

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 19, 2025

C57BL/6J-Tg(Emx1-cre)1Ito/ItoRbrc

RRID:IMSR_RBRC01342

Type: Organism

Proper Citation

RRID:IMSR_RBRC01342

Organism Information

URL: <https://brc.riken.jp/mus/RBRC01342>

Proper Citation: RRID:IMSR_RBRC01342

Description: Mus musculus with name C57BL/6J-Tg(Emx1-cre)1Ito/ItoRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 1; Shigeyoshi Itohara|empty spiracles homeobox 1; coisogenic strain|mutant strain: |Tg(Emx1-cre)1Ito|Emx1

Affected Gene: |transgene insertion 1; Shigeyoshi Itohara|empty spiracles homeobox 1

Genomic Alteration: |transgene insertion 1; Shigeyoshi Itohara|empty spiracles homolog 1 (Drosophila)

Catalog Number: RBRC01342

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(Emx1-cre)1Ito/ItoRbrc

Record Creation Time: 20250513T061436+0000

Record Last Update: 20250517T110042+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Emx1-cre)¹Ito/ItoRbrc.

No alerts have been found for C57BL/6J-Tg(Emx1-cre)¹Ito/ItoRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Buth JE, et al. (2024) Foxp1 suppresses cortical angiogenesis and attenuates HIF-1alpha signaling to promote neural progenitor cell maintenance. EMBO reports, 25(5), 2202.

Kuijpers M, et al. (2021) Neuronal Autophagy Regulates Presynaptic Neurotransmission by Controlling the Axonal Endoplasmic Reticulum. Neuron, 109(2), 299.