

Resource Summary Report

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

ER-mRFP

RRID:Addgene_62236

Type: Plasmid

Proper Citation

RRID:Addgene_62236

Plasmid Information

URL: <http://www.addgene.org/62236>

Proper Citation: RRID:Addgene_62236

Insert Name: ER-mRFP

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:16617114](#)

Vector Backbone Description: Backbone Marker:clontech; Backbone Size:4000; Vector Backbone:clontech C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Red localization marker for mammalian endoplasmic reticulum.

Plasmid Name: ER-mRFP

Record Creation Time: 20220422T222356+0000

Record Last Update: 20260815T081751+0000

Ratings and Alerts

No rating or validation information has been found for ER-mRFP.

No alerts have been found for ER-mRFP.

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](#) .

Obara CJ, et al. (2024) Motion of VAPB molecules reveals ER-mitochondria contact site subdomains. *Nature*, 626(7997), 169.

Lim JM, et al. (2023) Methionine sulfoxide reductases and cholesterol transporter STARD3 constitute an efficient system for detoxification of cholesterol hydroperoxides. *The Journal of biological chemistry*, 299(9), 105099.

Nourbakhsh K, et al. (2021) TAOK2 is an ER-localized kinase that catalyzes the dynamic tethering of ER to microtubules. *Developmental cell*, 56(24), 3321.

Yong J, et al. (2019) Mitochondria supply ATP to the ER through a mechanism antagonized by cytosolic Ca²⁺. *eLife*, 8.

Hara S, et al. (2019) Homeostasis of SLC4A11 protein is mediated by endoplasmic reticulum-associated degradation. *Experimental eye research*, 188, 107782.

Lindhout FW, et al. (2019) VAP-SCRN1 interaction regulates dynamic endoplasmic reticulum remodeling and presynaptic function. *The EMBO journal*, 38(20), e101345.