Resource Summary Report

Generated by dkNET on Aug 21, 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 dkNET .

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.