



Description:

pLAS2w.Pneo is a lentiviral transfer vector driven by CMV immediate early promoter and it also contains the expression cassette of Neo (aminoglycoside phosphotransferase) which confers resistance to G418 when cells are transduced with virus produced from this vector.

Location of Features (for other features, please refer to pLKO.1):

- CMV promoter : nt 234-802
- Multiple cloning sites: nt 879-947
- Neo expression cassette: nt 1153-2475
- WPRE sequence: nt 2485-3073

Note:

1. Stbl3 (Invitrogen) bacterium is recommended to be used for transformation.
2. Please clone your gene/ORF of interest into *NheI* site where AGC can serve as a Kozak sequence for efficient translation (GCTAGC followed by ACCATG can be also considered).