

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pCW57.1_AOX-FLAG

RRID:Addgene_177984

Type: Plasmid

Proper Citation

RRID:Addgene_177984

Plasmid Information

URL: <http://www.addgene.org/177984>

Proper Citation: RRID:Addgene_177984

Insert Name: AOX

Organism: C. albicans (yeast)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34855504](#)

Vector Backbone Description: Vector Backbone:pCW57.1-Luciferase; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pCW57.1_AOX-FLAG

Relevant Mutation: Codon optimized cDNA for expression in human cells

Record Creation Time: 20220422T222026+0000

Record Last Update: 20260815T081113+0000

Ratings and Alerts

No rating or validation information has been found for pCW57.1_AOX-FLAG.

No alerts have been found for pCW57.1_AOX-FLAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. *Molecular cell*, 86(5), 917.

Nguyen TT, et al. (2025) The mevalonate pathway couples lipid metabolism to amino acid synthesis via ubiquinone-dependent redox control. *bioRxiv : the preprint server for biology*.

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. *bioRxiv : the preprint server for biology*.

Kim H, et al. (2025) Nitric oxide promotes cysteine N-degron proteolysis through control of oxygen availability. *Proceedings of the National Academy of Sciences of the United States of America*, 122(34), e2501796122.

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. *Redox biology*, 84, 103649.

Chen B, et al. (2024) BRD4-mediated epigenetic regulation of endoplasmic reticulum-mitochondria contact sites is governed by the mitochondrial complex III. *bioRxiv : the preprint server for biology*.