

Vector Map

Lenti-X™ SARS-CoV-2 Vector Set

Catalog Nos.

632677 (Not sold separately)

Sold as a part of 632668, 632669, 632670, 632671

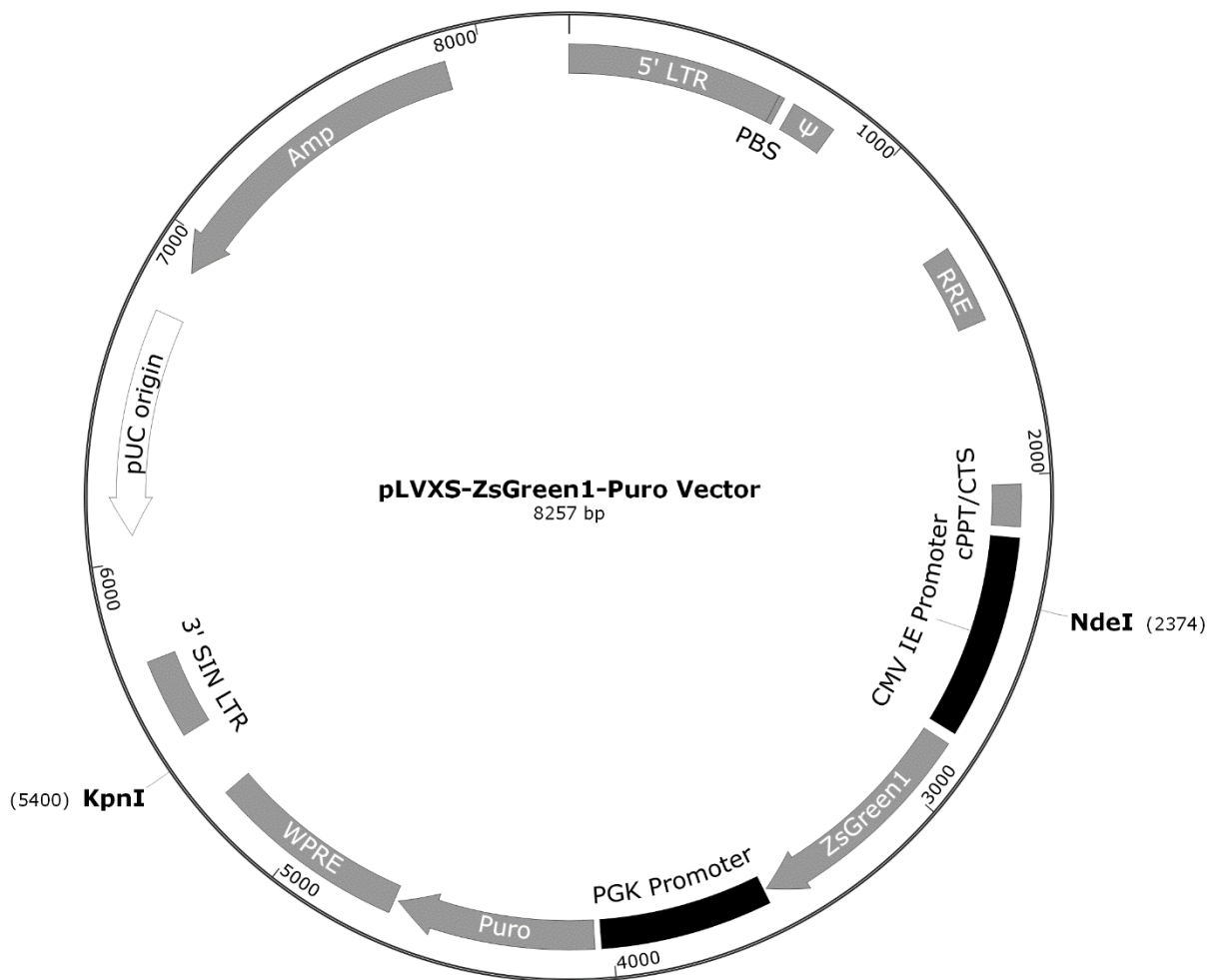


Figure 1. pLVXS-ZsGreen1-Puro Vector map.

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Vector Map

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Location of Features: pLVXS-ZsGreen1-Puro Vector

- 5' LTR (5' long terminal repeat): 1–635
- PBS (priming binding site): 636–653
- Ψ (packaging signal): 685–822
- RRE (Rev-response element): 1,303–1,536
- cPPT/CTS (central polypurine tract and central termination sequence of HIV-1): 2,028–2,151
- CMV IE Promoter: 2,185–2,787
- ZsGreen1 (human codon-optimized): 2,823–3,515
- PGK Promoter: 3,525–4,033
- Puro (Puromycin resistance gene): 4,054–4,653
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4,667–5,258
- 3' SIN LTR (3' long terminal repeat): 5,466–5,702
- pUC origin of replication: 6,078–6,751
- Amp (ampicillin resistance gene): 6,896–7,892

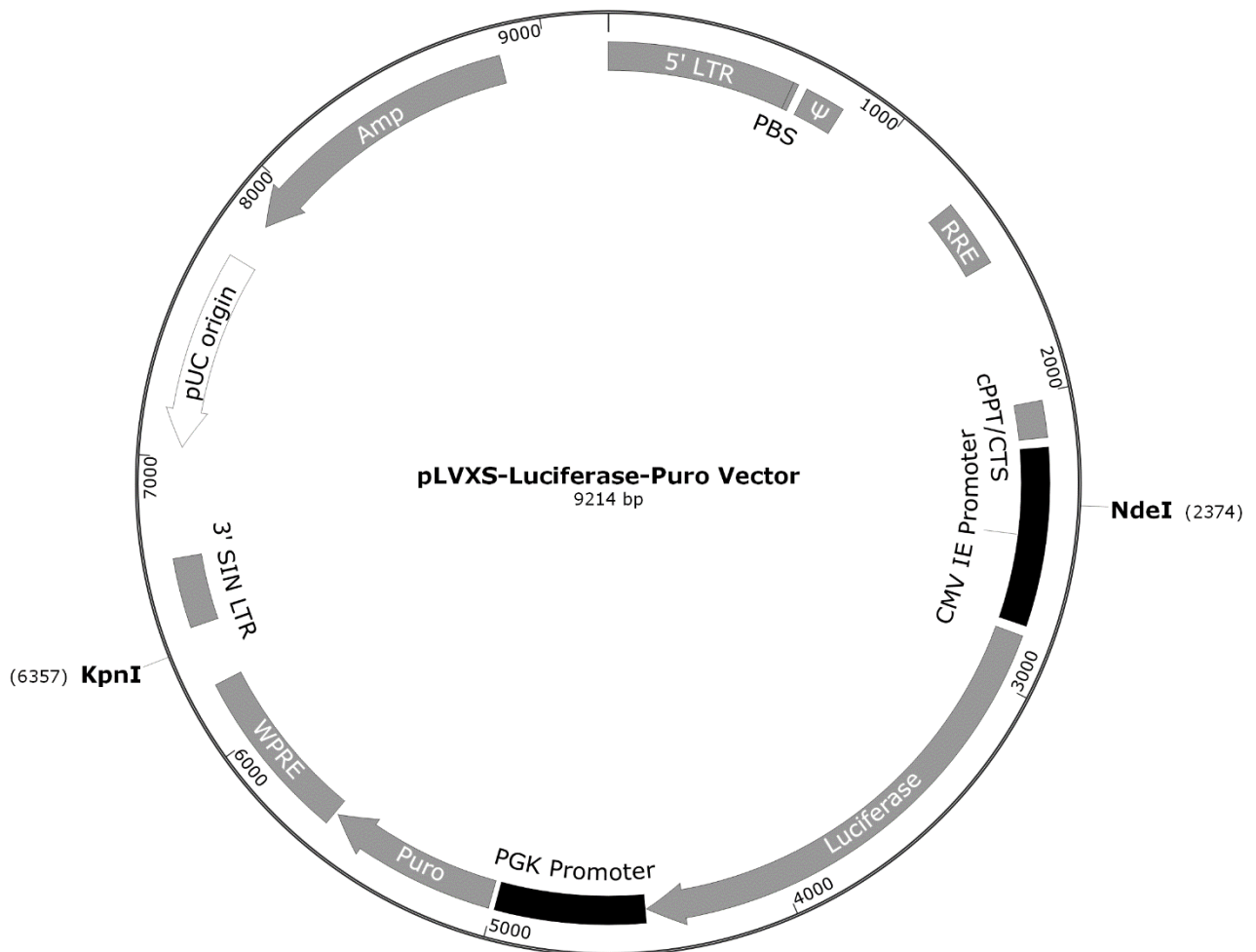


Figure 2. pLVXS-Luciferase-Puro Vector map.

Location of Features: pLVXS-Luciferase-Puro Vector

- 5' LTR (5' long terminal repeat): 1–635
- PBS (priming binding site): 636–653
- Ψ (packaging signal): 685–822
- RRE (Rev-response element): 1,303–1,536
- cPPT/CTS (central polypurine tract and central termination sequence of HIV-1): 2,028–2,151
- CMV IE Promoter: 2,185–2,787
- Luciferase (firefly luciferase gene): 2,823–4,475
- PGK Promoter: 4,482–4,990
- Puro (Puromycin resistance gene): 5,011–5,610
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5,624–6,215
- 3' SIN LTR (3' long terminal repeat): 6,423–6,659
- pUC origin of replication: 7,035–7,708
- Amp (ampicillin resistance gene): 7,853–8,849

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