



Description:

pAS4w.1.Ppuro is a tetracycline inducible system (TRE tight version that contains 7 copies of modified tetO sequence, a tetracycline repressor binding sequence). Puromycin (PAC) 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: nt2639-3142.
- PAC (puro) resistant gene: nt3163-3762.

Note:

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