

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pENN.AAV.TBG.PI.ffLuciferase.RBG

RRID:Addgene_105538

Type: Plasmid

Proper Citation

RRID:Addgene_105538

Plasmid Information

URL: <http://www.addgene.org/105538>

Proper Citation: RRID:Addgene_105538

Insert Name: Luciferase

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV, Luciferase; Bacterial Resistance:Ampicillin

Comments: Penn Vector Core number p1302

Plasmid Name: pENN.AAV.TBG.PI.ffLuciferase.RBG

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260808T080342+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.TBG.PI.ffLuciferase.RBG.

No alerts have been found for pENN.AAV.TBG.PI.ffLuciferase.RBG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Teskey G, et al. (2025) Lipid droplet targeting of the lipase coactivator ABHD5 and the fatty liver disease-causing variant PNPLA3 I148M is required to promote liver steatosis. The Journal of biological chemistry, 301(2), 108186.

Teskey G, et al. (2024) Lipid droplet targeting of ABHD5 and PNPLA3 I148M is required to promote liver steatosis. bioRxiv : the preprint server for biology.

Ilacqua N, et al. (2022) A three-organelle complex made by wrappER contacts with peroxisomes and mitochondria responds to liver lipid flux changes. Journal of cell science, 135(5).

Lau-Corona D, et al. (2022) Constitutively Active STAT5b Feminizes Mouse Liver Gene Expression. Endocrinology, 163(5).

Dalton GD, et al. (2021) Hepatocyte activity of the cholesterol sensor smoothened regulates cholesterol and bile acid homeostasis in mice. iScience, 24(9), 103089.

Anastasia I, et al. (2021) Mitochondria-rough-ER contacts in the liver regulate systemic lipid homeostasis. Cell reports, 34(11), 108873.