

# Resource Summary Report

Generated by [dkNET](#) on Aug 15, 2026

## AAV-Synapsin-NLS-YPET-optoNES.V416I-WPRE

RRID:Addgene\_159973

Type: Plasmid

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### Proper Citation

RRID:Addgene\_159973

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### Plasmid Information

**URL:** <http://www.addgene.org/159973>

**Proper Citation:** RRID:Addgene\_159973

**Insert Name:** NLS-YPET-optoNES.V416I

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:33037199](#)

**Vector Backbone Description:** Backbone Size:4543; Vector Backbone:AAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

**Comments:** Constructs are multipart, modular and generated iteratively.

**Plasmid Name:** AAV-Synapsin-NLS-YPET-optoNES.V416I-WPRE

**Relevant Mutation:** V416I

**Record Creation Time:** 20220422T221905+0000

**Record Last Update:** 20260815T080836+0000

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### Ratings and Alerts

No rating or validation information has been found for AAV-Synapsin-NLS-YPET-optoNES.V416I-WPRE.

No alerts have been found for AAV-Synapsin-NLS-YPET-optoNES.V416I-WPRE.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.