

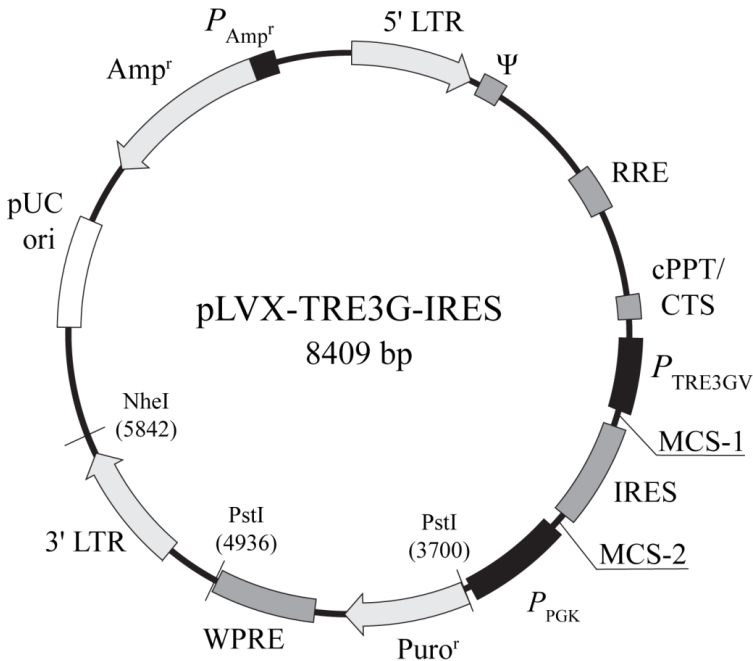
pLVX-TRE3G-IRES

Catalog No(s).

631362 (Not sold separately).

Sold as part of 631351, 631354, & 631357.

pLVX-TRE3G-IRES Vector Information



MCS-1

	<u>P_{TRE3GV}</u>	<u>BamHI</u>	<u>NotI</u>	<u>IRES</u>
2548	TTA TAC TTG GAT CCG GGC CCG CGG CCG CCC CGG CCG GCC CCT			
	AAT ATG AAC CTA GGC CCG GGC GCC GGC GGG GCC GGC CGG GGA			

MCS-2

	<u>IRES</u>	<u>SmaI</u> <u>XmaI</u>	<u>MluI</u>	<u>NdeI</u>	<u>EcoRI</u>	<u>P_{PGK}</u>
3155	ATA ATA TGG CCC CCG GGA CGC GTC ATA TGG AAT TCT ACC GGG					
	TAT TAT ACC GGG GGC CCT GCG CAG TAT ACC TTA AGA TGG CCC					

pLVX-TRE3G-IRES vector map and multiple cloning sites.

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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_{TRE3GV} (TRE3GV promoter): 2210–2555
- MCS-1 (multiple cloning site 1): 2556–2580
- IRES (internal ribosome entry site): 2585–3165
- MCS-2 (multiple cloning site 2): 3166–3189
- P_{PGK} (phosphoglycerate kinase promoter): 3190–3693
- Puro^r (puromycin resistance gene, puromycin acetyltransferase): 3714–4313
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4332–4923
- 3' LTR (3' long terminal repeat): 5126–5762
- pUC ori (pUC origin of replication): 6232–6902
- Amp^r (ampicillin resistance gene): 7047–7907 (complementary)
- P_{Amp}^r (ampicillin resistance promoter): 7908–8012 (complementary)

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