



Description:

pLKO_TRC009 (TRC1 vector) was derived from pLKO_TRC001 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 turboRFP-C, which allows one to select the transduced cells with bsd antibiotics and to observe RFP fluorescence.

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

- Human U6 promoter: nt7701-7950
- Stuffer : nt7953-9821
- cPPT: nt9863-9980
- Human PGK promoter: nt4-508
- Bsd: nt519-914; GSG-F2A:nt921-1019; turboRFP-C: nt1026-1721

Note:

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