Resource Summary Report

Generated by RRID on Aug 22, 2026

pT4/HB

RRID:Addgene_108352
Type: Plasmid

Proper Citation

RRID:Addgene_108352

Plasmid Information

URL: http://www.addgene.org/108352

Proper Citation: RRID:Addgene_108352

Bacterial Resistance: Ampicillin

Defining Citation: PMID:27913727

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3457; Vector Backbone:pBluescript; Vector Types:Transposon; Bacterial Resistance:Ampicillin

Comments: The Sleeping Beauty transposon system consists of two components: the transposon vector and the transposase vector. The transposon vector (pT4/HB, Addgene #108352) contains binding sites flanking the GOI. And the transposase vector (pCMV(CAT)T7-SB100, Addgene #34879) encodes for the enzyme mediating excision and integration of the GOI.

Plasmid Name: pT4/HB

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260815T080119+0000

Ratings and Alerts

No rating or validation information has been found for pT4/HB.

No alerts have been found for pT4/HB.

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 .

Shiiba I, et al. (2026) STIM1-Mitofusin2 interactions tether mitochondria and melanosome contacts that promote melanosome maturation. Nature communications, 17(1).

Oh D, et al. (2025) Generation of a genetically engineered porcine melanoma model featuring oncogenic control through conditional Cre recombination. Scientific reports, 15(1), 1616.

Bergo NJ, et al. (2025) Detection of extracellular amyloid beta aggregates by an Aducanumab-based synNotch receptor: an in vitro proof-of-concept study. Journal of translational medicine, 23(1), 1255.

Edelstein HI, et al. (2025) Conversion of natural cytokine receptors into orthogonal synthetic biosensors. Nature chemical biology.

Costanzo A, et al. (2024) Repositioning the Early Pathology of Type 1 Diabetes to the Extraislet Vasculature. Journal of immunology (Baltimore, Md. : 1950), 212(7), 1094.

Liu S, et al. (2023) A tissue injury sensing and repair pathway distinct from host pathogen defense. Cell, 186(10), 2127.

Ochoa MC, et al. (2023) Synergistic effects of combined immunotherapy strategies in a model of multifocal hepatocellular carcinoma. Cell reports. Medicine, 4(4), 101009.

Melero I, et al. (2023) Intratumoral co-injection of NK cells and NKG2A-neutralizing monoclonal antibodies. EMBO molecular medicine, 15(11), e17804.