

Resource Summary Report

Generated by T1D on Sep 19, 2026

B6.Cg-Tecta^{em1(icre)}Dbe/J

RRID:IMSR_JAX:035552

Type: Organism

Proper Citation

RRID:IMSR_JAX:035552

Organism Information

URL: <https://www.jax.org/strain/035552>

Proper Citation: RRID:IMSR_JAX:035552

Description: Mus musculus with name B6.Cg-Tecta^{em1(icre)}Dbe/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tectorin alpha; mutant strain|congenic strain: Tecta

Affected Gene: tectorin alpha

Genomic Alteration: endonuclease-mediated mutation 1; Dwight E Bergles

Catalog Number: JAX:035552

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tecta^{em1(icre)}Dbe/J

Record Creation Time: 20250513T053849+0000

Record Last Update: 20260919T055032+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tecta^{em1(icre)}Dbe/J.

No alerts have been found for B6.Cg-Tecta^{em1(icre)}Dbe/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Kersbergen CJ, et al. (2023) Preservation of developmental spontaneous activity enables early auditory system maturation in deaf mice. PLoS biology, 21(6), e3002160.

Kersbergen CJ, et al. (2022) Developmental spontaneous activity promotes formation of sensory domains, frequency tuning and proper gain in central auditory circuits. Cell reports, 41(7), 111649.