

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pGAL4-CREB S133A

RRID:Addgene_15222

Type: Plasmid

Proper Citation

RRID:Addgene_15222

Plasmid Information

URL: <http://www.addgene.org/15222>

Proper Citation: RRID:Addgene_15222

Insert Name: CREB S133A

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16125054](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3500; Vector Backbone:pM; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Wild-type CREB S133A fused to the DNA binding domain of Gal4. The plasmids were generated by cloning the CREB S133A as an XhoI/XbaI fragment into the Sall/XbaI sites of pM.

Plasmid Name: pGAL4-CREB S133A

Relevant Mutation: Serine 133 mutated to Alanine

Record Creation Time: 20220422T221833+0000

Record Last Update: 20260815T080724+0000

Ratings and Alerts

No rating or validation information has been found for pGAL4-CREB S133A.

No alerts have been found for pGAL4-CREB S133A.

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](#) .

Zhou X, et al. (2020) Up-regulation of astrocyte excitatory amino acid transporter 2 alleviates central sensitization in a rat model of chronic migraine. Journal of neurochemistry, 155(4), 370.

Park BY, et al. (2018) PDK4 Deficiency Suppresses Hepatic Glucagon Signaling by Decreasing cAMP Levels. Diabetes, 67(10), 2054.