

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

FVB.129X1(Cg)-Kcnj1^{tm1Ges}/Mmmh

RRID:MMRRC_015869-MU

Type: Organism

Proper Citation

RRID:MMRRC_015869-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15869

Proper Citation: RRID:MMRRC_015869-MU

Description: Mus musculus with name FVB.129X1(Cg)-Kcnj1^{tm1Ges}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Internal/Organ, Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

Phenotype: hydronephrosis [MP:0000519]| wrinkled skin [MP:0001211]| polydipsia [MP:0001426]| dehydration [MP:0001429]| postnatal growth retardation [MP:0001732]| polyuria [MP:0001762]| increased hematocrit [MP:0002608]| decreased systemic arterial blood pressure [MP:0002843]| decreased urine osmolality [MP:0002988]| decreased skin turgor [MP:0003653]| decreased renal glomerular filtration rate [MP:0005528]| increased circulating sodium level [MP:0005633]| abnormal urine homeostasis [MP:0009643]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011296]| decreased tubuloglomerular feedback response [MP:0012551]

Affected Gene: Kcnj1

Catalog Number: 015869-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12122007](#)

Alternate IDs: MMRRC_15869-MU, MMRRC_015869, MMRRC_15869

Organism Name: FVB.129X1(Cg)-*Kcnj1*^{tm1Ges}/Mmmh

Record Creation Time: 20230308T054938+0000

Record Last Update: 20260801T123727+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129X1(Cg)-*Kcnj1*^{tm1Ges}/Mmmh.

No alerts have been found for FVB.129X1(Cg)-*Kcnj1*^{tm1Ges}/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.