

## pRetroX-TetOne-Puro Vector Set

### Catalog No(s).

634309 (Not sold separately)

Sold as a part of 634307

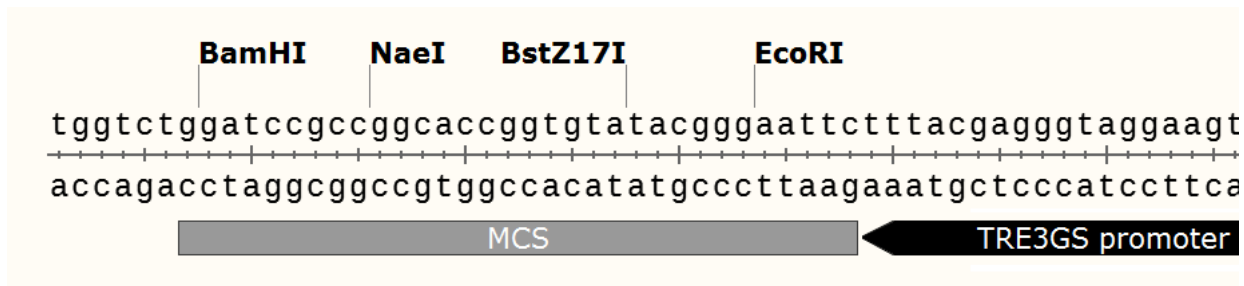
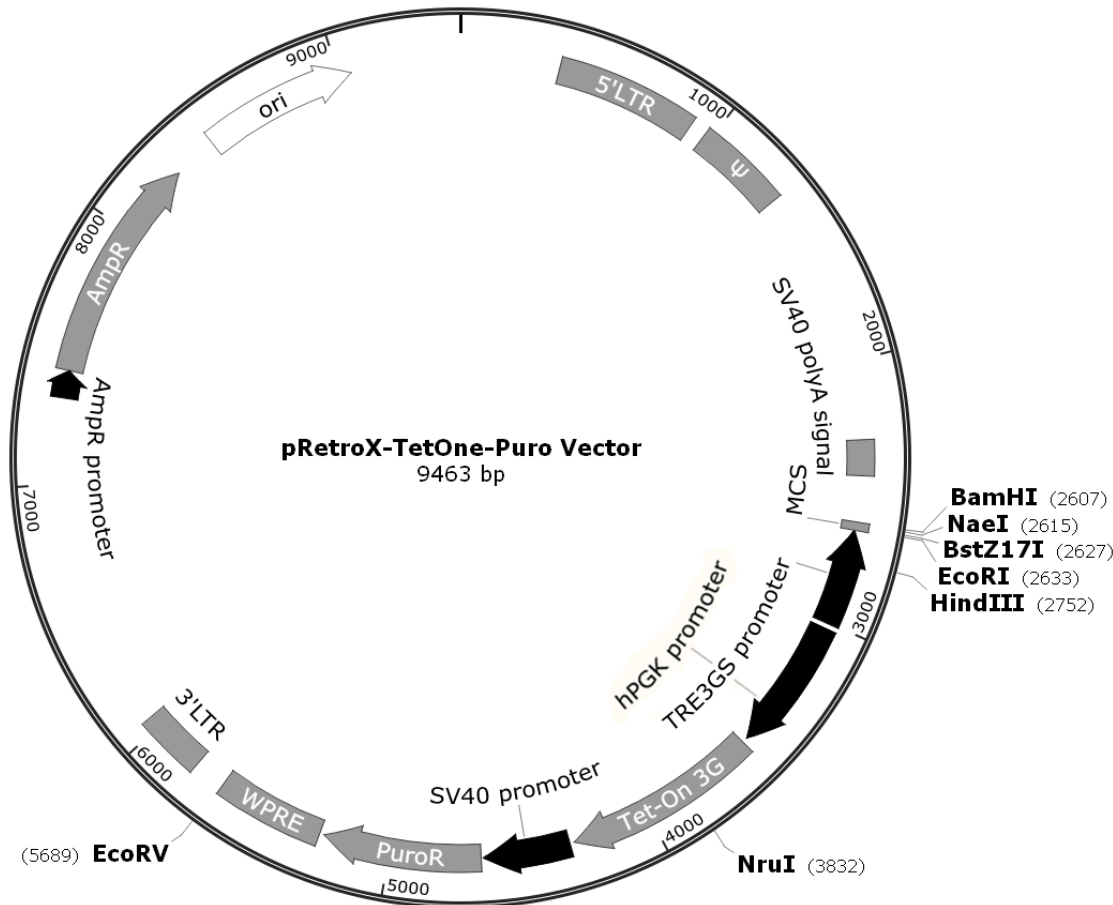


Figure 1. pRetroX-TetOne-Puro Vector map and multiple cloning site.

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# Vector Map

pRetroX-TetOne-Puro Vector Set (Not sold separately)

Cat. No. 634309

Sold as a part of Cat. Nos.634307

## Location of Features (pRetroX-TetOne-Puro Vector)

- 5' LTR (5' long terminal repeat): 376–911
- $\Psi$  (packaging signal): 974–1331
- SV40 poly(A) signal: 2298–2432
- MCS: 2607–2638
- $P_{TRE3GS}$  (TRE3GS promoter): 2639–3003
- $P_{hPGK}$  (human phosphoglycerate kinase 1 promoter): 3023–3533
- Tet-On<sup>®</sup> 3G (transactivator gene): 3552–4298
- SV40 promoter: 4316–4645
- Puro<sup>R</sup> (puromycin resistance gene): 4654–5253
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5271–5679
- 3' LTR (del in U3): 5800–6047
- Amp<sup>R</sup> promoter: 7325–7429
- Amp<sup>R</sup> (ampicillin resistance gene): 7430–8290
- ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 8461–9049

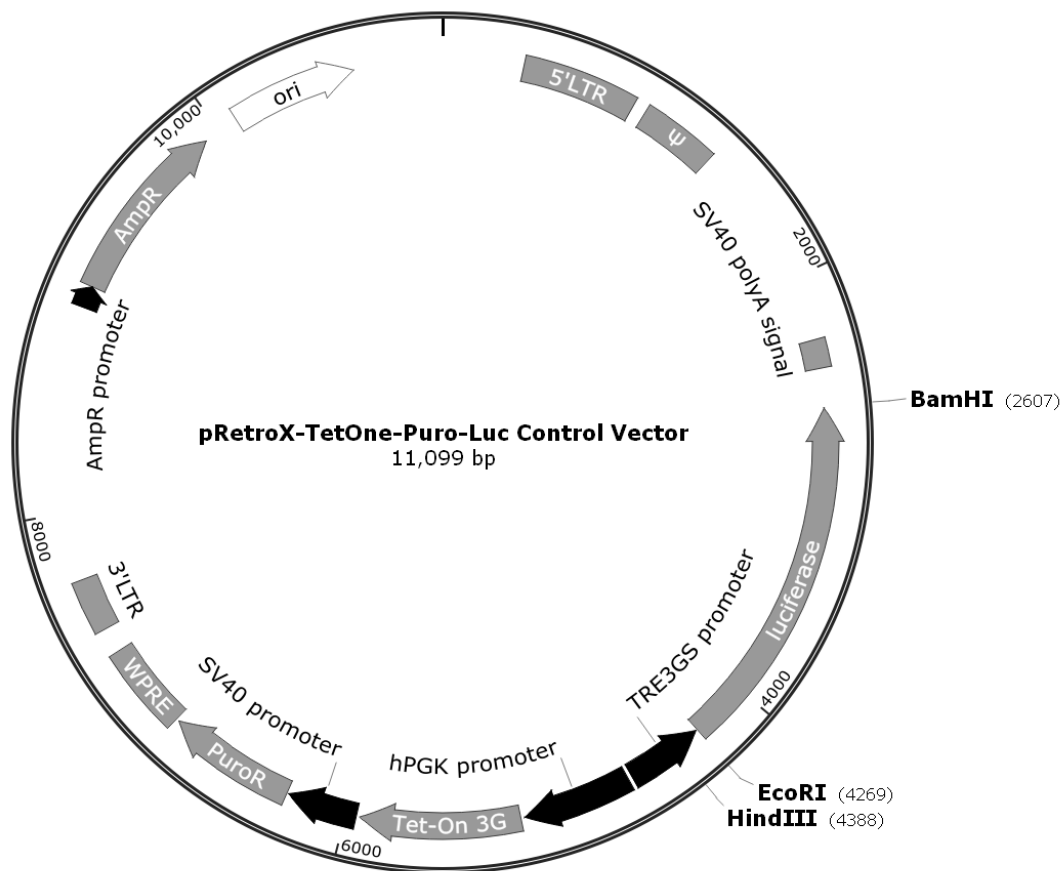


Figure 2. pRetroX-TetOne-Puro-Luc Control Vector map.

## Location of Features (pRetroX-TetOne-Puro-Luc Control Vector)

- 5' LTR (5' long terminal repeat): 376–911
- $\Psi$  (packaging signal): 974–1331
- SV40 poly(A) signal: 2298–2432
- Firefly luciferase: 2613–4265
- $P_{TRE3GS}$  (TRE3GS promoter): 4275–4639
- $P_{hPGK}$  (human phosphoglycerate kinase 1 promoter): 4659–5169
- Tet-On 3G (transactivator gene): 5188–5934
- SV40 promoter: 5952–6281
- Puro<sup>R</sup> (puromycin resistance gene): 6290–6889
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 6907–7315
- 3' LTR (del in U3): 7436–7683
- Amp<sup>R</sup> promoter: 8961–9065
- Amp<sup>R</sup> (ampicillin resistance gene): 9066–9926
- ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 10097–10685

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