

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

C57BL/6-Slc6a5^{tm1.1}(cre)Ksak

RRID:IMSR_RBRC10109

Type: Organism

Proper Citation

RRID:IMSR_RBRC10109

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10109>

Proper Citation: RRID:IMSR_RBRC10109

Description: Mus musculus with name C57BL/6-Slc6a5^{tm1.1}(cre)Ksak from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 6 (neurotransmitter transporter; glycine); member 5; mutant strain: Slc6a5

Affected Gene: solute carrier family 6 (neurotransmitter transporter; glycine); member 5

Genomic Alteration: targeted mutation 1.1; Kenji Sakimura

Catalog Number: RBRC10109

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Slc6a5^{tm1.1}(cre)Ksak

Record Creation Time: 20250513T061519+0000

Record Last Update: 20260815T054844+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Slc6a5^{tm1.1}(cre)Ksak.

No alerts have been found for C57BL/6-Slc6a5^{tm1.1}(cre)Ksak.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Brown ST, et al. (2025) High-speed voltage imaging of action potentials in molecular layer interneurons reveals sensory-driven synchrony that augments movement. Cell reports, 44(8), 116148.