

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

STOCK Grhl3^{tm1}(cre)Cgh/Mmucd

RRID:MMRRC_032799-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032799-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32799

Proper Citation: RRID:MMRRC_032799-UCD

Description: Mus musculus with name STOCK Grhl3^{tm1}(cre)Cgh/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Dermatology, Developmental Biology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal brain development [MP:0000913]| exencephaly [MP:0000914]| abnormal embryo development [MP:0001672]| abnormal embryo turning [MP:0001700]| abnormal neural tube morphology [MP:0002151]| spina bifida [MP:0003054]| abnormal neural tube closure [MP:0003720]| embryonic lethality during organogenesis [MP:0011098]

Affected Gene: creGrhl3

Catalog Number: 032799-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20152175](#)

Alternate IDs: MMRRC_32799-UCD, MMRRC_032799, MMRRC_32799

Organism Name: STOCK Grhl3^{tm1}(cre)Cgh/Mmucd

Record Creation Time: 20230308T055130+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Grhl3^{tm1(cre)}Cgh/Mmucd.

No alerts have been found for STOCK Grhl3^{tm1(cre)}Cgh/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Perez-Verdugo F, et al. (2026) Mechanosensitive feedback organizes cell shape and motion during hindbrain neuropore morphogenesis. Current biology : CB, 36(8), 1903.

Zhou CJ, et al. (2020) Non-neural surface ectodermal rosette formation and F-actin dynamics drive mammalian neural tube closure. Biochemical and biophysical research communications, 526(3), 647.

Kashgari G, et al. (2020) Epithelial Migration and Non-adhesive Periderm Are Required for Digit Separation during Mammalian Development. Developmental cell, 52(6), 764.

Gordon WM, et al. (2014) A GRHL3-regulated repair pathway suppresses immune-mediated epidermal hyperplasia. The Journal of clinical investigation, 124(12), 5205.