# Vector Map



## pAdenoX-DsRedExpress (Linear)

Catalog No(s).Amount632262 (Not sold separately).10 μl pAdenSold as part of 632268.10 μl pAden

10 μl pAdenoX-DsRedExpress (Linear)Vector (200 ng/μl)

Lot Number Specified on product label.

### pAdenoX-DsRedExpress (Linear) Vector Information



Figure 1. pAdenoX-DsRedExpress (Linear) vector map.

End of $P_{\text{CMV IE}}$	Sequence to be added to 5' end of forward primer				
CAGATCCGTC	GACGCGTAAC	TATAACGGTC	In-Fusion	GGAGAAAGAG	GTAATGAAAT
GTCTAGGCAG	CTGCGCATTG	ATATTGCCAG	<b>Cloning Site</b>	CCTCTTTCTC	CATTACTTTA
	<u>Stop</u> Sto GCAGTAGGTA CGTCATCCAT	ACTGAGGATC		Sequence to be added to 5' end of reverse primer	

Figure 2. pAdenoX-DsRedExpress (Linear) In-Fusion cloning site.

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#### **Location of Features**

- SV40 polyA signals: 106–903
- Screening Primer (reverse) [complementary]: 936–955
- *P*<sub>CMV IE</sub> (human cytomegalovirus immediate early promoter): 25353–25941
- DsRed-Express: 25980–26657
- SV40 polyA signals: 26809–26859
- ITR (inverted terminal repeat): 31816–31875
- Amp<sup>r</sup> (ampicillin resistance gene; β-lactamase): 32776–33636
- pUC origin of replication: 34281–34454
- ITR (inverted terminal repeat): 34865–34924
- Screening Primer (forward): 34968–34992
- $\Psi$  (packaging signal): 35057–35205
- $P_{\text{CMV IE}}$  (human cytomegalovirus immediate early promoter): 35245–35834

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