

pLVX-TetOne Vector Set

Catalog No(s).

631846 (Not sold separately)

Sold as a part of 631844

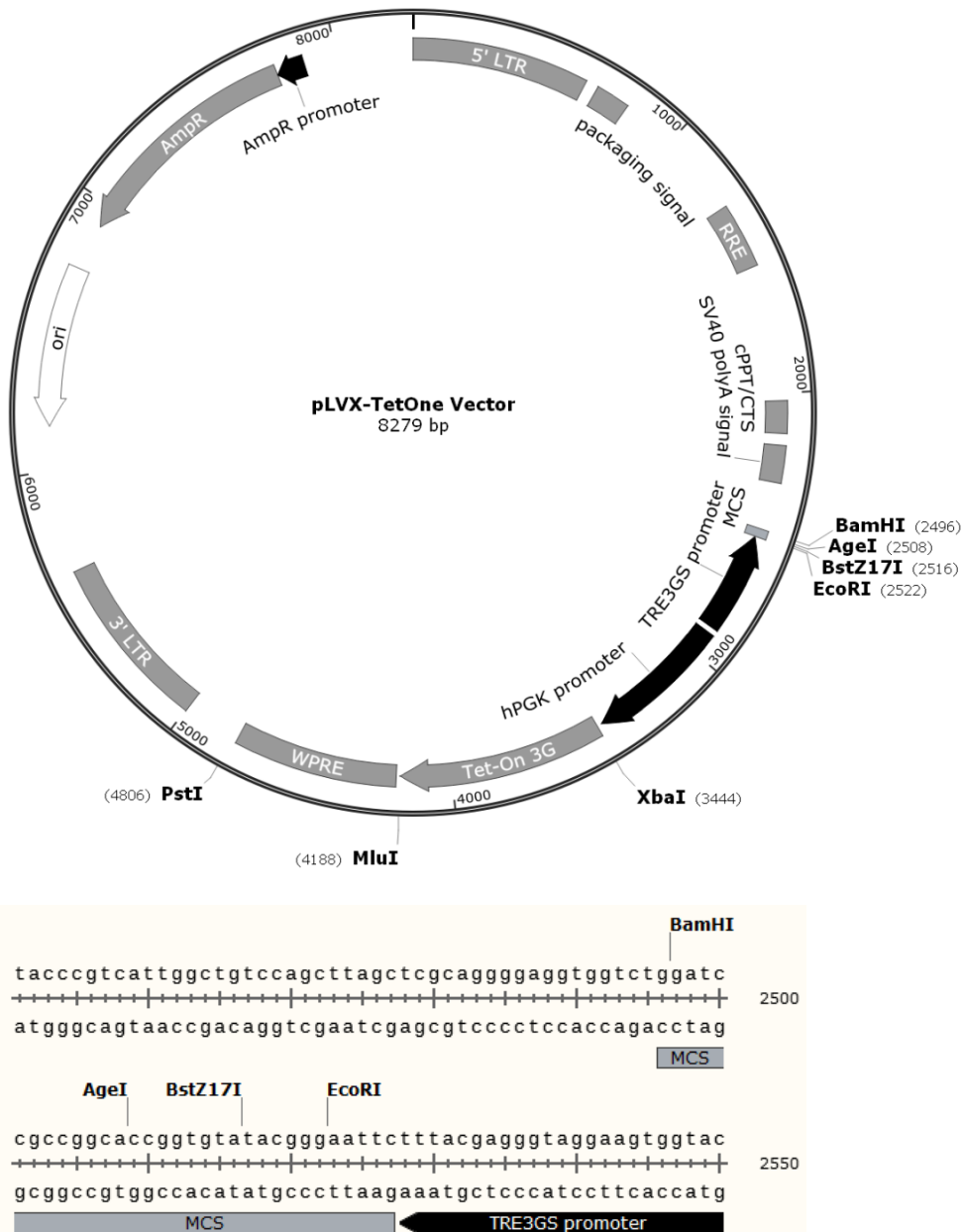


Figure 1. pLVX-TetOne vector map and multiple cloning site.

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Vector Map

pLVX-TetOne Vector Set (Not sold separately)

Cat. No. 631846

Sold as a part of Cat. Nos. 631844

Location of Features (pLVX-TetOne Vector)

- 5' LTR (5' long terminal repeat): 1–635
- Ψ (packaging signal): 681–806
- RRE (rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2144
- SV40 poly(A) signal: 2187–2321
- MCS: 2496–2527
- P_{TRE3GS} (TRE3GS promoter): 2528–2892
- P_{hPGK} (human phosphoglycerate kinase 1 promoter): 2912–3422
- Tet-On® 3G (transactivator gene): 3441–4187
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4201–4789
- 3' LTR (3' long terminal repeat): 4997–5630
- Ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 6161–6746
- Amp^R (ampicillin resistance gene): 6917–7777
- Amp^R promoter: 7778–7882 (complementary)

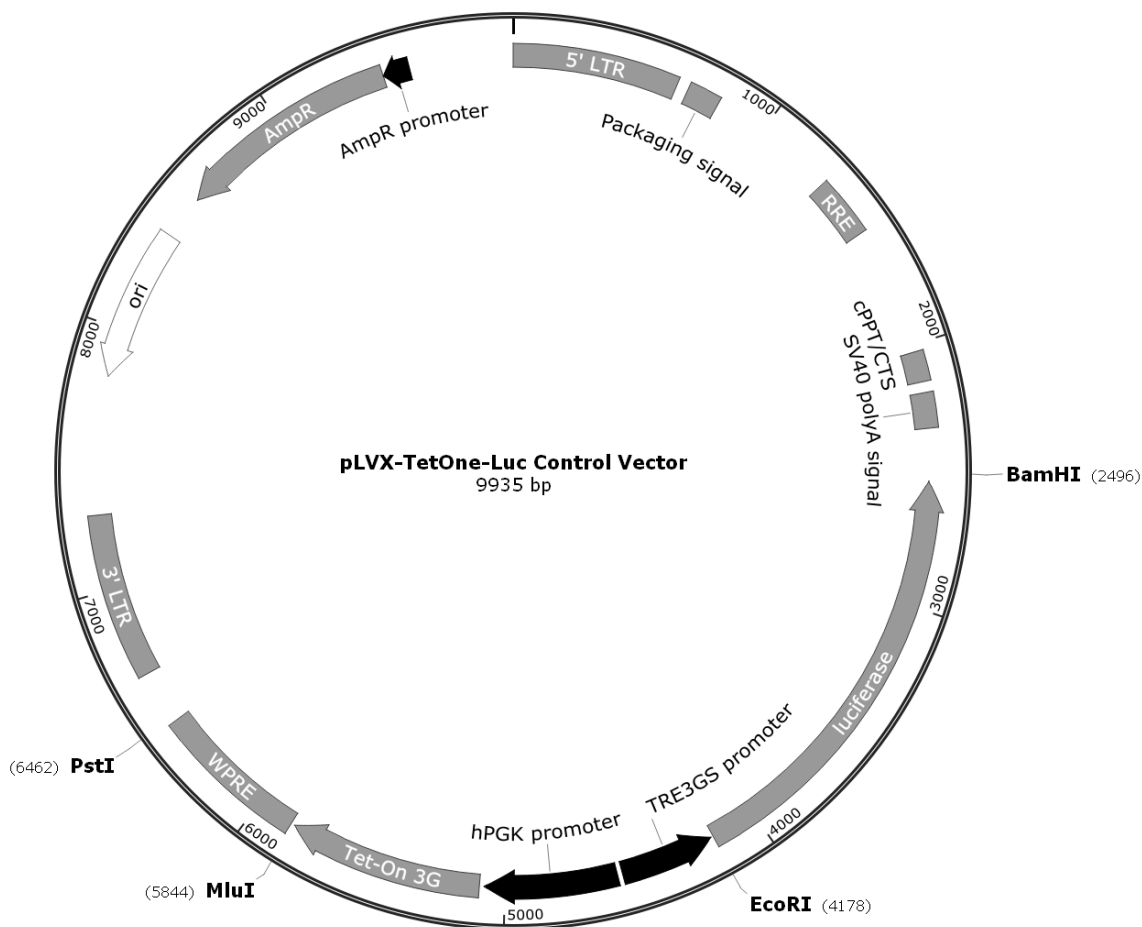


Figure 2. pLVX-TetOne-Luc Control Vector map.

Location of Features (pLVX-TetOne-Luc Control Vector)

- 5' LTR (5' long terminal repeat): 1–634
- Ψ (packaging signal): 681–806
- RRE (rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2144
- SV40 poly(A) signal: 2187–2321
- Firefly luciferase: 2522–4174
- P_{TRE3GS} (TRE3GS promoter): 4184–4548
- P_{hPGK} (human phosphoglycerate kinase 1 promoter): 4568–5078
- Tet-On 3G (transactivator gene): 5097–5843
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5857–6445
- 3' LTR (3' long terminal repeat): 6653–7286
- Ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 7817–8402
- Amp^R (ampicillin resistance gene): 8573–9433
- Amp^R promoter: 9434–9538 (complementary)

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