

pLVX-DD-tdTomato Reporter

Catalog No(s).

631754 (Not sold separately).

Sold as part of 631753.

pLVX-DD-tdTomato Reporter Vector Information

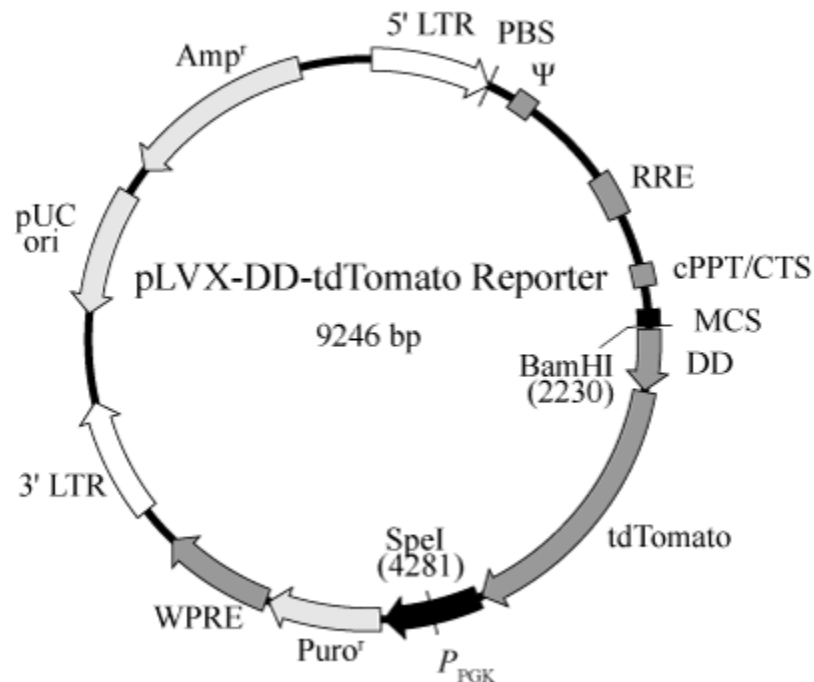


Figure 1. pLVX-DD-tdTomato Reporter vector map.

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                BstBI                               Bsp120I   Apal   BamHI
                |-----|                           |-----|   |-----|
2191  AAGCTTCGAA TTCTGCAGTC GACGGTACCG CGGGCCCGGG ATCCCGCGAC
      TTCGAAGCTT AAGACGTCAG CTGCCATGGC GCCCGGGCCC TAGGGCGCTG
    
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Figure 2. pLVX-DD-tdTomato Reporter multiple cloning site.

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Location of Features

- 5' LTR: 1–635
- PBS (primer binding site): 636–653
- Ψ (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- MCS (multiple cloning site): 2195–2246
- DD (FKBP-L106P destabilization domain): 2247–2570
- tdTomato: 2577–4004
- P_{PGK} (phosphoglycerate kinase promoter): 4026–4534
- Puro^r (puromycin resistance gene): 4555–5154
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5168–5759
- 3' LTR: 5963–6599
- pUC origin of replication: 7069–7739 (complementary)
- Amp^r (ampicillin resistance gene; β -lactamase): 7884–8880 (complementary)

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