



Description:

pLAS2w.Phyg is a lentiviral transfer vector driven by CMV immediate early 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):

- CMV promoter : nt234-802
- Multiple cloning sites: nt879-947
- Hyg expression cassette: nt1153-2702
- WPRE sequence: 2721-3309

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).**