



Description:

pLKO_TRC007 (TRC1 vector) was derived from pLKO_TRC001 with the following modification:

- (i) PAC gene was replaced by turboRFP-C, which allows one to monitor the transduced cells by observing RFP fluorescence using microscope.

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

- Human U6 promoter: nt7213-7462
- Stuffer : nt7465-9333
- Human PGK promoter: nt4-508
- turboRFP-C: nt522-1217
- WPRE (woodchuck post-transcription regulation element): nt1233-1821

Note:

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