Resource Summary Report

Generated by NIF on Jul 29, 2026

pBT140

RRID:Addgene_27493
Type: Plasmid

Proper Citation

RRID:Addgene_27493

Plasmid Information

URL: http://www.addgene.org/27493

Proper Citation: RRID:Addgene_27493

Insert Name: Nuclear localization signal-Cre

Organism: P1 bacteriophage

Bacterial Resistance: Ampicillin

Defining Citation: PMID:21179085

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4200; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Although the kanamycin resistance marker is present in the full plasmid sequence, the depositing lab has never used Kan or Kan/Amp selection for this plasmid. In Addgene's experience, the kanamycin resistance is not functional. According to the Luo lab, the function of this plasmid is not affected.

Plasmid Name: pBT140

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260725T074519+0000

Ratings and Alerts

No rating or validation information has been found for pBT140.

No alerts have been found for pBT140.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Lo HG, et al. (2025) Quantification of subcellular RNA localization through direct detection of RNA oxidation. Nucleic acids research, 53(5).

Kolakada D, et al. (2025) Systematic analysis of nonsense variants uncovers peptide release rate as a novel modifier of nonsense-mediated mRNA decay. Cell genomics, 5(7), 100882.

Kolakada D, et al. (2024) Peptidyl-tRNA hydrolysis rate influences the efficiency of nonsense-mediated mRNA decay. bioRxiv : the preprint server for biology.

Goering R, et al. (2023) RNA localization mechanisms transcend cell morphology. eLife, 12.

Engel KL, et al. (2022) Analysis of subcellular transcriptomes by RNA proximity labeling with Halo-seq. Nucleic acids research, 50(4), e24.