Resource Summary Report

Generated by RRID on Sep 2, 2026

-5.5kb-UCP1-GFP

RRID:Addgene_104585
Type: Plasmid

Proper Citation

RRID:Addgene_104585

Plasmid Information

URL: http://www.addgene.org/104585

Proper Citation: RRID:Addgene_104585

Insert Name: UCP1 promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:28930673

Vector Backbone Description: Backbone Marker:Origene; Vector Backbone:pCMV6-AC-GFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The CMV promoter driving GFP expression was removed and replaced with the -5.5 kb mouse UCP1 promoter + Kozak Reference sequence for promoter may be found here: http://epd.vital-it.ch/cgi-bin/get_doc?db=mmEpdNew&format=genome&entry=Ucp1_1

Plasmid Name: -5.5kb-UCP1-GFP

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260902T041023+0000

Ratings and Alerts

No rating or validation information has been found for -5.5kb-UCP1-GFP.

No alerts have been found for -5.5kb-UCP1-GFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Baskaran P, et al. (2024) TRPV1 Activation Antagonizes High-Fat Diet-Induced Obesity at Thermoneutrality and Enhances UCP-1 Transcription via PRDM-16. Pharmaceuticals (Basel, Switzerland), 17(8).

Ma J, et al. (2023) Cold-inducible lncRNA266 promotes browning and the thermogenic program in white adipose tissue. EMBO reports, 24(12), e55467.