

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pHR SFFVp BFP-Erk2

RRID:Addgene_50848

Type: Plasmid

Proper Citation

RRID:Addgene_50848

Plasmid Information

URL: <http://www.addgene.org/50848>

Proper Citation: RRID:Addgene_50848

Insert Name: Erk2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24315106](#)

Vector Backbone Description: Vector Backbone:pHR; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pHR SFFVp BFP-Erk2

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260725T074808+0000

Ratings and Alerts

No rating or validation information has been found for pHR SFFVp BFP-Erk2.

No alerts have been found for pHR SFFVp BFP-Erk2.

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 [NIF](#) .

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).

Goglia AG, et al. (2017) Optogenetic Control of Ras/Erk Signaling Using the Phy-PIF System. *Methods in molecular biology* (Clifton, N.J.), 1636, 3.

Wilson MZ, et al. (2017) Tracing Information Flow from Erk to Target Gene Induction Reveals Mechanisms of Dynamic and Combinatorial Control. *Molecular cell*, 67(5), 757.

Gross SM, et al. (2017) Quantification of growth factor signaling and pathway cross talk by live-cell imaging. *American journal of physiology. Cell physiology*, 312(3), C328.