Resource Summary Report

Generated by RRID on Sep 1, 2026

peCALWY-4

RRID:Addgene_22236
Type: Plasmid

Proper Citation

RRID:Addgene_22236

Plasmid Information

URL: http://www.addgene.org/22236

Proper Citation: RRID:Addgene_22236

Insert Name: eCALWY-4 Zn(II) sensor

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:19718032

Vector Backbone Description: Backbone Size:3900; Vector Backbone:pCMV (Clontech); Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: peCALWY-4

Relevant Mutation: C418S mutation linker consists of 9 GGSGGS repeats

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260829T080213+0000

Ratings and Alerts

No rating or validation information has been found for peCALWY-4.

No alerts have been found for peCALWY-4.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Xiao W, et al. (2022) Therapeutic targeting of the USP2-E2F4 axis inhibits autophagic machinery essential for zinc homeostasis in cancer progression. Autophagy, 18(11), 2615.

Wetzler DE, et al. (2018) Conformational plasticity of the intrinsically disordered protein ASR1 modulates its function as a drought stress-responsive gene. PloS one, 13(8), e0202808.

Krapivinsky G, et al. (2014) The TRPM7 chanzyme is cleaved to release a chromatin-modifying kinase. Cell, 157(5), 1061.