Resource Summary Report

Generated by RRID on Aug 25, 2026

INCTbiosyn-pUB-HspINTBxb1

RRID:Addgene_127519
Type: Plasmid

Proper Citation

RRID:Addgene_127519

Plasmid Information

URL: http://www.addgene.org/127519

Proper Citation: RRID:Addgene_127519

Insert Name: Integrase Bxb1 coding sequence codon optimized for H. sapiens expression.

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32444777

Vector Backbone Description: Vector Backbone:pBluescript II SK(-); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note: In 2987 plasmid position, in the UbC promoter, there is a SNP where a G was changed for a T. The whole insert (promoter, CDS and terminator) was synthesized and cloned into backbone plasmid. The UbC promoter and _-globin poly(A) signal sequences are derived from pUB-GFP plasmid (Addgene #11155). The original Bxb1 coding sequence (before H. sapiens codon optimization) was obtained from Bonnet, J. et al. Science 340, 599-603 (2013) (Genbank KC529324.1).

Plasmid Name: INCTbiosyn-pUB-HspINTBxb1

Record Creation Time: 20220422T221709+0000

Record Last Update: 20260815T080437+0000

Ratings and Alerts

No rating or validation information has been found for INCTbiosyn-pUB-HspINTBxb1.

No alerts have been found for INCTbiosyn-pUB-HspINTBxb1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

de Oliveira MA, et al. (2024) Protocol for the establishment of a serine integrase-based platform for functional validation of genetic switch controllers in eukaryotic cells. PloS one, 19(5), e0303999.