

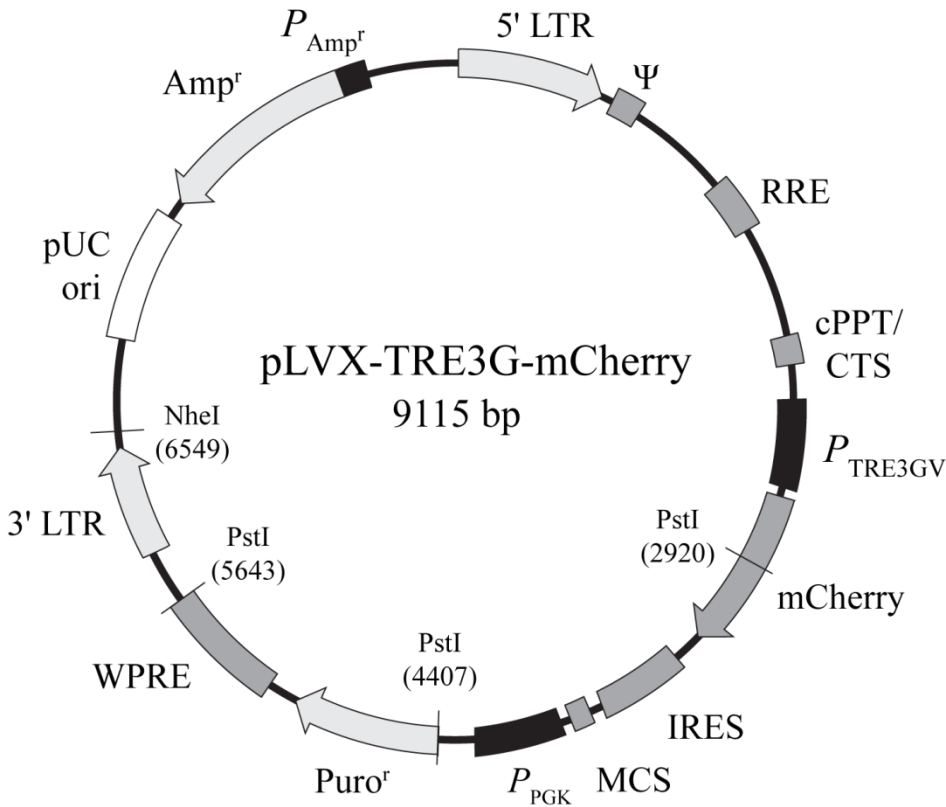
## pLVX-TRE3G-mCherry

### Catalog No(s).

631360 (Not sold separately).

Sold as part of 631349, 631352, & 631355.

### pLVX-TRE3G-mCherry Vector Information



					SmaI									
					XmaI		MluI		NdeI		EcoRI			P <sub>PGK</sub>
3861	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-mCherry vector map and multiple cloning site.

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## Location of Features

- 5' LTR (5' long terminal repeat): 1–635
- $\Psi$  (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- $P_{TRE3GV}$  (TRE3GV promoter): 2209–2560
- mCherry (mCherry fluorescent protein): 2564–3274
- IRES (internal ribosome entry site): 3283–3871
- MCS (multiple cloning site): 3872–3895
- $P_{PGK}$  (phosphoglycerate kinase promoter): 3896–4399
- Puro<sup>r</sup> (puromycin resistance gene, puromycin acetyltransferase): 4420–5019
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5037–5628
- 3' LTR (3' long terminal repeat): 5832–6468
- pUC ori (pUC origin of replication): 6938–7608
- Amp<sup>r</sup> (ampicillin resistance gene): 7753–8613 (complementary)
- $P_{Amp}^r$  (ampicillin resistance promoter): 8614–8718 (complementary)

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