# Resource Summary Report

Generated by RRID on Aug 18, 2026

## mOrange2-Peroxisomes-2

RRID:Addgene_54596
Type: Plasmid

### Proper Citation

RRID:Addgene_54596

### Plasmid Information

**URL:** http://www.addgene.org/54596

**Proper Citation:** RRID:Addgene_54596

**Insert Name:** mOrange2-Peroxisomes

**Bacterial Resistance:** Kanamycin

**Defining Citation:** PMID:20150100

**Vector Backbone Description:** Backbone Size:4750; Vector Backbone:mOrange2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** . Excitation = 549; Emission = 565

**Plasmid Name:** mOrange2-Peroxisomes-2

**Record Creation Time:** 20220422T222319+0000

**Record Last Update:** 20260815T081641+0000

### Ratings and Alerts

No rating or validation information has been found for mOrange2-Peroxisomes-2.

No alerts have been found for mOrange2-Peroxisomes-2.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Rhoads SN, et al. (2025) Neurons and astrocytes have distinct organelle signatures and responses to stress. Cell reports, 44(9), 116280.

Zheng D, et al. (2024) High-content image screening to identify chemical modulators for peroxisome and ferroptosis. Cellular & molecular biology letters, 29(1), 26.

Zimmermann JA, et al. (2024) Functional multi-organelle units control inflammatory lipid metabolism of macrophages. Nature cell biology, 26(8), 1261.

Pearson YE, et al. (2022) A statistical framework for high-content phenotypic profiling using cellular feature distributions. Communications biology, 5(1), 1409.