

1 Lentiviral Tet-on Cas9 Expression Vector (all-in-one)

5'-LTRt-Pack1---tightTRE—SpCas9-V5—PGK-rtTA-P2A-BSD-Pack2--3'-LTRt-PolyA-Amp^R
 (size 12.5 kb) Puro

2 Lentiviral Recombinant Antibody Expression Vector

5'-LTRt-Pack1-CMV--HC-scFv-IgG1—PGK-LC-scFv-kappa--- Puro or BSD--- Pack2--3'-LTRt-PolyA--Amp^R
 (size 8.5 kb) IgG2, IgG3, IgG4 Lambda

3 Lentiviral Fc fusion protein Expression Vector

5'-LTRt-Pack1-CMV---ORF—IgG1-Fc—PGK-GFP-P2A-Puro--Pack2--3'-LTRt-PolyA--Amp^R
 (size 7.5 kb)

4 Lentiviral-CAR-T Expression Vector

5'-LTRt—Pack1--eEF1a----scFv----4-1BBICD-CD3ξ—(PGK-GFP)-(P2A-Puro)--Pack2--3'-LTRt—PolyA-Amp^R
 (size 8.0-8.5 kb) CD28ICD cDNA BSD

5 Lentiviral Tet-on Cas9 Knockout Expression Vector Set

Lentiviral Tet-on SpCas9 –Puro and Lentiviral hU6-sg –PGK-GFP-P2A-BSD
 RFP

6 Lentiviral ORF Fusion Expression Vector

5'-LTRt—Pack1--CMV--cDNA-GFP-P2A--Puro--Pack2--3'-LTRt-PolyA--Amp^R
 (size 6.8-9.8 kb) eEF1a RFP, YFP, BFP BSD, Hygro

7 Lentiviral Tet-on ORF cDNA Expression Vector (all-in-one) for in vivo

5'-LTRt-Pack1---tightTRE—ORF-V5—PGK-Luc-T2A-rtTA-P2A-BSD-Pack2--3'-LTRt-PolyA-Amp^R
 (size 10.8 kb) GFP, RFP

8 Lentiviral Tet-on shRNA Expression Vector (all-in-one) for in vivo image

5'-LTRt-Pack1-hU6-TetO--shRNA—PGK-Luc-T2A-rtTA-P2A-BSD--Pack2--3'-LTRt-PolyA--Amp^R
 (size 11.0 kb) GFP, RFP