

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

129(Cg)-Foxg1^{tm1(cre)}Sk^m/J

RRID:IMSR_JAX:004337

Type: Organism

Proper Citation

RRID:IMSR_JAX:004337

Organism Information

URL: <https://www.jax.org/strain/004337>

Proper Citation: RRID:IMSR_JAX:004337

Description: Mus musculus with name 129(Cg)-Foxg1^{tm1(cre)}Sk^m/J from IMSR.

Species: Mus musculus

Synonyms: STOCK-Foxg1. STOCK Foxg1. 129.Cg-Foxg1/J

Notes: gene symbol note: forkhead box G1|; mutant strain|congenic strain: Foxg1|

Affected Gene: forkhead box G1|

Genomic Alteration: targeted mutation 1; Susan K McConnell

Catalog Number: JAX:004337

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129(Cg)-Foxg1^{tm1(cre)}Sk^m/J

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260829T044934+0000

Ratings and Alerts

No rating or validation information has been found for 129(Cg)-Foxg1^{tm1(cre)}Sk^m/J.

No alerts have been found for 129(Cg)-Foxg1^{tm1(cre)}Sk^m/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Rowland ME, et al. (2023) Systemic and intrinsic functions of ATRX in glial cell fate and CNS myelination in male mice. Nature communications, 14(1), 7090.

Abrams SR, et al. (2021) Ciliary Hedgehog signaling regulates cell survival to build the facial midline. eLife, 10.

Moon KH, et al. (2020) Dysregulation of sonic hedgehog signaling causes hearing loss in ciliopathy mouse models. eLife, 9.

Ono K, et al. (2020) Retinoic acid synthesis and autoregulation mediate zonal patterning of vestibular organs and inner ear morphogenesis. Development (Cambridge, England), 147(15).

Yang LM, et al. (2019) Sox2 and FGF20 interact to regulate organ of Corti hair cell and supporting cell development in a spatially-graded manner. PLoS genetics, 15(7), e1008254.

Ma S, et al. (2017) A Brain-Region-Specific Neural Pathway Regulating Germinal Matrix Angiogenesis. Developmental cell, 41(4), 366.

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

Makinson CD, et al. (2017) Regulation of Thalamic and Cortical Network Synchrony by Scn8a. Neuron, 93(5), 1165.

Lu Q, et al. (2017) Immunohistochemical Procedures for Characterizing the Retinal Expression Patterns of Cre Driver Mouse Lines. Methods in molecular biology (Clifton, N.J.), 1642, 181.

Cox BC, et al. (2012) Conditional gene expression in the mouse inner ear using Cre-loxP. Journal of the Association for Research in Otolaryngology : JARO, 13(3), 295.