

Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

FLX1.8MitoKaede

RRID:Addgene_28133

Type: Plasmid

Proper Citation

RRID:Addgene_28133

Plasmid Information

URL: <http://www.addgene.org/28133>

Proper Citation: RRID:Addgene_28133

Insert Name: MitoKaede

Organism: Trachyphyllia geoffroyi

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5652; Vector Backbone:FLX1.8CMV;
Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Addgene provides this plasmid in Stbl3, but the depositing scientist recommends using MDS42recA from www.scarabgenomics.com for further amplification.

Plasmid Name: FLX1.8MitoKaede

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260725T074525+0000

Ratings and Alerts

No rating or validation information has been found for FLX1.8MitoKaede.

No alerts have been found for FLX1.8MitoKaede.

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 [dkNET](#) .

Ross JM, et al. (2024) Mitochondrial Dysfunction and Protein Homeostasis in Aging: Insights from a Premature-Aging Mouse Model. *Biomolecules*, 14(2).

Lucantoni F, et al. (2018) BCL2 and BCL(X)L selective inhibitors decrease mitochondrial ATP production in breast cancer cells and are synthetically lethal when combined with 2-deoxy-D-glucose. *Oncotarget*, 9(40), 26046.

Owens GC, et al. (2015) Photoconvertible fluorescent protein-based live imaging of mitochondrial fusion. *Methods in molecular biology* (Clifton, N.J.), 1313, 237.

Owens GC, et al. (2012) Extensive fusion of mitochondria in spinal cord motor neurons. *PloS one*, 7(6), e38435.