

Resource Summary Report

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

Rat Alpha2 delta-1 pMT2

RRID:Addgene_58726

Type: Plasmid

Proper Citation

RRID:Addgene_58726

Plasmid Information

URL: <http://www.addgene.org/58726>

Proper Citation: RRID:Addgene_58726

Insert Name: alpha2 delta-1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20080692](#)

Vector Backbone Description: Backbone Size:5100; Vector Backbone:pMT2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Rat Alpha2 delta-1 pMT2

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081718+0000

Ratings and Alerts

No rating or validation information has been found for Rat Alpha2 delta-1 pMT2.

No alerts have been found for Rat Alpha2 delta-1 pMT2.

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 [RRID](#) .

Gauberg J, et al. (2021) Functional Studies of *Trichoplax adhaerens* Voltage-Gated Calcium Channel Activity. *Methods in molecular biology* (Clifton, N.J.), 2219, 277.

Ye Y, et al. (2020) The TCF7L2-dependent high-voltage activated calcium channel subunit α_1 -1 controls calcium signaling in rodent pancreatic beta-cells. *Molecular and cellular endocrinology*, 502, 110673.

Meyer JO, et al. (2019) Disruption of the Key Ca^{2+} Binding Site in the Selectivity Filter of Neuronal Voltage-Gated Calcium Channels Inhibits Channel Trafficking. *Cell reports*, 29(1), 22.

Hristov K, et al. (2018) Expression of voltage-gated calcium channels augments cell susceptibility to membrane disruption by nanosecond pulsed electric field. *Biochimica et biophysica acta. Biomembranes*, 1860(11), 2175.