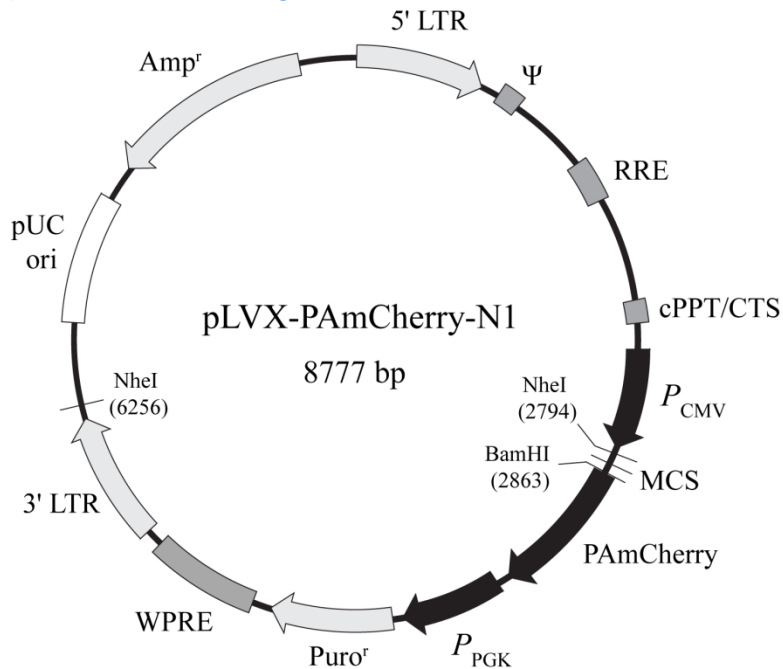


pLVX-PAmCherry-N1

Catalog No(s).
632586

pLVX-PAmCherry-N1 Vector Information



	AfeI		XhoI		EcoRI		BstBI	
2796	AGC GCT ACC GGA CTC AGA TCT CGA GCT CAA GCT TCG AAT TCT GCA GTC GAC		TCT CGA GCT CAA GCT TCG AAT TCT GCA GTC GAC		TCT GCA GTC GAC		TCG AAT TCT GCA GTC GAC	
	TCG CGA TGG CCT GAG TCT AGA GCT CGA GTT CGA AGC TTA AGA CGT CAG CTG		AGA GCT CGA GTT CGA AGC TTA AGA CGT CAG CTG		AGA CGT CAG CTG		CGT CAG CTG	
	PspOMI		SmaI					
			XmaI					
								N-term. of PAmCherry coding region →
	ApaI		BamHI		Kozak consensus seq.			
2847	GGT ACC GCG GGC CCG GGA TCC GCC ACC ATG GTG AGC AAG GGC GAG GAG GAT		GCC ACC ATG GTG AGC AAG GGC GAG GAG GAT		GCC ACC ATG GTG AGC AAG GGC GAG GAG GAT		GAG GAG GAT	
	CCA TGG CGC CCG GGC CCT AGG CGG TGG TAC CAC TCG TTC CCG CTC CTC CTA		CGG TGG TAC CAC TCG TTC CCG CTC CTC CTA		CGG TGG TAC CAC TCG TTC CCG CTC CTC CTA		CTC CTC CTA	

pLVX-PAmCherry-N1 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.

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United States/Canada 800.662.2566 Last update: 011012	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.543.6116
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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_{CMV} (human cytomegalovirus promoter): 2185–2788
- MCS (multiple cloning site): 2796–2862
- PAmCherry (PAmCherry fluorescent protein): 2874–3581
- P_{PGK} (Phosphoglycerate kinase promoter): 3603–4111
- Puro^r (puromycin resistance gene; puromycin acetyltransferase): 4132–4731
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4745–5336
- 3' LTR (3' long terminal repeat): 5539–6175
- pUC ori (pUC origin of replication): 6645–7318 (complementary)
- Amp^r (ampicillin resistance gene): 7463–8459 (complementary)

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