

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pAC-SP6

RRID:Addgene_102418

Type: Plasmid

Proper Citation

RRID:Addgene_102418

Plasmid Information

URL: <http://www.addgene.org/102418>

Proper Citation: RRID:Addgene_102418

Insert Name: Ac transposase

Organism: Maize

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37367831](#)

Vector Backbone Description: Backbone Size:3500; Vector Backbone:p64T; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: A. Emelyanov and S. Parinov. Mifepristone-inducible LexPR system to drive and control gene expression in transgenic zebrafish. *Developmental Biology*, 320(1):113–121, 2008. ISSN 00121606. doi: 10.1016/j.ydbio.2008.04.042. A. Emelyanov, Y. Gao, N. I. Naqvi, and S. Parinov. Trans-kingdom transposition of the maize Dissociation element. *Genetics*, 174(3):1095–1104, 2006. ISSN 00166731. doi: 10.1534/genetics.106.061184. Usage notes: Linearise with BamHI for in vitro transcription. Note: The AC transposase insert covers amino acids 103 through 807. Please visit <https://www.biorxiv.org/content/10.1101/450684v2> for bioRxiv preprint.

Plasmid Name: pAC-SP6

Record Creation Time: 20220422T221456+0000

Record Last Update: 20260912T091350+0000

Ratings and Alerts

No rating or validation information has been found for pAC-SP6.

No alerts have been found for pAC-SP6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.