Resource Summary Report

Generated by T1D on Sep 20, 2026

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

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

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

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: 20260919T063155+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 T1D .

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.