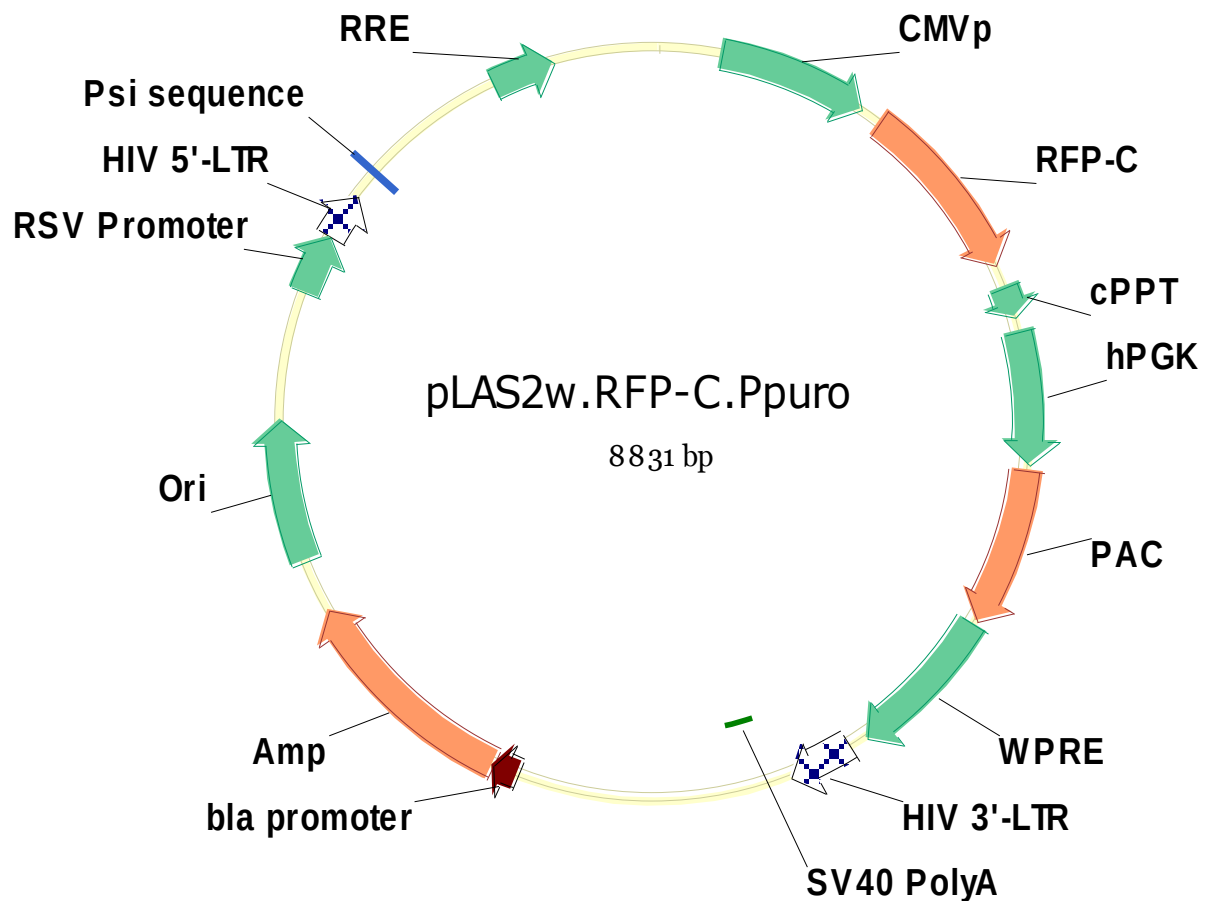




Description:

1. pLAS2w.RFP-C.Ppuro was derived from pLAS2w.Ppuro;
2. The RFP is expressed under the control of CMV promoter;
3. Puromycin resistant gene (PAC; puromycin N-acetyl-transferase) is expressed under the control of hPGK promoter.

Location of Features:

• CMV promoter	: nt 234-802	• bla promoter	: nt 4943-5041
• RFP	: nt 885-1580	• Amp	: nt 5042-5899
• cPPT	: nt 1669-1786	• Ori	: nt 6103-6643
• hPGK promoter	: nt 1842-2346	• RSV promoter	: nt 7128-7356
• PAC	: nt 2367-2966	• HIV 5'LTR	: nt 7357-7537
• WPRE	: nt 2982-3570	• Psi sequence	: nt 7648-7692
• HIV 3'LTR	: nt 3641-3891	• RRE	: nt 8203-8444
• SV40 polyA	: nt 3953-4083		

Note: CMV promoter sequencing primer (forward): 5'- CCAAATGTCGTAACAACTC-3'