Resource Summary Report

Generated by RRID on Aug 19, 2026

pAcBac1.tR4-MbPyl

RRID:Addgene_50832
Type: Plasmid

Proper Citation

RRID:Addgene_50832

Plasmid Information

URL: http://www.addgene.org/50832

Proper Citation: RRID:Addgene_50832

Insert Name: two-copy Pyl tRNA cassette

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:23818609

Vector Backbone Description: Vector Backbone:pAcBac; Vector Types:Insect Expression, baculoviral; Bacterial Resistance:Ampicillin

Plasmid Name: pAcBac1.tR4-MbPyl

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260815T081609+0000

Ratings and Alerts

No rating or validation information has been found for pAcBac1.tR4-MbPyl.

No alerts have been found for pAcBac1.tR4-MbPyl.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Milagros S, et al. (2024) The infectivity of AAV9 is influenced by the specific location and extent of chemically modified capsid residues. Journal of biological engineering, 18(1), 34.

Galles GD, et al. (2023) Tuning phenylalanine fluorination to assess aromatic contributions to protein function and stability in cells. Nature communications, 14(1), 59.

Puzzo F, et al. (2023) Aptamer-programmable adeno-associated viral vectors as a novel platform for cell-specific gene transfer. Molecular therapy. Nucleic acids, 31, 383.

Zagotta WN, et al. (2021) An improved fluorescent noncanonical amino acid for measuring conformational distributions using time-resolved transition metal ion FRET. eLife, 10.

Jang HS, et al. (2020) Efficient Site-Specific Prokaryotic and Eukaryotic Incorporation of Halotyrosine Amino Acids into Proteins. ACS chemical biology, 15(2), 562.

Serfling R, et al. (2018) Designer tRNAs for efficient incorporation of non-canonical amino acids by the pyrrolysine system in mammalian cells. Nucleic acids research, 46(1), 1.

Heil CS, et al. (2018) Site-Specific Labelling of Multidomain Proteins by Amber Codon Suppression. Scientific reports, 8(1), 14864.

Katrekar D, et al. (2018) Oligonucleotide conjugated multi-functional adeno-associated viruses. Scientific reports, 8(1), 3589.