



Description:

pLAS3w.Phyg is a lentiviral transfer vector driven by CAG promoter and it also contains the expression cassette of Hyg (hygromycin-B phosphotransferase) which confers resistance to hygromycin B when cells are transduced with virus produced from this vector.

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

- CAG promoter : nt172-1878
- Multiple cloning sites: nt1912-1945
- Hyg expression cassette: nt2155-3714
- WPRE sequence: 3733-4321

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).