

Resource Summary Report

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

[pX037](#)

RRID:Addgene_167156

Type: Plasmid

Proper Citation

RRID:Addgene_167156

Plasmid Information

URL: <http://www.addgene.org/167156>

Proper Citation: RRID:Addgene_167156

Insert Name: caffeic acid cycle genes

Organism: Escherichia coli, Neonothopanus nambi

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32341562](#)

Vector Backbone Description: Backbone Size:4839; Vector Backbone:Level2-like; Vector Types:Plant Expression; Bacterial Resistance:Kanamycin

Comments: Encodes 5 transcription units for expression in plants: Kanamycin resistance cassette, Neonothopanus nambi hispidin synthase, Neonothopanus nambi hispidin-3-hydroxylase, Neonothopanus nambi luciferase, Neonothopanus nambi caffeoylpyruvate hydrolase The depositing lab does not recommend this plasmid for most applications, and recommend using pNK3071 instead (<https://www.addgene.org/219755/>)

Plasmid Name: pX037

Record Creation Time: 20220422T221940+0000

Record Last Update: 20260815T080941+0000

Ratings and Alerts

No rating or validation information has been found for pX037.

No alerts have been found for pX037.

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](#) .

Shakhova ES, et al. (2024) An improved pathway for autonomous bioluminescence imaging in eukaryotes. Nature methods, 21(3), 406.