

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pT7-PEmax for IVT

RRID:Addgene_178113

Type: Plasmid

Proper Citation

RRID:Addgene_178113

Plasmid Information

URL: <http://www.addgene.org/178113>

Proper Citation: RRID:Addgene_178113

Insert Name: PEmax

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34653350](#)

Vector Backbone Description: Vector Backbone:pT7; Vector Types:Template for in vitro transcription; Bacterial Resistance:Ampicillin

Comments: Addgene's NGS results identified a one base pair mismatch in the RT region of the plasmid relative to the depositor's reference sequence. The mismatch does not impact the amino acid sequence and is not predicted to impact plasmid function.

Plasmid Name: pT7-PEmax for IVT

Relevant Mutation: Detailed in manuscript

Record Creation Time: 20220422T222027+0000

Record Last Update: 20260815T081114+0000

Ratings and Alerts

No rating or validation information has been found for pT7-PEmax for IVT.

No alerts have been found for pT7-PEmax for IVT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Jozi?? A, et al. (2026) In vivo endosomal escape assay identifies mechanisms for efficient hepatic LNP delivery. Nature biotechnology.

Roman A, et al. (2025) Prime editing corrects the dilated cardiomyopathy causing RBM20-P633L-mutation in human cardiomyocytes. Molecular therapy. Nucleic acids, 36(4), 102734.

Findik B, et al. (2025) Targeted inhibition of ELANE expression using adenine base editing to treat severe congenital neutropenia. Molecular therapy. Methods & clinical development, 33(4), 101626.

Sousa AA, et al. (2025) In vivo prime editing rescues alternating hemiplegia of childhood in mice. Cell, 188(16), 4275.

Yan J, et al. (2024) Improving prime editing with an endogenous small RNA-binding protein. Nature, 628(8008), 639.

Bonnycastle LL, et al. (2024) Generation of Human Isogenic Induced Pluripotent Stem Cell Lines with CRISPR Prime Editing. The CRISPR journal, 7(1), 53.

Doman JL, et al. (2022) Designing and executing prime editing experiments in mammalian cells. Nature protocols, 17(11), 2431.