



Description:

PLKO.1-shLuc is a luciferase shRNA-expressing plasmid. *AgeI* and *EcoRI* sites are retained on this plasmid, thus it can be used as a cloning vector for constructing your shRNA of interest.

Location of features:

- Human phosphoglycerate kinase (hPGK) promoter: 1-507
- Puromycin: 529-1128
- HIV 3' long terminal repeat (HIV 3'-LTR): 1255-1499
- SV40 polyA: 1561-1691
- bla promoter: 2551-2649
- Ampicillin resistance (AmpR): 2650-3507
- pUC origin of replication (pUC ori): 3711-4251
- RSV promoter: 4736-4964
- HIV 5' long terminal repeat (HIV 5'-LTR): 4965-5145
- RNA packaging signal (Psi) sequence: 5256-5300
- Rev response element (RRE): 5821-6025
- U6 promoter: 6571-6818
- shLuc: 6822-6868