

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[pCAG-HcRed](#)

RRID:Addgene_11152

Type: Plasmid

Proper Citation

RRID:Addgene_11152

Plasmid Information

URL: <http://www.addgene.org/11152>

Proper Citation: RRID:Addgene_11152

Insert Name: HcRed1 from Heteractis crispa

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:14603031](#)

Vector Backbone Description: Backbone Marker:Available at Addgene (#11160); Backbone Size:4779; Vector Backbone:pCAGEN; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: CAG promoter (chicken beta-actin promoter with CMV enhancer) is more efficient than CMV promoter, see "Efficient selection for high-expression transfectants with a novel eukaryotic vector", Gene. 1991 Dec 15;108(2):193-9.

Plasmid Name: pCAG-HcRed

Record Creation Time: 20220422T221543+0000

Record Last Update: 20260815T080151+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-HcRed.

No alerts have been found for pCAG-HcRed.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Pardo-Piñón M, et al. (2026) Cargo-Adaptor Cooperation Programs Retromer Coat Architecture. bioRxiv : the preprint server for biology.

Choi J, et al. (2023) Noncanonical Rab9a action supports retromer-mediated endosomal exit of human papillomavirus during virus entry. PLoS pathogens, 19(9), e1011648.

Harwood MC, et al. (2023) HPV is a cargo for the COPI sorting complex during virus entry. Science advances, 9(3), eadc9830.

Xie J, et al. (2020) TBC1D5-Catalyzed Cycling of Rab7 Is Required for Retromer-Mediated Human Papillomavirus Trafficking during Virus Entry. Cell reports, 31(10), 107750.

Arias ME, et al. (2017) Effect of transfection and co-incubation of bovine sperm with exogenous DNA on sperm quality and functional parameters for its use in sperm-mediated gene transfer. Zygote (Cambridge, England), 25(1), 85.

Popa A, et al. (2015) Direct binding of retromer to human papillomavirus type 16 minor capsid protein L2 mediates endosome exit during viral infection. PLoS pathogens, 11(2), e1004699.