Resource Summary Report

Generated by RRID on Aug 25, 2026

pENTR-L5-oPRE-L2

RRID:Addgene_32414
Type: Plasmid

Proper Citation

RRID:Addgene_32414

Plasmid Information

URL: http://www.addgene.org/32414

Proper Citation: RRID:Addgene_32414

Insert Name: oPRE

Bacterial Resistance: Kanamycin

Defining Citation: PMID:21772812

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pDONR221 P5-P2; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Comments: Gene Therapy (2006) 13, 641–645. doi:10.1038/sj.gt.3302698; published online 15 December 2005 'Woodchuck hepatitis virus post-transcriptional regulatory element deleted from X protein and promoter sequences enhances retroviral vector titer and expression. Schambach A, Bohne J, Baum C, Hermann FG, Egerer L, von Laer D, Giroglou T. Gene Ther. 2006 Apr;13(7):641-5.' Addgene Sanger sequencing confirms that all four ATGs in the oPRE have been mutated to TAGs

Plasmid Name: pENTR-L5-oPRE-L2

Relevant Mutation: WPRE with deletion of X protein promoter and mutation of all four ATGs which are followed by an ORF encoding more than 25 amino acids

Record Creation Time: 20220422T222140+0000

Record Last Update: 20260815T081345+0000

Ratings and Alerts

No rating or validation information has been found for pENTR-L5-oPRE-L2.

No alerts have been found for pENTR-L5-oPRE-L2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Horstick EJ, et al. (2015) Increased functional protein expression using nucleotide sequence features enriched in highly expressed genes in zebrafish. Nucleic acids research, 43(7), e48.