

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 19, 2026

pEXP5-NT-7th R

RRID:Addgene_42573

Type: Plasmid

Proper Citation

RRID:Addgene_42573

Plasmid Information

URL: <http://www.addgene.org/42573>

Proper Citation: RRID:Addgene_42573

Insert Name: mutated calmodulin gene

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23630096](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2745; Vector Backbone:pEXP5-NT/TOPO; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pEXP5-NT-7th R

Relevant Mutation: changed Phenylalanine 92 to Glutamine acid, Isoleucine 85 to Leucine, Alanine 88 to Glutamine, Histidine 107 to Isoleucine, Leucine 112 to Arginine, Methionine 124 to Leucine, Alanine 128 to Threonine, Methionine 144 to Arginine

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260919T091825+0000

Ratings and Alerts

No rating or validation information has been found for pEXP5-NT-7th R.

No alerts have been found for pEXP5-NT-7th R.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.