

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

AAV-mCREB

RRID:Addgene_68551

Type: Plasmid

Proper Citation

RRID:Addgene_68551

Plasmid Information

URL: <http://www.addgene.org/68551>

Proper Citation: RRID:Addgene_68551

Insert Name: mCREB

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21035786](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4650; Vector Backbone:pAAV-MCS; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: AAV-mCREB

Relevant Mutation: S133A

Record Creation Time: 20220422T222426+0000

Record Last Update: 20260829T080917+0000

Ratings and Alerts

No rating or validation information has been found for AAV-mCREB.

No alerts have been found for AAV-mCREB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Durand-de Cuttoli R, et al. (2022) Distinct forms of regret linked to resilience versus susceptibility to stress are regulated by region-specific CREB function in mice. Science advances, 8(42), eadd5579.

Rao-Ruiz P, et al. (2019) Engram-specific transcriptome profiling of contextual memory consolidation. Nature communications, 10(1), 2232.

Matos MR, et al. (2019) Memory strength gates the involvement of a CREB-dependent cortical fear engram in remote memory. Nature communications, 10(1), 2315.

Landeira BS, et al. (2018) Activity-Independent Effects of CREB on Neuronal Survival and Differentiation during Mouse Cerebral Cortex Development. Cerebral cortex (New York, N.Y. : 1991), 28(2), 538.