

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 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](#)

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## 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.