

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

MAC_C_AOX

RRID:Addgene_111661

Type: Plasmid

Proper Citation

RRID:Addgene_111661

Plasmid Information

URL: <http://www.addgene.org/111661>

Proper Citation: RRID:Addgene_111661

Insert Name: AOX

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29568061](#)

Vector Backbone Description: Backbone Marker:Markku Varjosalo, Addgene plasmid #108077; Vector Backbone:MAC-tag-C; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: (Gene Synthesis by GeneArt)

Plasmid Name: MAC_C_AOX

Record Creation Time: 20220422T221544+0000

Record Last Update: 20260725T073511+0000

Ratings and Alerts

No rating or validation information has been found for MAC_C_AOX.

No alerts have been found for MAC_C_AOX.

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 [NIF](#) .

Barnett D, et al. (2025) Mitochondrial complex III-derived ROS amplify immunometabolic changes in astrocytes and promote dementia pathology. *Nature metabolism*, 7(11), 2300.

Barnett D, et al. (2024) Mitochondrial complex III-derived ROS amplify immunometabolic changes in astrocytes and promote dementia pathology. *bioRxiv : the preprint server for biology*.

Roca FJ, et al. (2022) Tumor necrosis factor induces pathogenic mitochondrial ROS in tuberculosis through reverse electron transport. *Science (New York, N.Y.)*, 376(6600), eabh2841.

Mao C, et al. (2021) DHODH-mediated ferroptosis defence is a targetable vulnerability in cancer. *Nature*, 593(7860), 586.