

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

STOCK *Ildr1*^{Gt(D178D03)}Wrst/RaliMmjax

RRID:MMRRC_068066-JAX

Type: Organism

Proper Citation

RRID:MMRRC_068066-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=68066

Proper Citation: RRID:MMRRC_068066-JAX

Description: Mus musculus with name STOCK *Ildr1*^{Gt(D178D03)}Wrst/RaliMmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Diabetes, Metabolism, Models for Human Disease, Obesity; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal inner ear morphology [MP:0000026] abnormal organ of Corti morphology [MP:0000042] abnormal intestinal epithelium morphology [MP:0000488] deafness [MP:0001967] abnormal cochlear hair cell morphology [MP:0002622] abnormal endocochlear potential [MP:0002630] cochlear inner hair cell degeneration [MP:0004398] cochlear outer hair cell degeneration [MP:0004404] abnormal outer hair cell stereociliary bundle morphology [MP:0004527] absent distortion product otoacoustic emissions [MP:0004737] abnormal circulating hormone level [MP:0005418] increased or absent threshold for auditory brainstem response [MP:0011967]

Affected Gene: *Ildr1*

Catalog Number: 068066-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:23863714](#)

Alternate IDs: MMRRC_68066-JAX, MMRRC_068066, MMRRC_6866

Organism Name: STOCK *Ildr1^{Gt(D178D03)Wrst}*/RaliMmjax

Record Creation Time: 20230308T055515+0000

Record Last Update: 20260801T125424+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Ildr1^{Gt(D178D03)Wrst}*/RaliMmjax.

No alerts have been found for STOCK *Ildr1^{Gt(D178D03)Wrst}*/RaliMmjax.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chandra R, et al. (2022) *Ildr1* gene deletion protects against diet-induced obesity and hyperglycemia. PloS one, 17(6), e0270329.