



Description:

pLKO_TRC008 (TRC2 vector) was derived from pLKO_TRC005 with the following modification:

- (i) PAC gene was replaced by a fusion CDS coding for a cleavable fusion protein of blasticidine (bsd) resistant protein and turboGFP, which allows one to select the transduced cells with bsd antibiotics and to observe GFP fluorescence.

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

- Human U6 promoter: nt7599-7850
- Stuffer : nt7851-9719
- cPPT: nt9761-9878
- Human PGK promoter: nt4-508
- Bsd: nt519-914; GSG-F2A:nt921-1019; turboGFP: nt1026-1724

Note:

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