

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

INCTbiosyn-pUB-HspINT4

RRID:Addgene_127513

Type: Plasmid

Proper Citation

RRID:Addgene_127513

Plasmid Information

URL: <http://www.addgene.org/127513>

Proper Citation: RRID:Addgene_127513

Insert Name: Integrase 4 coding sequence codon optimized for H. sapiens expression.

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32444777](#)

Vector Backbone Description: Vector Backbone:pUB-GFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The integrase 4 coding sequence was synthesized and cloned into pUB-GFP plasmid (Addgene #11155) replacing the EGFP coding sequence. The original integrase coding sequence (before H. sapiens codon optimization) was obtained from Yang, L. et al. Nat. Methods 11, 1261-1266 (2014).

Plasmid Name: INCTbiosyn-pUB-HspINT4

Record Creation Time: 20220422T221709+0000

Record Last Update: 20260808T080713+0000

Ratings and Alerts

No rating or validation information has been found for INCTbiosyn-pUB-HspINT4.

No alerts have been found for INCTbiosyn-pUB-HspINT4.

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 [SPARC SAWG](#) .

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.