

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 31, 2026

tdTomato-ER-3

RRID:Addgene_58097

Type: Plasmid

Proper Citation

RRID:Addgene_58097

Plasmid Information

URL: <http://www.addgene.org/58097>

Proper Citation: RRID:Addgene_58097

Insert Name: ER

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:tdTomato; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 554; Emission = 581

Plasmid Name: tdTomato-ER-3

Relevant Mutation: ER Signal Peptide

Record Creation Time: 20220422T222336+0000

Record Last Update: 20260829T080746+0000

Ratings and Alerts

No rating or validation information has been found for tdTomato-ER-3.

No alerts have been found for tdTomato-ER-3.

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 [PRECISE-TBI](#) .

Campbell EP, et al. (2023) Electrical signals in the ER are cell type and stimulus specific with extreme spatial compartmentalization in neurons. Cell reports, 42(1), 111943.

Chen K, et al. (2021) Excitation spectral microscopy for highly multiplexed fluorescence imaging and quantitative biosensing. Light, science & applications, 10(1), 97.

Ballesteros A, et al. (2018) Structural relationship between the putative hair cell mechanotransduction channel TMC1 and TMEM16 proteins. eLife, 7.