

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Cplx2^{tm1Rmnd}/Cplx2^{tm1Rmnd}](#); [Cplx1^{tm1Rmnd}/Cplx1^{tm1Rmnd}](#)

RRID:MGI:2679648

Type: Organism

Proper Citation

RRID:MGI:2679648

Organism Information

URL:

Proper Citation: RRID:MGI:2679648

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: impaired synaptic plasticity, abnormal CNS synaptic transmission, abnormal pre-Botzinger complex physiology, abnormal inhibitory postsynaptic currents, abnormal miniature excitatory postsynaptic currents, neonatal lethality, complete penetrance, abnormal neuron physiology, abnormal neurotransmitter secretion, neonatal lethality, complete penetrance, abnormal excitatory postsynaptic currents

Affected Gene: Cplx1, Cplx2

Genomic Alteration: tm1Rmnd

Catalog Number: 2679648

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11163241](#), [PMID:18505837](#)

Organism Name: Cplx2^{tm1Rmnd}/Cplx2^{tm1Rmnd}; Cplx1^{tm1Rmnd}/Cplx1^{tm1Rmnd}

Record Creation Time: 20240120T190720+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for Cplx2^{tm1Rmnd}/Cplx2^{tm1Rmnd}; Cplx1^{tm1Rmnd}/Cplx1^{tm1Rmnd}.

No alerts have been found for Cplx2^{tm1Rmnd}/Cplx2^{tm1Rmnd}; Cplx1^{tm1Rmnd}/Cplx1^{tm1Rmnd}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.