# Vector Map



## pLVX-CherryPicker1

**Catalog No(s).** 632580 (Not sold separately). Sold as part of 632574. Amount

20 µl pLVX-CherryPicker1 Vector (500 ng/µl)

**Lot Number** Specified on product label.

### pLVX-CherryPicker1 Vector Information

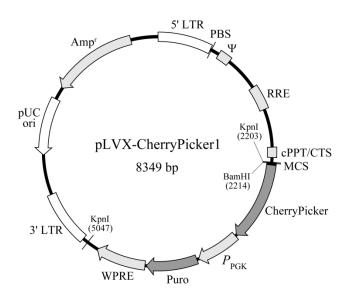


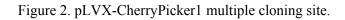
Figure 1. pLVX-CherryPicker1 vector map.

 Smal
 Notl

 Apal
 BamHI
 PmeI

 2201
 ACCGCGGGCC
 CGGGATCCGC
 GGCCGCGTTT

 AAACGATGAT
 TGGCGCCCGG
 GCCCTAGGCG
 CCGGCGCAAA



#### **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
- MCS (multiple cloning site): 2206–2235
- CherryPicker (mCherry-transferrin receptor membrane-anchor domain fusion): 2236–3162
- $P_{PGK}$  (phosphoglycerate kinase promoter): 3176–3684
- Puro<sup>r</sup> (puromycin resistance gene): 3705–4304
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4318–4909
- 3' LTR (3' long terminal repeat): 5112–5748
- pUC origin of replication: 6217–6890 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene; β-lactamase): 7035–8031 (complementary)

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