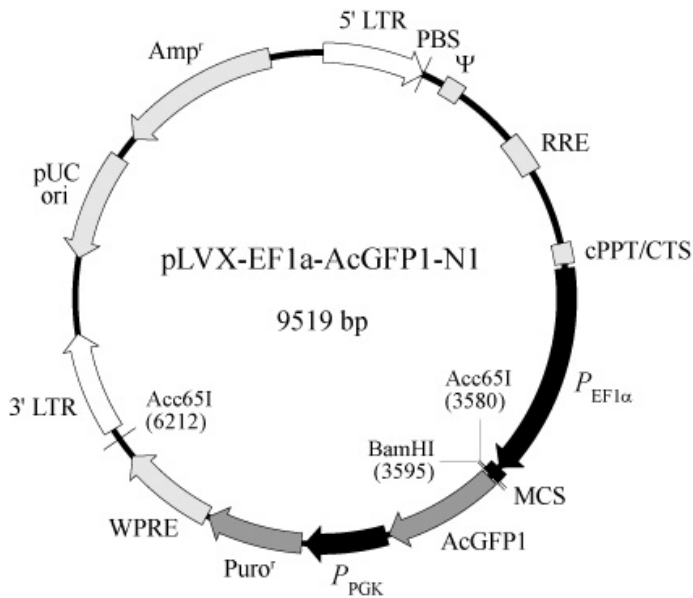
Figure 1. pLVX-EF1α-AcGFP1-N1 vector map.

Figure 2. pLVX-EF1α-AcGFP1-N1 multiple cloning site.

Location of Features

- 5′ LTR (5′ long terminal repeat): 1–635
- PBS (primer binding site): 636–653
- Ψ (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): 2186–3519
- MCS (multiple cloning site): 3528–3600
- AcGFP1 (human-codon-optimized): 3607–4326
- P_{PGK} (phosphoglycerate kinase promoter): 4345–4853
- Puro^r (puromycin resistance gene): 4874–5473
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5487–6078
- 3′ LTR (3′ long terminal repeat): 6281–6917
- pUC origin of replication: 7387–8060 (complementary)
- Amp^r (ampicillin resistance gene; β-lactamase): 8205–9201 (complementary)

NOTICE TO PURCHASER: