

Resource Summary Report

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

pcDNA flag PPAR gamma E499Q

RRID:Addgene_8896

Type: Plasmid

Proper Citation

RRID:Addgene_8896

Plasmid Information

URL: <http://www.addgene.org/8896>

Proper Citation: RRID:Addgene_8896

Insert Name: PPAR gamma

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10748014](#)

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

Plasmid Name: pcDNA flag PPAR gamma E499Q

Relevant Mutation: E499Q, a mutant in the AF2 domain. Binds PPARg ligands with comparable affinity as wild-type, but no ligand-dependent transcriptional activation.

Record Creation Time: 20220422T222606+0000

Record Last Update: 20260815T082153+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA flag PPAR gamma E499Q.

No alerts have been found for pcDNA flag PPAR gamma E499Q.

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 [RRID](#) .

Davidson JW, et al. (2025) Hepatic lipid remodeling in cold exposure uncovers direct regulation of bis(monoacylglycero)phosphate lipids by phospholipase A2 group XV. *Cell metabolism*, 37(6), 1413.

Daniel B, et al. (2018) The Nuclear Receptor PPAR γ Controls Progressive Macrophage Polarization as a Ligand-Insensitive Epigenomic Ratchet of Transcriptional Memory. *Immunity*, 49(4), 615.

Wang X, et al. (2013) PPAR γ maintains ERBB2-positive breast cancer stem cells. *Oncogene*, 32(49), 5512.