

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pSH-EFIREs-P-AtAFB2-mCherry-weak NLS

RRID:Addgene_129717

Type: Plasmid

Proper Citation

RRID:Addgene_129717

Plasmid Information

URL: <http://www.addgene.org/129717>

Proper Citation: RRID:Addgene_129717

Insert Name: AFB2

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31451765](#)

Vector Backbone Description: Backbone Size:8200; Vector Backbone:pSH-EFIREs-P; Vector Types:Mammalian Expression, CRISPR, TALEN, Human safe harbor locus (A AVS1) site-specific integration; Bacterial Resistance:Ampicillin

Plasmid Name: pSH-EFIREs-P-AtAFB2-mCherry-weak NLS

Relevant Mutation: codon optimized

Record Creation Time: 20220422T221721+0000

Record Last Update: 20260815T080501+0000

Ratings and Alerts

No rating or validation information has been found for pSH-EFIREs-P-AtAFB2-mCherry-weak NLS.

No alerts have been found for pSH-EFIREs-P-AtAFB2-mCherry-weak NLS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Li Z, et al. (2026) Protocol for generating endogenous degron tags in essential transcription factors in human iPSCs via CRISPR-Cas9. STAR protocols, 7(2), 104602.

Lukyanchikova V, et al. (2025) Chromatin landscape, transcriptomic and ChIP-seq profiling of Anopheles stephensi MSQ43 cell line. Scientific data, 12(1), 1566.

Chen Y, et al. (2024) Targeting the Epigenetic Reader ENL Inhibits Super-Enhancer-Driven Oncogenic Transcription and Synergizes with BET Inhibition to Suppress Tumor Progression. Cancer research, 84(8), 1237.

Sepulveda GP, et al. (2024) DOT1L stimulates MYC/Mondo transcription factor activity by promoting its degradation cycle on chromatin. bioRxiv : the preprint server for biology.

Yunusova AM, et al. (2024) Assessing cell lines with inducible depletion of cohesin and condensins components through analysis of metaphase chromosome morphology. Vavilovskii zhurnal genetiki i selektsii, 28(2), 138.

Li J, et al. (2022) A One-step strategy to target essential factors with auxin-inducible degron system in mouse embryonic stem cells. Frontiers in cell and developmental biology, 10, 964119.

Yunusova A, et al. (2021) Evaluation of the OsTIR1 and AtAFB2 AID Systems for Genome Architectural Protein Degradation in Mammalian Cells. Frontiers in molecular biosciences, 8, 757394.