Resource Summary Report

Generated by RRID on Aug 27, 2026

iCAP-ROOT

RRID:Addgene_192262
Type: Plasmid

Proper Citation

RRID:Addgene_192262

Plasmid Information

URL: http://www.addgene.org/192262

Proper Citation: RRID:Addgene_192262

Insert Name: Synthetic construct for ROOT VP1 gene

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:36045288

Vector Backbone Description: Vector Backbone:pUC57-mini; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Please note that the rep-cap construct is generated based on tTA-TRE amplification vector from Gradinaru lab (Addgene #103006; PubMed 28671695).

Plasmid Name: iCAP-ROOT

Record Creation Time: 20221210T080416+0000

Record Last Update: 20260815T082430+0000

Ratings and Alerts

No rating or validation information has been found for iCAP-ROOT.

No alerts have been found for iCAP-ROOT.

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 .

Radukic MT, et al. (2026) Engineering of High-Yield Recombinant Adeno-Associated Virus Producer Plasmids. Biotechnology journal, 21(1), e70179.

Wang Y, et al. (2025) A key role of PIEZO2 mechanosensitive ion channel in adipose sensory innervation. Cell metabolism, 37(4), 1001.

Dumont KD, et al. (2025) Sensory-neuron-derived CGRP?? controls white adipocyte differentiation and tissue plasticity. Cell reports, 44(12), 116613.