

Resource Summary Report

Generated by T1D on Sep 20, 2026

STOCK Slc34a1^{tm1(EGFP/cre/ERT2)}Bhum/J

RRID:IMSR_JAX:032285

Type: Organism

Proper Citation

RRID:IMSR_JAX:032285

Organism Information

URL: <https://www.jax.org/strain/032285>

Proper Citation: RRID:IMSR_JAX:032285

Description: Mus musculus with name STOCK Slc34a1^{tm1(EGFP/cre/ERT2)}Bhum/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 34 (sodium phosphate); member 1; mutant stock: Slc34a1

Affected Gene: solute carrier family 34 (sodium phosphate); member 1

Genomic Alteration: targeted mutation 1; Benjamin Humphreys

Catalog Number: JAX:032285

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Slc34a1^{tm1(EGFP/cre/ERT2)}Bhum/J

Record Creation Time: 20250513T053827+0000

Record Last Update: 20260919T055011+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Slc34a1^{tm1(EGFP/cre/ERT2)Bhum/J}.

No alerts have been found for STOCK Slc34a1^{tm1(EGFP/cre/ERT2)Bhum/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Masztalerz A, et al. (2026) Clusterin marks maladaptive regenerative responses throughout the kidney following ischemia-reperfusion injury. *iScience*, 29(6), 116077.

Feola K, et al. (2026) Dynamic and differential renal cortical cell-specific mitochondrial metabolism in response to fasting. *American journal of physiology. Renal physiology*, 330(2), F210.

Feola K, et al. (2025) Measuring renal cortical cell-specific mitochondrial metabolism. *bioRxiv* : the preprint server for biology.