

## pLVX-DD-ZsGreen1 Reporter

<b>Catalog No(s).</b> 631752 (Not sold separately). Sold as part of 631751.	<b>Amount</b> 20 µg pLVX-DD-ZsGreen1 Reporter Vector (500 ng/µl)	<b>Lot Number</b> Specified on product label.
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### pLVX-DD-ZsGreen1 Reporter Vector Information

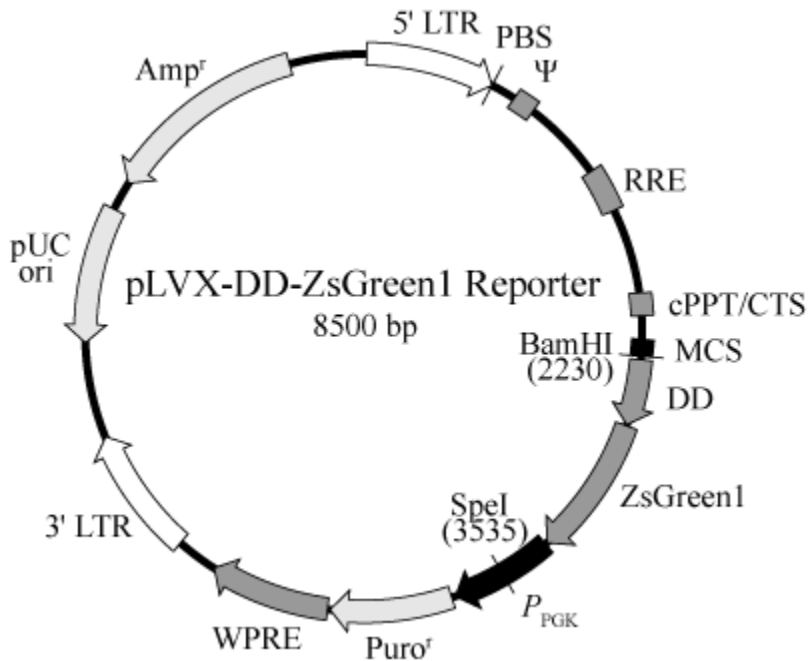


Figure 1. pLVX-DD-ZsGreen1 Reporter vector map.

	<u>EcoRI</u>		<u>BspI20I</u>		
	<u>BstBI</u>		<u>Apal</u>	<u>BamHI</u>	
2191	AAGCTTCGAA	TTCTGCAGTC	GACGGTACCG	CGGGCCCGGG	ATCCCGCGAC
	TTCGAAGCTT	AAGACGTCAG	CTGCCATGGC	GCCCGGGCCC	TAGGGCGCTG

Figure 2. pLVX-DD-ZsGreen1 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): 2195–2246
- DD (FKBP-L106P destabilization domain): 2247–2570
- ZsGreen1 (*Zoanthus* sp. green fluorescent protein): 2577–3269
- $P_{PGK}$  (phosphoglycerate kinase promoter): 3280–3788
- Puro<sup>r</sup> (puromycin resistance gene): 3809–4408
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4422–5013
- 3' LTR: 5217–5853
- pUC origin of replication: 6323–6993 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene;  $\beta$ -lactamase): 7138–8134 (complementary)

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