



### Description:

pAS4w.1.Pneo is a tetracycline inducible system (TRE tight version that contains 7 copies of modified tetO sequence, a tetracycline repressor binding sequence). Neomycin/G418 (neo) resistant gene is driven by human PGK promoter (hPGK) for the selection of virally transduced cells.

### Location of Features:

- Tet-inducible promoter ( TRE-Tight): nt14-440.
- 1.9kb Stuffer: nt537-2405.
- Multiple cloning sites: as indicated by restriction sites with dark red color.
- hPGK: nt2644-3147.
- neo resistant gene: nt3168-3962.

### Note:

1. Stbl3 (Invitrogen) bacteria is recommended to be used for transformation.