

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

B6.Cg-Tg(dlx5a-cre)1Mekk/Cnrm

RRID:IMSR_EM:04892

Type: Organism

Proper Citation

RRID:IMSR_EM:04892

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=4892>

Proper Citation: RRID:IMSR_EM:04892

Description: Mus musculus with name B6.Cg-Tg(dlx5a-cre)1Mekk/Cnrm from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(dlx6a-cre)1Mekk/Cnrm. B6.FVB-Tg(dlx6a-cre)1Mekk/Cnrm. Dlx5/6-cre

Notes: gene symbol note: transgene insertion 1; Marc Ekker; mutant strain: Tg(dlx5a-cre)1Mekk

Affected Gene: transgene insertion 1; Marc Ekker

Genomic Alteration: transgene insertion 1; Marc Ekker

Catalog Number: EM:04892

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.Cg-Tg(dlx5a-cre)1Mekk/Cnrm

Record Creation Time: 20250513T062224+0000

Record Last Update: 20260912T065140+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(dlx5a-cre)1Mekk/Cnrm.

No alerts have been found for B6.Cg-Tg(dlx5a-cre)1Mekk/Cnrm.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Cao X, et al. (2026) Cadherin 11 regulates presynaptic vesicle trafficking and neuronal activity in autism-related brain circuit. *Molecular psychiatry*, 31(1), 192.

Ocana-Santero G, et al. (2025) Perinatal serotonin signalling dynamically influences the development of cortical GABAergic circuits with consequences for lifelong sensory encoding. *Nature communications*, 16(1), 5203.

Garg V, et al. (2025) Mature interneuron subtypes arise from distinct spatial and temporal subdomains within the caudal ganglionic eminence. *bioRxiv : the preprint server for biology*.

Choi K, et al. (2025) Control of striatal circuit development by the chromatin regulator Zswim6. *Science advances*, 11(3), eadq6663.

P??pplau JA, et al. (2024) Reorganization of adolescent prefrontal cortex circuitry is required for mouse cognitive maturation. *Neuron*, 112(3), 421.

Wu SJ, et al. (2024) Pyramidal neurons proportionately alter the identity and survival of specific cortical interneuron subtypes. *bioRxiv : the preprint server for biology*.

Robinson K, et al. (2024) Mapping proteomic composition of excitatory postsynaptic sites in the cerebellar cortex. *Frontiers in molecular neuroscience*, 17, 1381534.

Rhodes CT, et al. (2024) Loss of Ezh2 in the medial ganglionic eminence alters interneuron fate, cell morphology and gene expression profiles. *Frontiers in cellular neuroscience*, 18, 1334244.

Costas-Insua C, et al. (2024) The CB1 receptor interacts with cereblon and drives cereblon deficiency-associated memory shortfalls. *EMBO molecular medicine*, 16(4), 755.

Wu SJ, et al. (2024) Pyramidal neurons proportionately alter the identity and survival of specific cortical interneuron subtypes. *Research square*.

Nguyen QH, et al. (2024) Regulation of neuronal fate specification and connectivity of the thalamic reticular nucleus by the Ascl1-Isl1 transcriptional cascade. *Cellular and molecular*

life sciences : CMLS, 81(1), 478.