

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pBABE puro PPAR gamma 2

RRID:Addgene_8859

Type: Plasmid

Proper Citation

RRID:Addgene_8859

Plasmid Information

URL: <http://www.addgene.org/8859>

Proper Citation: RRID:Addgene_8859

Insert Name: PPAR gamma

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8001151](#)

Vector Backbone Description: Backbone Marker:Available at Addgene (#1764); Backbone Size:5169; Vector Backbone:pBABE puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The PPARg2 cDNA was isolated from the adipocyte lambda ZAPII library derived from pBluescript-PPARg2 plasmid (Tontonoz et al 1994, Genes Dev 8:1224-1234) as an XbaI-XhoI fragment. Blunt end ligation into EcoRI site of pBABE puro.

Plasmid Name: pBABE puro PPAR gamma 2

Record Creation Time: 20220422T222605+0000

Record Last Update: 20260725T075329+0000

Ratings and Alerts

No rating or validation information has been found for pBABE puro PPAR gamma 2.

No alerts have been found for pBABE puro PPAR gamma 2.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Mahapatra S, et al. (2025) Nelfb promotes dermal white adipose tissue formation through RNA polymerase II-mediated adipogenic gene regulation. *Development (Cambridge, England)*, 152(20).

Zhou H, et al. (2024) AGPAT3 deficiency impairs adipocyte differentiation and leads to a lean phenotype in mice. *American journal of physiology. Endocrinology and metabolism*, 327(1), E69.

Dean JM, et al. (2020) MED19 Regulates Adipogenesis and Maintenance of White Adipose Tissue Mass by Mediating PPAR γ -Dependent Gene Expression. *Cell reports*, 33(1), 108228.

Tang J, et al. (2019) Obesity-associated family with sequence similarity 13, member A (FAM13A) is dispensable for adipose development and insulin sensitivity. *International journal of obesity (2005)*, 43(6), 1269.

Singh A, et al. (2019) Arginylation regulates adipogenesis by regulating expression of PPAR γ at transcript and protein level. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1864(4), 596.

Song Z, et al. (2017) Cyclin C regulates adipogenesis by stimulating transcriptional activity of CCAAT/enhancer-binding protein γ . *The Journal of biological chemistry*, 292(21), 8918.

Lei X, et al. (2015) Obesity associated Lyplal1 gene is regulated in diet induced obesity but not required for adipocyte differentiation. *Molecular and cellular endocrinology*, 411, 207.

Ma X, et al. (2014) ISL1 regulates peroxisome proliferator-activated receptor γ activation and early adipogenesis via bone morphogenetic protein 4-dependent and -independent mechanisms. *Molecular and cellular biology*, 34(19), 3607.

Sun L, et al. (2011) Mir193b-365 is essential for brown fat differentiation. *Nature cell biology*, 13(8), 958.