



### Description:

pPGK-GFP was derived from pLKO.1-puro. It retains necessary *cis*-elements for packaging, reverse transcription and integration.

### Location of features:

- Human phosphoglycerate kinase (hPGK) promoter: 1-507
- GFP: 529-1248
- HIV 3' long terminal repeat (HIV 3'-LTR): 1375-1619
- SV40 polyA: 1681-1811
- bla promoter: 2671-2769
- Ampicillin resistance (AmpR): 2770-3627
- Origin of replication (Ori): 3831-4371
- RSV promoter: 4856-5084
- HIV 5' long terminal repeat (HIV 5'-LTR): 5085-5265
- RNA packaging signal (Psi) sequence: 5376-5420
- Rev response element (RRE): 5941-6145