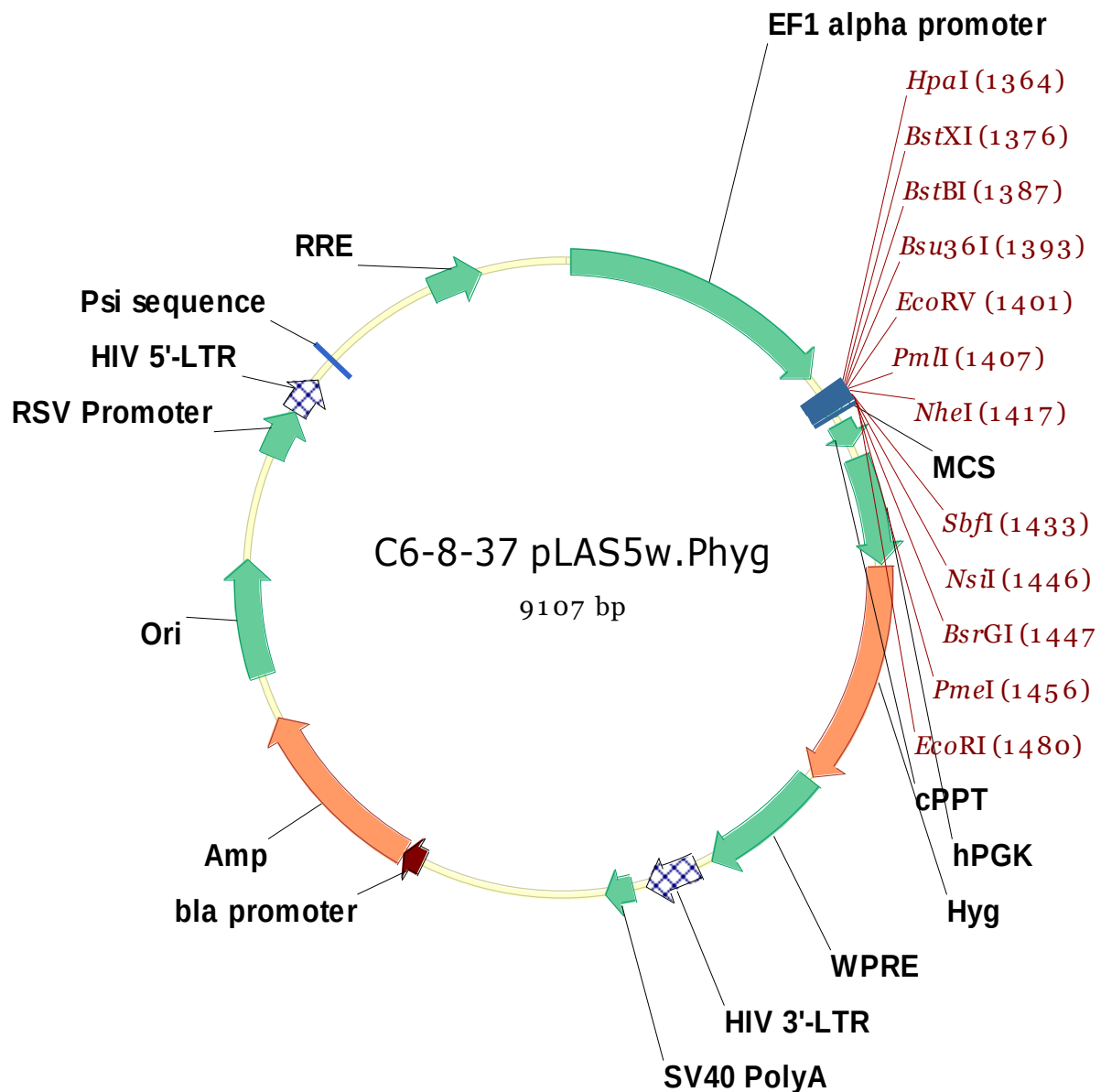




Description:

pLAS5w.Phyg was derived from pLAS2w.Phyg by replacing CMVp with elongation factor 1 alpha promoter (EF1 α p).

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

- | | | | |
|--------------------------|----------------|---------------------------|----------------|
| • EF1 alpha promoter | : nt 15-1273 | • Hyg expression cassette | : nt 2208-3239 |
| • Multiple cloning sites | : nt 1361-1484 | • WPRE sequence | : nt 3258-3846 |

Note:

1. Since lentiviral transfer vector may undergo sequence re-arrangement and/or deletion when its ligated products were transformed into DH5 α competent cells; to avoid that, Stbl3 (Invitrogen) is recommended for transformation.
2. If plasmid-transformed Stbl3 cells grow slowly, try to transform it into HB101 or GM2163 E. coli strain for large-prep.