

## pRetroX-SG2M-Red Vector

**Catalog No(s).**  
631465

**Amount**  
20  $\mu$ l pRetroX-SG2M-Red Vector (500 ng/ $\mu$ l)

**Lot Number**  
Specified on product label.

### pRetroX-SG2M-Red Vector Vector Information

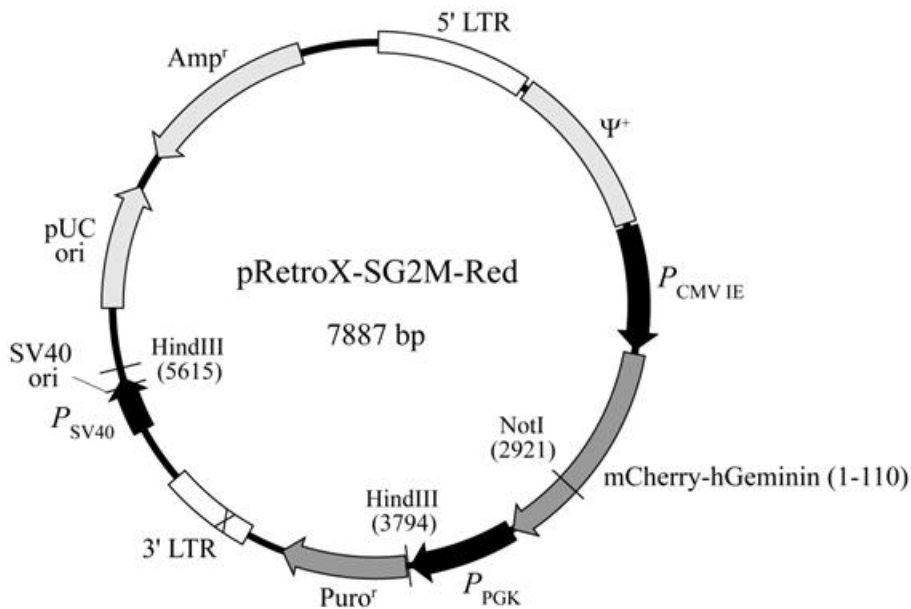


Figure 1. pRetroX-SG2M-Red Vector vector map.

### Location of Features

- 5' LTR (CMV/MSV): 1–727
- $\Psi^+$  (extended packaging signal): 757–1566
- P<sub>CMV IE</sub> (human cytomegalovirus immediate-early promoter): 1582–2170
- mCherry-hGeminin (1–110) (mCherry and hGeminin gene fusion): 2194–3261
- P<sub>PGK</sub> (murine phosphoglycerate kinase promoter): 3273–3781
- Puro<sup>r</sup> (puromycin resistance gene): 3802–4401
- 3' LTR (MMLV; deletion in U3): 4586–5018
- PolyA signal: 4844–4859
- P<sub>SV40</sub> (SV40 promoter): 5298–5565
- SV40 origin of replication: 5519–5584
- pUC origin of replication: 5904–6503
- Amp<sup>r</sup> (ampicillin resistance gene;  $\beta$ -lactamase): 6665–7525 (complementary)

#### Clontech Laboratories, Inc.

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# Vector Map

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