

## pRetroX-PTuner2

<b>Catalog No(s).</b> 631097 (Not sold separately). Sold as part of 631093.	<b>Amount</b> 20 µl pRetroX-PTuner2 Vector (500 ng/µl)	<b>Lot Number</b> Specified on product label.
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### pRetroX-PTuner2 Vector Information

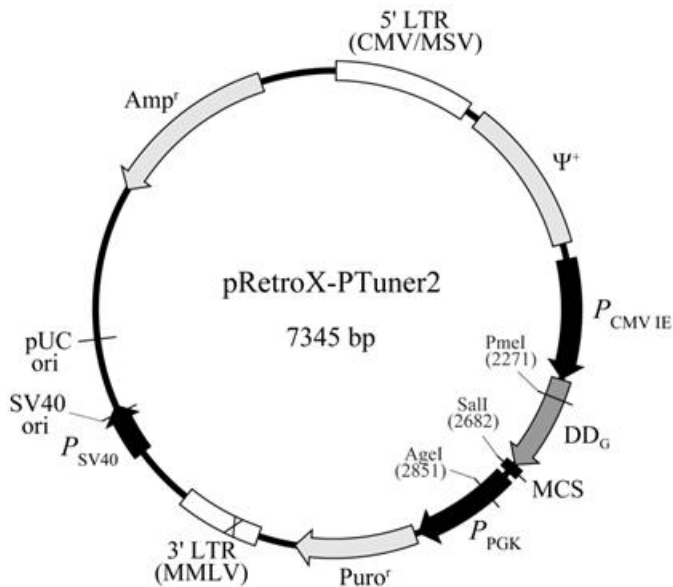


Figure 1. pRetroX-PTuner2 vector map.

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2646  End of DDG   XhoI           BstBI
      GAG CGG CGA CTC GAG CTC AAG CTT CGA ATT CTG

      Sall
      AccI           ApaI       BamHI
2679  CAG TCG ACG GTA CCG CGG GCC CGG GAT CCA
    
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Figure 2. pRetroX-PTuner2 multiple cloning site.

## Location of Features

- 5' LTR (CMV/MSV): 1–727
- $\Psi^+$  (extended packaging signal): 757–1566
- $P_{CMVIE}$  (human cytomegalovirus promoter): 1582–2170
- $DD_G$  (destabilization domain): 2178–2654
- MCS (multiple cloning site): 2655–2707
- $P_{PGK}$  (phosphoglycerate kinase promoter): 2731–3239
- Puro<sup>r</sup> (puromycin resistance gene): 3260–3859
- 3' LTR (MMLV; deletion in U3): 4044–4476
- $P_{SV40}$  (SV40 promoter): 4756–5023
- SV40 origin of replication: 4977–5042
- pUC origin of replication: 5363
- Amp<sup>r</sup> (ampicillin resistance gene;  $\beta$ -lactamase): 6123–6983 (complementary)

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