Resource Summary Report

Generated by Kravitz on Sep 15, 2026

C57BL/6NTac-Slc20a2$^{tm1a(EUCOMM)Wtsi}$/Ieg

RRID:IMSR_EM:05549
Type: Organism

Proper Citation

RRID:IMSR_EM:05549

Organism Information

URL: https://www.infrafrontier.eu/emma/strain-details/?q=5549

Proper Citation: RRID:IMSR_EM:05549

Description: Mus musculus with name C57BL/6NTac-Slc20a2$^{tm1a(EUCOMM)Wtsi}$/Ieg from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 20; member 2; mutant strain: Slc20a2

Affected Gene: solute carrier family 20; member 2

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:05549

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: C57BL/6NTac-Slc20a2$^{tm1a(EUCOMM)Wtsi}$/Ieg

Record Creation Time: 20250513T062228+0000

Record Last Update: 20260912T065144+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NTac-Slc20a2 $^{tm1a(EUCOMM)Wtsi}$/Ieg.

No alerts have been found for C57BL/6NTac-Slc20a2$^{tm1a(EUCOMM)Wtsi}$/Ieg.

Data and Source Information

Source: Integrated Animals

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Pierre-Ferrer S, et al. (2024) A phosphate transporter in VIPergic neurons of the suprachiasmatic nucleus gates locomotor activity during the light/dark transition in mice. Cell reports, 43(5), 114220.

Larsen FT, et al. (2017) Primary Brain Calcification Causal PiT2 Transport-Knockout Variants can Exert Dominant Negative Effects on Wild-Type PiT2 Transport Function in Mammalian Cells. Journal of molecular neuroscience : MN, 61(2), 215.

Ma XX, et al. (2017) PiT2 regulates neuronal outgrowth through interaction with microtubule-associated protein 1B. Scientific reports, 7(1), 17850.

Jensen N, et al. (2016) Slc20a2 is critical for maintaining a physiologic inorganic phosphate level in cerebrospinal fluid. Neurogenetics, 17(2), 125.

Jensen N, et al. (2013) Loss of function of Slc20a2 associated with familial idiopathic Basal Ganglia calcification in humans causes brain calcifications in mice. Journal of molecular neuroscience : MN, 51(3), 994.