Resource Summary Report

Generated by RRID on Sep 2, 2026

4xmts-mScarlet-I

RRID:Addgene_98818
Type: Plasmid

Proper Citation

RRID:Addgene_98818

Plasmid Information

URL: http://www.addgene.org/98818

Proper Citation: RRID:Addgene_98818

Insert Name: mts

Organism: Synthetic

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit https://www.biorxiv.org/content/early/2017/07/06/160374 for bioRxiv preprint.

Plasmid Name: 4xmts-mScarlet-I

Record Creation Time: 20220422T222631+0000

Record Last Update: 20260902T050543+0000

Ratings and Alerts

No rating or validation information has been found for 4xmts-mScarlet-I.

No alerts have been found for 4xmts-mScarlet-I.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Somiya M, et al. (2026) Computational design of membrane fusion proteins. bioRxiv : the preprint server for biology.

Liu D, et al. (2025) Optineurin-facilitated axonal mitochondria delivery promotes neuroprotection and axon regeneration. Nature communications, 16(1), 1789.

van der Linden FH, et al. (2025) A green lifetime biosensor for calcium that remains bright over its full dynamic range. eLife, 14.

Liu D, et al. (2024) Optineurin-facilitated axonal mitochondria delivery promotes neuroprotection and axon regeneration. bioRxiv : the preprint server for biology.

Agarwal A, et al. (2024) VAMP2 regulates phase separation of ??-synuclein. Nature cell biology, 26(8), 1296.

Read TA, et al. (2024) The actin binding protein profilin 1 localizes inside mitochondria and is critical for their function. EMBO reports, 25(8), 3240.

Read TA, et al. (2023) The actin binding protein profilin 1 is critical for mitochondria function. bioRxiv : the preprint server for biology.

Dou D, et al. (2023) Regulatory imbalance between LRRK2 kinase, PPM1H phosphatase, and ARF6 GTPase disrupts the axonal transport of autophagosomes. Cell reports, 42(5), 112448.