

## pLVX-DD-AmCyan1 Reporter

<b>Catalog No(s).</b> 631749 (Not sold separately). Sold as part of 631748.	<b>Amount</b> 20 µg pLVX-DD-AmCyan1 Reporter Vector (500 ng/µl)	<b>Lot Number</b> Specified on product label.
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### pLVX-DD-AmCyan1 Reporter Vector Information

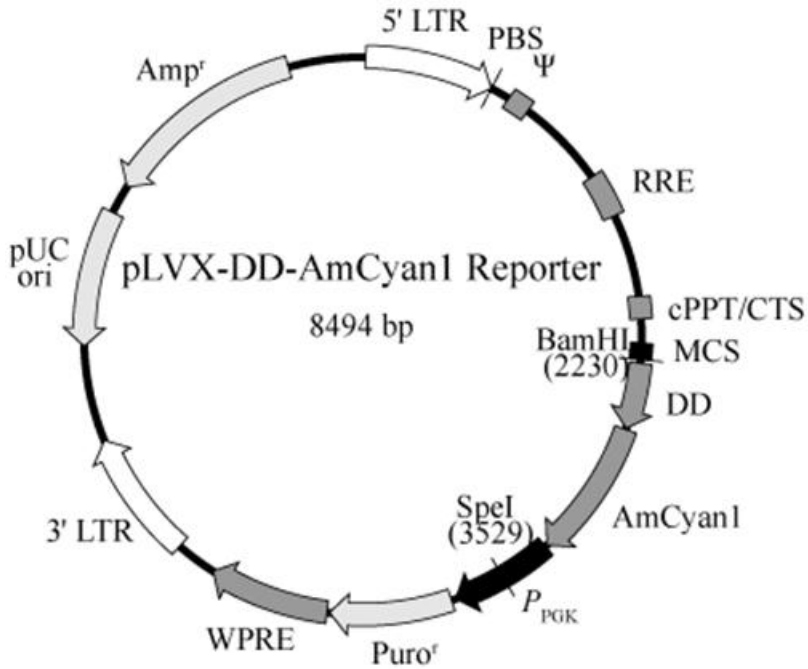


Figure 1. pLVX-DD-AmCyan1 Reporter vector map.

<u>EcoRI</u>	<u>Bsp120I</u>
<u>BstBI</u>	<u>ApaI</u> <u>BamHI</u>
2191 AAGCTTCGAA TTCTGCAGTC GACGGTACCG CGGGCCCCGGG ATCCCGCGAC	
TTCGAAGCTT AAGACGTCAG CTGCCATGGC GCCCGGGCCC TAGGGCGCTG	

Figure 2. pLVX-DD-AmCyan1 Reporter multiple cloning site.

## Location of Features

- 5' LTR: 1–635
- PBS (primer binding site): 636–653
- $\Psi$  (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- MCS (multiple cloning site): 2195–2234
- DD (FKBP-L106P destabilization domain): 2247–2570
- AmCyan1 (*Anemonia majano* cyan fluorescent protein): 2577–3263
- $P_{PGK}$  (phosphoglycerate kinase promoter): 3274–3782
- Puro<sup>r</sup> (puromycin resistance gene): 3803–4402
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4416–5007
- 3' LTR: 5211–5847
- pUC origin of replication: 6317–6987 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene;  $\beta$ -lactamase): 7132–8128 (complementary)

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