

## pLVX-TRE3G

**Catalog No(s).** 631191, 631193 (Not sold separately). Sold as part of 631187, 631189.

## Amount

 $20~\mu l~pLVX\text{-}TRE3G~Vector~(500~ng/\mu l)$ 

### **Lot Number**

Specified on product label.

# **pLVX-TRE3G Vector Information**

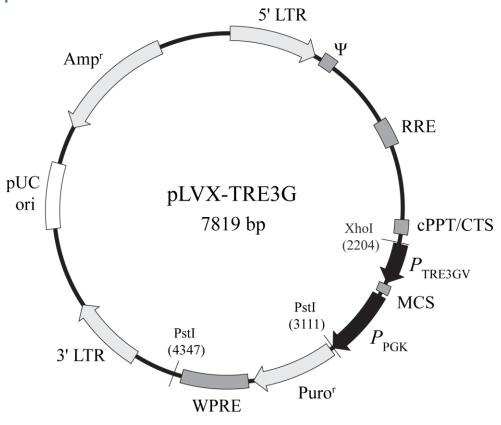


Figure 1. pLVX-TRE3G vector map.

		SmaI				
	BamHI Ap	aI NotI	XmaI	Mlu	I NdeI	EcoRI
2556	GGATCCGGGC	CCGCGGCCGC	CCCGGGA	CGC	GTCATATGG	A ATTC
	CCTAGGCCCG	GGCGCCGGCG	GGGCCCT	GCG	CAGTATACC	T TAAG

Figure 2. pLVX-TRE3G multiple cloning site.

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## pLVX-TRE3G

#### **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
- $P_{\text{TRE3GV}}$  (TRE3GV promoter): 2210–2555
- MCS (multiple cloning site): 2556–2599
- $P_{PGK}$  (phosphoglycerate kinase promoter): 2600–3103
- Puro<sup>r</sup> (puromycin resistance gene; puromycin acetyltransferase): 3124–3723
- WPRE(woodchuck hepatitis virus posttranscriptional regulatory element): 3741–4332
- 3' LTR (3' long terminal repeat): 4536 –5172
- pUC ori (pUC origin of replication): 5642–6312 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene): 6457–7317 (complementary)

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

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