

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

pcDNA Flag PGC1 T177A S538A

RRID:Addgene_18093

Type: Plasmid

Proper Citation

RRID:Addgene_18093

Plasmid Information

URL: <http://www.addgene.org/18093>

Proper Citation: RRID:Addgene_18093

Insert Name: PGC-1a

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17609368](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA Flag PGC1 T177A S538A

Relevant Mutation: T177A S538A

Record Creation Time: 20220422T222035+0000

Record Last Update: 20260801T080932+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA Flag PGC1 T177A S538A.

No alerts have been found for pcDNA Flag PGC1 T177A S538A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Huang CL, et al. (2018) *Gastrodia elata* alleviates mutant huntingtin aggregation through mitochondrial function and biogenesis mediation. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 39, 75.

Aatsinki SM, et al. (2014) Metformin induces PGC-1 α expression and selectively affects hepatic PGC-1 α functions. *British journal of pharmacology*, 171(9), 2351.

Antico Arciuch VG, et al. (2013) Inhibition of AMPK and Krebs cycle gene expression drives metabolic remodeling of Pten-deficient preneoplastic thyroid cells. *Cancer research*, 73(17), 5459.