

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

PB-U6insert

RRID:Addgene_104536

Type: Plasmid

Proper Citation

RRID:Addgene_104536

Plasmid Information

URL: <http://www.addgene.org/104536>

Proper Citation: RRID:Addgene_104536

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30093604](#)

Vector Backbone Description: Backbone Marker:Systems Biosciences; Backbone Size:4700; Vector Backbone:Piggybac; Vector Types:Mammalian Expression, Mouse Targeting, CRISPR, Synthetic Biology, Piggybac transposon; Bacterial Resistance:Ampicillin

Plasmid Name: PB-U6insert

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260725T073408+0000

Ratings and Alerts

No rating or validation information has been found for PB-U6insert.

No alerts have been found for PB-U6insert.

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](#) .

Handler JS, et al. (2025) A cell-state axis underlying colonization in carcinomas with implications for metastasis risk prediction and interception. Cell reports, 44(12), 116701.

Ching RW, et al. (2025) Forced expression of MSR repeat transcripts above a threshold limit breaks heterochromatin organisation. Nature communications, 16(1), 6420.

Benzinger D, et al. (2025) Investigating morphogen and patterning dynamics with optogenetic control of morphogen production. Developmental cell.

Morimoto K, et al. (2024) Regional random mutagenesis driven by multiple sgRNAs and diverse on-target genome editing events to identify functionally important elements in non-coding regions. Open biology, 14(4), 240007.

Handler JS, et al. (2024) Identifying a gene signature of metastatic potential by linking pre-metastatic state to ultimate metastatic fate. bioRxiv : the preprint server for biology.