

Resource Summary Report

Generated by [kravitz2](#) on Aug 28, 2026

mRFP-RBD(R59A)-mRFP

RRID:Addgene_18664

Type: Plasmid

Proper Citation

RRID:Addgene_18664

Plasmid Information

URL: <http://www.addgene.org/18664>

Proper Citation: RRID:Addgene_18664

Insert Name: Ras binding domain of Raf

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16429133](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4000; Vector Backbone:pCI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: mRFP-RBD(R59A)-mRFP

Relevant Mutation: R59A mutation in RBD

Record Creation Time: 20220422T222041+0000

Record Last Update: 20260826T041314+0000

Ratings and Alerts

No rating or validation information has been found for mRFP-RBD(R59A)-mRFP.

No alerts have been found for mRFP-RBD(R59A)-mRFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Fuentes NR, et al. (2018) Long-Chain n-3 Fatty Acids Attenuate Oncogenic KRas-Driven Proliferation by Altering Plasma Membrane Nanoscale Proteolipid Composition. *Cancer research*, 78(14), 3899.

Podkalicka J, et al. (2018) The microdomain-organizing protein MPP1 is required for insulin-stimulated activation of H-Ras. *Oncotarget*, 9(26), 18410.

Shaver TM, et al. (2016) Diverse, Biologically Relevant, and Targetable Gene Rearrangements in Triple-Negative Breast Cancer and Other Malignancies. *Cancer research*, 76(16), 4850.

Xu X, et al. (2016) Quantitative Monitoring Spatiotemporal Activation of Ras and PKD1 Using Confocal Fluorescent Microscopy. *Methods in molecular biology* (Clifton, N.J.), 1407, 307.

Burgoyne JR, et al. (2012) Oxidation of HRas cysteine thiols by metabolic stress prevents palmitoylation in vivo and contributes to endothelial cell apoptosis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 26(2), 832.