

# Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

## **B6J.129X1-Slc5a3<sup>tm1Gtb</sup>/Mmjax**

RRID:MMRRC\_066991-JAX

Type: Organism

### Proper Citation

RRID:MMRRC\_066991-JAX

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=66991](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=66991)

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**Description:** Mus musculus with name B6J.129X1-Slc5a3<sup>tm1Gtb</sup>/Mmjax from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Developmental Biology, Metabolism, Neurobiology, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** cyanosis [MP:0001575]| abnormal homeostasis [MP:0001764]| respiratory distress [MP:0001954]| apnea [MP:0001957]| abnormal nervous system electrophysiology [MP:0002272]| hypoventilation [MP:0002321]| neonatal lethality [MP:0011087]| complete penetrance [MP:0012172]

**Affected Gene:** Slc5a3

**Catalog Number:** 066991-JAX

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:12582158](#), [PMID:18675571](#)

**Alternate IDs:** MMRRC\_66991-JAX, MMRRC\_066991, MMRRC\_66991

**Organism Name:** B6J.129X1-Slc5a3<sup>tm1Gtb</sup>/Mmjax

**Record Creation Time:** 20230308T055511+0000

**Record Last Update:** 20260725T164816+0000

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## Ratings and Alerts

No rating or validation information has been found for B6J.129X1-*Slc5a3*<sup>tm1Gtb</sup>/Mmjax.

No alerts have been found for B6J.129X1-*Slc5a3*<sup>tm1Gtb</sup>/Mmjax.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.