

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

Orf3a-mCherry

RRID:Addgene_165138

Type: Plasmid

Proper Citation

RRID:Addgene_165138

Plasmid Information

URL: <http://www.addgene.org/165138>

Proper Citation: RRID:Addgene_165138

Insert Name: Orf3a

Organism: codon optimized SARS-COV-2

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:33666950](https://pubmed.ncbi.nlm.nih.gov/33666950/)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pmCherryN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.12.19.423586v1> for BioRxiv preprint. bioRxiv 2020.12.19.423586v1

Plasmid Name: Orf3a-mCherry

Record Creation Time: 20220422T221933+0000

Record Last Update: 20260808T081140+0000

Ratings and Alerts

No rating or validation information has been found for Orf3a-mCherry.

No alerts have been found for Orf3a-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Mysorekar I, et al. (2025) ORF3a is a key driver of maternal SARS-CoV-2 infection-associated placental dysfunction. Research square.

Cone AS, et al. (2024) CD81 fusion alters SARS-CoV-2 Spike trafficking. mBio, 15(9), e0192224.