

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pCAGGs-NLS-TIR1_P2A_NES-TIR1

RRID:Addgene_117699

Type: Plasmid

Proper Citation

RRID:Addgene_117699

Plasmid Information

URL: <http://www.addgene.org/117699>

Proper Citation: RRID:Addgene_117699

Insert Name: TRANSPORT INHIBITOR RESPONSE 1

Organism: Oryza sativa

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30120238](#)

Vector Backbone Description: Backbone Marker:Francis Stewart; Backbone Size:6399; Vector Backbone:custom; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The codon optimized NLS-TIR1 is described in: Baker, O. et al. RAC-tagging: Recombineering And Cas9-assisted targeting for protein tagging and conditional analyses. Sci Rep 6, 25529 (2016). Some ambiguous bases and differences are present between the depositor sequence and Addgene's NGS sequence, but they are not expected to impact plasmid functionality.

Plasmid Name: pCAGGs-NLS-TIR1_P2A_NES-TIR1

Relevant Mutation: codon optimized for murine expression

Record Creation Time: 20220422T221616+0000

Record Last Update: 20260808T080538+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGs-NLS-TIR1_P2A_NES-TIR1.

No alerts have been found for pCAGGs-NLS-TIR1_P2A_NES-TIR1.

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 [SPARC SAWG](#) .

Beer KB, et al. (2019) Degron-tagged reporters probe membrane topology and enable the specific labelling of membrane-wrapped structures. Nature communications, 10(1), 3490.