



Description:

pLKO_TRC018 (TRC2 vector) was derived from pLKO_TRC005 with the following modifications:

(i) PAC gene was replaced by hygromycin gene.

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

- Human U6 promoter: nt7429-7680
- Stuffer : nt7681-9549
- cPPT: nt9591-9708
- Human PGK promoter: nt4-508
- Hygro (hygromycin resistant gene): nt519-1541
- WPRE (woodchuck post-transcription regulation element): nt1569-2157

Note:

DNA sequences within lentiviral genome including both 5'LTR and 3'LTR (not included the whole stuffer sequence) had been verified by TRC.