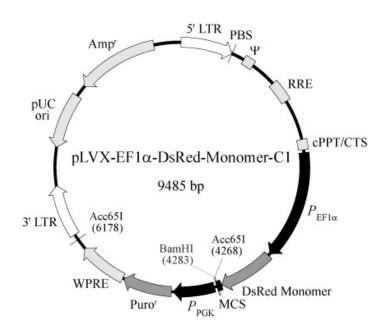
Vector Map

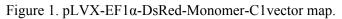


pLVX-EF1α-DsRed-Monomer-C1

Catalog No(s).AmountLot Number63198920 μl pLVX-EF1α-DsRed-Monomer-C1 vector (500 ng/μl)Specified on product label.

pLVX-EF1α-DsRed-Monomer-C1 Vector Information





 End of DsRed-Monomer
 EcoRI

 4213
 GGC TCC CAG
 TCC GGA CTC AGA TCT CGA GCT CAA GCT TCG AAT TCT GCA

 4213
 GGC TCC CAG
 TCC GGA CTC AGA TCT CGA GCT CAA GCT TCG AAT TCT GCA

 4213
 Main I
 Main I

 4214
 GTC GAC GGT ACC GCG GGC CCG GGA TCC ACC GGA TCT AGA TAA CTG ATC

Figure 2. pLVX-EF1a-DsRed-Monomer-C1 multiple cloning site.

Clontech Laboratories, Inc. A Takara Bio Company 1290 Terra Bella Avenue, Mountain View, CA 94043, USA U.S. Technical Support: <u>tech@clontech.com</u>

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
- $P_{\text{EF1}\alpha}$ (human elongation factor 1 alpha promoter): 2185–3519
- DsRed-Monomer (human-codon-optimized): 3547–4221
- MCS (multiple cloning site): 4248–4287
- P_{PGK} (phosphoglycerate kinase promoter): 4311–4819
- Puro^r (puromycin resistance gene): 4840–5439
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5453-6044
- 3' LTR (3' long terminal repeat): 6247–6883
- pUC origin of replication: 7353–8026 (complementary)
- Amp^r (ampicillin resistance gene; β-lactamase): 8171–9167(complementary)

NOTICE TO PURCHASER:

Clontech products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. Clontech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of Clontech Laboratories, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product's web page at http://www.clontech.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.