

## pLVX-TRE3G-Cas9-puro Vector

### Catalog No.

(Not sold separately)

Sold as a part of 632634

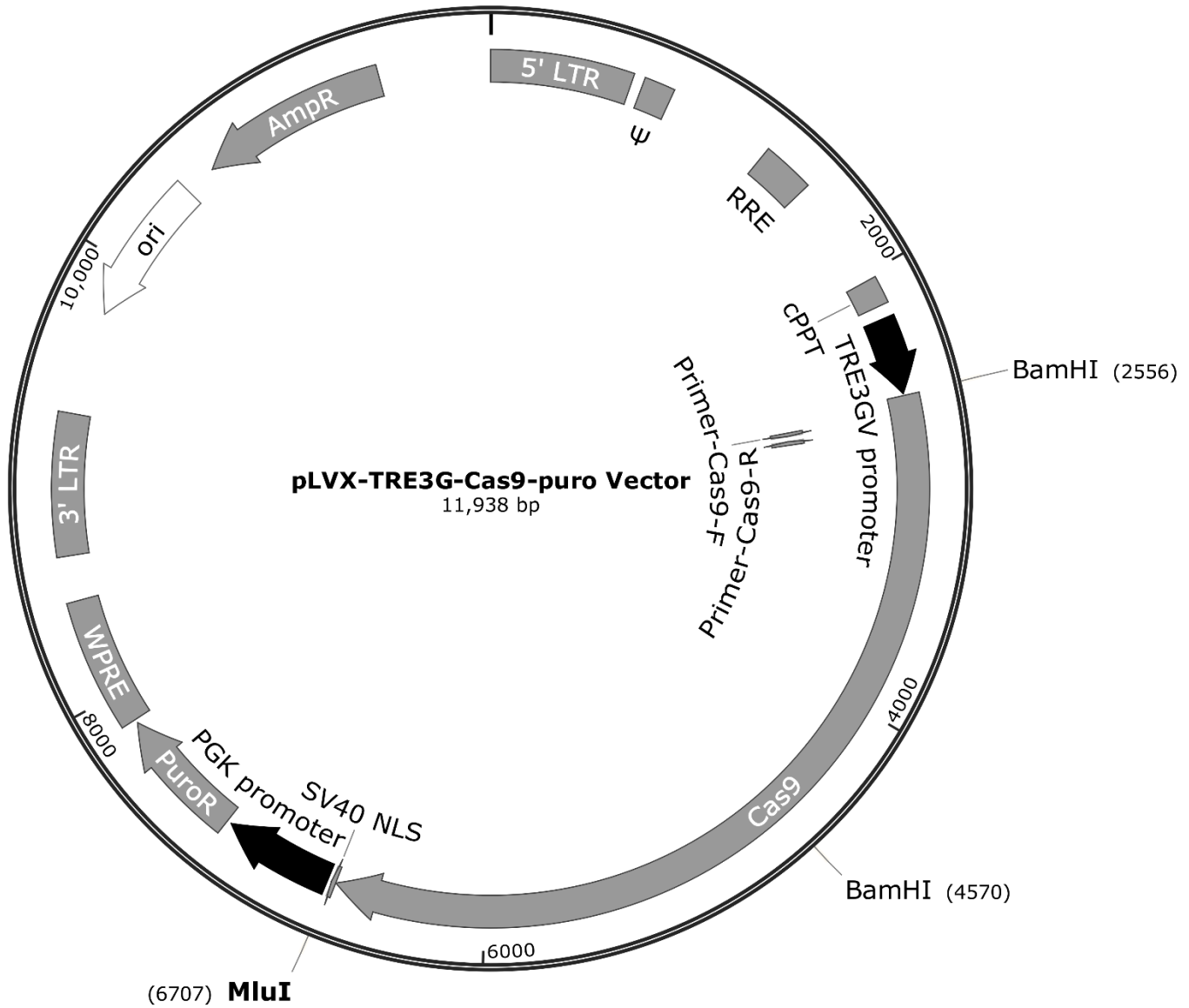


Figure 1 pLVX-TRE3G-Cas9-puro Vector map.

# Vector Map

pLVX-TRE3G-Cas9-puro Vector (Not sold separately)

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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 (central polypurine tract): 2028–2151
  - $P_{TRE3GV}$  (TRE3GV promoter): 2210–2555
  - Cas9: 2565–6680
  - Primer-Cas9-F (forward primer from Cas9 qPCR Primer Mix): 2635–2655
  - Primer-Cas9-R (reverse primer from Cas9 qPCR Primer Mix): 2688–2712 (complementary)
  - SV40 NLS: 6681–6701
  - $P_{PGK}$  (phosphoglycerate kinase promoter): 6719–7222
  - Puro<sup>R</sup> (puromycin resistance gene; puromycin acetyltransferase): 7243–7842
  - WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 7860–8451
  - 3' LTR (3' long terminal repeat): 8655–9291
  - ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 9761–10431 (complementary)
  - Amp<sup>R</sup> (ampicillin resistance gene): 10576–11436 (complementary)
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This document has been reviewed and approved by the Quality Department.