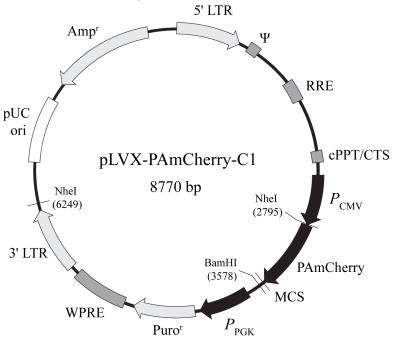


# pLVX-PAmCherry-C1

### Catalog No(s).

632587

## pLVX-PAmCherry-C1 Vector Information



3508	C-term. of PAmCherry coding seq.  8 TAC AAG GCT ACC GGA CT							XhoI C AGA TCT CGA GCT CAA G						EcoRI BstBI T TCG AAT TCT		
	ATG	TTC	CGA	TGG	CCT	GAG	TCT	AGA	GCT	CGA	GTT	CGA	AGC	TTA	AGA	
	PspOMI SmaI XmaI															
							Apa	I	Bar	nHI_			XbaI		Stop	
3553	GCA	GTC	GAC	GGT	ACC	GCG	GGC	CCG	GGA	TCC	CGC	GAC	TCT	AGA	TAA	
	CGT	CAG	CTG	CCA	TGG	CGC	CCG	GGC	CCT	AGG	GCG	CTG	AGA	TCT	ATT	

**pLVX-PAmCherry-C1 vector map and multiple cloning site.** To create a fusion of your protein of interest and the PAmCherry protein, clone your gene of interest in-frame with the PAmCherry coding sequence.

Clontech Laboratories, Inc.

A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566 Last update: 011012 Asia Pacific +1.650.919.7300

#### pLVX-PAmCherry-C1

#### **Location of Features**

- 5' LTR (5' long terminal repeat): 1–635
- ψ (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- $P_{\text{CMV}}$  (human cytomegalovirus promoter): 2185–2788
- PAmCherry (PAmCherry fluorescent protein): 2806–3513
- MCS (multiple cloning site): 3530–3594
- $P_{PGK}$  (Phosphoglycerate kinase promoter): 3596–4104
- Puro<sup>r</sup> (puromycin resistance gene; puromycin acetyltransferase): 4125–4724
- WPRE(woodchuck hepatitis virus posttranscriptional regulatory element): 4738–5329
- 3' LTR (3' long terminal repeat): 5532–6168
- pUC ori (pUC origin of replication): 6638–7311 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene): 7456–8452 (complementary)

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This document has been reviewed and approved by the Clontech Quality Assurance Department.

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