

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

B6.Cg-Emx2^{tm2}(cre)Sia/SiaRbrc

RRID:IMSR_RBRC02272

Type: Organism

Proper Citation

RRID:IMSR_RBRC02272

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02272>

Proper Citation: RRID:IMSR_RBRC02272

Description: Mus musculus with name B6.Cg-Emx2^{tm2}(cre)Sia/SiaRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: empty spiracles homeobox 2; mutant stock: Emx2

Affected Gene: empty spiracles homeobox 2

Genomic Alteration: targeted mutation 2; Shinichi Aizawa

Catalog Number: RBRC02272

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Emx2^{tm2}(cre)Sia/SiaRbrc

Record Creation Time: 20250513T061443+0000

Record Last Update: 20260912T064301+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Emx2^{tm2}(cre)Sia/SiaRbrc.

No alerts have been found for B6.Cg-Emx2^{tm2}(cre)Sia/SiaRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Qin T, et al. (2024) Ptch1 is essential for cochlear marginal cell differentiation and stria vascularis formation. Cell reports, 43(4), 114083.

Ji YR, et al. (2022) Function of bidirectional sensitivity in the otolith organs established by transcription factor Emx2. Nature communications, 13(1), 6330.

Jiang T, et al. (2017) Transcription factor Emx2 controls stereociliary bundle orientation of sensory hair cells. eLife, 6.