

# Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

## Tmem98-mCherry

RRID:Addgene\_124505

Type: Plasmid

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### Proper Citation

RRID:Addgene\_124505

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### Plasmid Information

**URL:** <http://www.addgene.org/124505>

**Proper Citation:** RRID:Addgene\_124505

**Insert Name:** Tmem98

**Organism:** Mus musculus

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:31961879](#)

**Vector Backbone Description:** Backbone Size:4500; Vector Backbone:pAC-N2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** The full length Tmem98 coding sequence was initially fused to AC-GFP (Clontech, pAC-GFP-N1 vector). To generate an sGFP2 fusion, the pAC-GFP-Tmem98 construct was cut with BamHI and BsrGI (to release AC-GFP), after which a BamHI-BsrGI sGFP2 fragment was re-inserted. The mCherry tagged variant was generated by exchanging an AgeI/BsrGI sGFP2 fragment for an AgeI/BsrGI mTurquoise fragment. Please visit <https://www.biorxiv.org/content/10.1101/512426v1> for BioRxiv preprint

**Plasmid Name:** Tmem98-mCherry

**Relevant Mutation:** stop codon was removed to allow fusion with sGFP2 at the C-terminus

**Record Creation Time:** 20220422T221653+0000

**Record Last Update:** 20260902T041554+0000

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### Ratings and Alerts

No rating or validation information has been found for Tmem98-mCherry.

No alerts have been found for Tmem98-mCherry.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.