

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 2, 2026

pPHR-mCherry-NLS-VP16

RRID:Addgene_103821

Type: Plasmid

Proper Citation

RRID:Addgene_103821

Plasmid Information

URL: <http://www.addgene.org/103821>

Proper Citation: RRID:Addgene_103821

Insert Name: PHR-mCherry-VP16

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29122982](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3945; Vector Backbone:pmCherry-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: aa412-482 of UL48 (transactivation domain); mCherry was cut out from the backbone (XhoI/NotI cuts) and reinserted with the insert

Plasmid Name: pPHR-mCherry-NLS-VP16

Relevant Mutation: VP16: G126T (silent, G42G)

Record Creation Time: 20220422T221503+0000

Record Last Update: 20260801T075829+0000

Ratings and Alerts

No rating or validation information has been found for pPHR-mCherry-NLS-VP16.

No alerts have been found for pPHR-mCherry-NLS-VP16.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Rademacher A, et al. (2020) Tracing Reversible Light-Induced Chromatin Binding with Near-infrared Fluorescent Proteins. *Methods in molecular biology* (Clifton, N.J.), 2173, 171.

Trojanowski J, et al. (2019) Light-Induced Transcription Activation for Time-Lapse Microscopy Experiments in Living Cells. *Methods in molecular biology* (Clifton, N.J.), 2038, 251.