

Resource Summary Report

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

pHR SFFVp Phy-mCherry-CAAX

RRID:Addgene_50839

Type: Plasmid

Proper Citation

RRID:Addgene_50839

Plasmid Information

URL: <http://www.addgene.org/50839>

Proper Citation: RRID:Addgene_50839

Insert Name: PhyB 1-908

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21909100](#)

Vector Backbone Description: Vector Backbone:pHR; Vector Types:Lentiviral, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Please note this plasmid is a crucial component of the system described in this additional reference: Toettcher JE, Weiner OD, Lim WA, Cell. 2013 Dec 5;155(6):1422-34. doi: 10.1016/j.cell.2013.11.004. (PMID 24315106)

Plasmid Name: pHR SFFVp Phy-mCherry-CAAX

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260815T081609+0000

Ratings and Alerts

No rating or validation information has been found for pHR SFFVp Phy-mCherry-CAAX.

No alerts have been found for pHR SFFVp Phy-mCherry-CAAX.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Carrasco-L??pez C, et al. (2020) Development of light-responsive protein binding in the monobody non-immunoglobulin scaffold. Nature communications, 11(1), 4045.

Bugaj LJ, et al. (2019) High-throughput multicolor optogenetics in microwell plates. Nature protocols, 14(7), 2205.

Bugaj LJ, et al. (2018) Cancer mutations and targeted drugs can disrupt dynamic signal encoding by the Ras-Erk pathway. Science (New York, N.Y.), 361(6405).

Sayeg MK, et al. (2015) Rationally Designed MicroRNA-Based Genetic Classifiers Target Specific Neurons in the Brain. ACS synthetic biology, 4(7), 788.