

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

[Emx1^{tm1\(cre\)Krl}; Kcnq2^{tm1.1Avtz}/Kcnq2^{tm1.1Avtz}](#)

RRID:MGI:5607737

Type: Organism

Proper Citation

RRID:MGI:5607737

Organism Information

URL:

Proper Citation: RRID:MGI:5607737

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

Species: Mus musculus

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

Phenotype: abnormal nervous system electrophysiology, postnatal lethality, incomplete penetrance, premature death, tonic-clonic seizures, abnormal brain wave pattern, abnormal hippocampus morphology, abnormal action potential, abnormal afterhyperpolarization

Affected Gene: Emx1, Kcnq2

Genomic Alteration: tm1(cre)Krl, tm1.1Avtz

Catalog Number: 5607737

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24719109](#)

Organism Name: Emx1^{tm1(cre)Krl}; Kcnq2^{tm1.1Avtz}/Kcnq2^{tm1.1Avtz}

Record Creation Time: 20240120T190037+0000

Record Last Update: 20240130T201700+0000

Ratings and Alerts

No rating or validation information has been found for Emx1^{tm1(cre)Kvj}; Kcnq2^{tm1.1Avtz}/Kcnq2^{tm1.1Avtz}.

No alerts have been found for Emx1^{tm1(cre)Kvj}; Kcnq2^{tm1.1Avtz}/Kcnq2^{tm1.1Avtz}.

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.