

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

vYM112_PB-pEF1a-optiPIN2-HA(Hygro)

RRID:Addgene_160045

Type: Plasmid

Proper Citation

RRID:Addgene_160045

Plasmid Information

URL: <http://www.addgene.org/160045>

Proper Citation: RRID:Addgene_160045

Insert Name: PIN2

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35235768](#)

Vector Backbone Description: Backbone Marker:SYSTEM BIOSCIENCES; Vector Backbone:PiggyBac; Vector Types:Mammalian Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: vYM112_PB-pEF1a-optiPIN2-HA(Hygro)

Relevant Mutation: codon optimized

Record Creation Time: 20220422T221906+0000

Record Last Update: 20260815T080837+0000

Ratings and Alerts

No rating or validation information has been found for vYM112_PB-pEF1a-optiPIN2-HA(Hygro).

No alerts have been found for vYM112_PB-pEF1a-optiPIN2-HA(Hygro).

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](#) .

Ma Y, et al. (2022) Synthetic mammalian signaling circuits for robust cell population control. Cell, 185(6), 967.