

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

## Orf3a-mCherry

RRID:Addgene\_165138

Type: Plasmid

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### Proper Citation

RRID:Addgene\_165138

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### 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](#)

**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:** 20260815T080928+0000

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### Ratings and Alerts

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

No alerts have been found for Orf3a-mCherry.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

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.