

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pCAG mito-mTagBFP2

RRID:Addgene_105011

Type: Plasmid

Proper Citation

RRID:Addgene_105011

Plasmid Information

URL: <http://www.addgene.org/105011>

Proper Citation: RRID:Addgene_105011

Insert Name: mTagBFP2

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27429220](#)

Vector Backbone Description: Vector Backbone:pCIG2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG mito-mTagBFP2

Record Creation Time: 20220422T221509+0000

Record Last Update: 20260815T080047+0000

Ratings and Alerts

No rating or validation information has been found for pCAG mito-mTagBFP2.

No alerts have been found for pCAG mito-mTagBFP2.

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 [RRID](#) .

Hole KL, et al. (2026) MitoTracker transfers from astrocytes to neurons independently of mitochondria. Cell reports methods, 6(3), 101338.

Moore AS, et al. (2021) Actin cables and comet tails organize mitochondrial networks in mitosis. Nature, 591(7851), 659.

Hertlein V, et al. (2020) MERLIN: a novel BRET-based proximity biosensor for studying mitochondria-ER contact sites. Life science alliance, 3(1).

Gao L, et al. (2019) Mitochondria Are Dynamically Transferring Between Human Neural Cells and Alexander Disease-Associated GFAP Mutations Impair the Astrocytic Transfer. Frontiers in cellular neuroscience, 13, 316.