

# Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

## FVB.Cg-Slc9a1<sup>tm1Smb</sup>/Mmjax

RRID:MMRRC\_034264-JAX

Type: Organism

### Proper Citation

RRID:MMRRC\_034264-JAX

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=34264](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34264)

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**Description:** Mus musculus with name FVB.Cg-Slc9a1<sup>tm1Smb</sup>/Mmjax from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cardiovascular, Internal/Organ, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** abnormal stomach glandular epithelium morphology [MP:0000473]| decreased salivation [MP:0000623]| convulsive seizures [MP:0000947]| thin skin [MP:0001199]| abnormal epidermis stratum corneum morphology [MP:0001240]| decreased body weight [MP:0001262]| ataxia [MP:0001393]| decreased exploration in new environment [MP:0001417]| poor grooming [MP:0001443]| abnormal fertility/fecundity [MP:0002161]| decreased heart weight [MP:0002834]| decreased response of heart to induced stress [MP:0004486]| lethality at weaning [MP:0011084]| incomplete penetrance [MP:0013532]

**Affected Gene:** Slc9a1

**Catalog Number:** 034264-JAX

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:10199808](#)

**Alternate IDs:** MMRRC\_34264-JAX, MMRRC\_034264, MMRRC\_34264

**Organism Name:** FVB.Cg-*Slc9a1*<sup>tm1Smb</sup>/Mmjax

**Record Creation Time:** 20230308T055132+0000

**Record Last Update:** 20260808T124042+0000

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## Ratings and Alerts

No rating or validation information has been found for FVB.Cg-*Slc9a1*<sup>tm1Smb</sup>/Mmjax.

No alerts have been found for FVB.Cg-*Slc9a1*<sup>tm1Smb</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.