



Description:

1. pLAS2w.RFP-C.Pneo was derived from pLAS2w.Pneo;
2. A 0.7 kb DNA fragment encoding RFP gene was cloned into *NheI* and *PmeI* sites;
3. The RFP gene is expressed under the control of CMV promoter;
4. Neo (aminoglycoside phosphotransferase) is expressed under the control of hPGK promoter.
5. Neo which confers resistance to G418 when cells are transduced with virus produced from this vector.

Location of Features:

- CMV promoter: nt 234-802
- RFP gene: nt 885-1580
- cPPT: nt 1670-1787
- hPGK promoter : nt 1840-2346
- neo gene: nt 2368-3162
- WPRE: nt 3172-3760
- HIV 3'LTR: nt 3852-4096
- SV40 polyA: nt 4158-4288
- *bla* promoter: nt 5148-5246
- Amp: nt 5247-6104
- Ori: nt 6308-6848
- RSV promoter: nt 7333-7561
- HIV 5'LTR: nt 7562-7742
- Psi sequence: nt 7853-7897
- RRE: nt 8408-8649