

Multi cloning site : 1 - 88

CLuc ORF : 102 – 1763 (Accession No.AB177531)

SV40 late poly(A) : 1778 – 1999

Amp<sup>r</sup> : 3076 – 3936

poly(A) signal (For background noise reduction) : 4654 – 4813

Recommended sequence primer

FORWARD

5'-CGA TAG TAC TAA CAT ACG CTC TCC-3'

REVERSE

5'-GGT GGA TCA GGT TCG TAA GG-3'

*Not* → Synthetic poly(A) (for background noise reduction)

TATTAAGGTA CGGGAGGTAC TTGGAGCGGC CGCAATAAAA TATCTTTATT TTCATTACAT CTGTGTGTTG

*Cla*

GTTTTTTGTG TGAATCGATA GACTAACAT ACGCTCTCCA TCAAACAAA ACGAAACAAA ACAAACTAGC

*Cla*      *Kpn*      *Cla*

AAAATAGGCT GTCCCCAGTG CAAGTGCAGG TGCCAGAACA TTTCTCTATC GATAGGTACC ACCGATCGAT

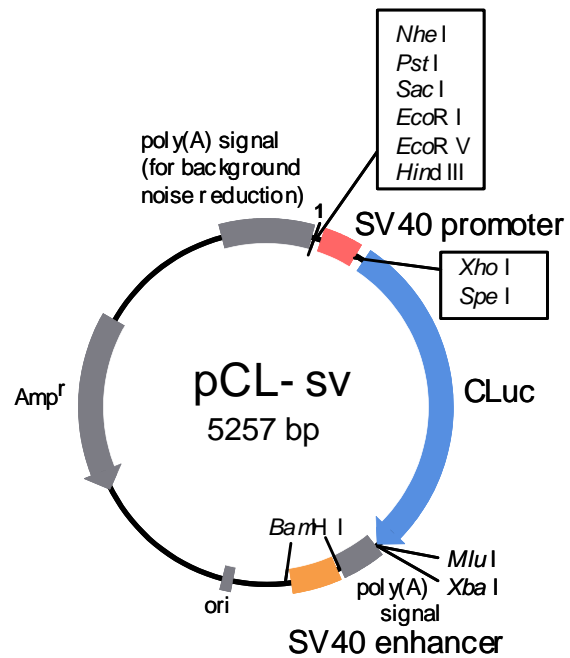
*Nhe*   *Pst*   *Sac*   *EcoR*   *EcoR*   *Hind*   *Sma*   *Xho*      *Spe*

CGCTAGCTGC AGAGCTCGAA TTCGATATCA AGCTTCCCGG GCTCGAGATT CCGGTACTGT TGGTAAACTA

→ CLuc ORF

GTAGGAGGTA GAACCATGAA GACCTTAATT CTTGCCGTTG CATTAGTCTA CTGCGCCACT GTTCATTGCC

AGGACTGTCC TTACGAACCT GATC...



**SV40 promoter : 52 - 247**

**CLuc ORF : 292 – 1953 (Accession No.AB177531)**

**SV40 late poly(A) : 1968 – 2189**

**SV40 enhancer : 2196 - 2442**

**Amp<sup>r</sup> : 3529 – 4379**

**poly(A) signal (For background noise reduction) : 5097 - 5256**