

pLVX-EF1 α -IRES-mCherry

Catalog No(s).
631987

Amount
20 μ l pLVX-EF1 α -IRES-mCherry vector (500 ng/ μ l)

Lot Number
Specified on product label.

pLVX-EF1 α -IRES-mCherry Vector Information

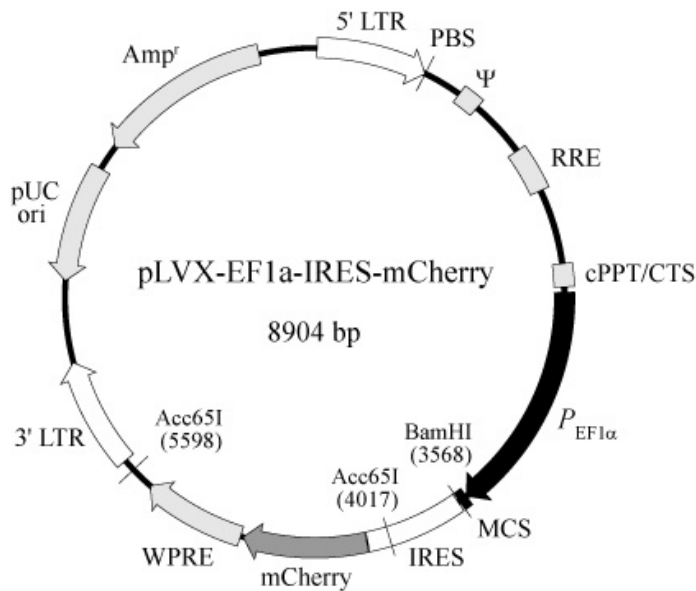


Figure 1. pLVX-EF1 α -IRES-mCherry vector map.

	<u>EcoRI</u>	<u>SpeI</u>	<u>XbaI</u>	<u>NotI</u>	<u>BamHI</u>
3531	CGGTGAATTC	CTCGAGACTA	GTTCTAGAGC	GGCCGCGGAT	CCCGCCCTC
	GCCACTTAAG	GAGCTCTGAT	CAAGATCTCG	CCGGCGCCTA	GGGCGGGGAG

Figure 2. pLVX-EF1 α -IRES-mCherry multiple cloning site.

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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): 2185–3519
- MCS (multiple cloning site): 3535–3572
- IRES (internal ribosome entry site): 3574–4148
- mCherry: 4149–4859
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4873–5464
- 3' LTR (3' long terminal repeat): 5667–6303
- pUC origin of replication: 6772–7445 (complementary)
- Amp^r (ampicillin resistance gene; β -lactamase): 7590–8586 (complementary)

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