

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

B6EiC3Sn a/A-Otc^{spf-ash}/J

RRID:IMSR_JAX:001811

Type: Organism

Proper Citation

RRID:IMSR_JAX:001811

Organism Information

URL: <https://www.jax.org/strain/001811>

Proper Citation: RRID:IMSR_JAX:001811

Description: Mus musculus with name B6EiC3Sn a/A-Otc^{spf-ash}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: ornithine transcarbamylase|nonagouti; mutant strain|mutant stock: Otc|a

Affected Gene: ornithine transcarbamylase|nonagouti

Genomic Alteration: abnormal skin and hair|nonagouti|wild-type agouti

Catalog Number: JAX:001811

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6EiC3Sn a/A-Otc^{spf-ash}/J

Record Creation Time: 20250513T053627+0000

Record Last Update: 20260919T054816+0000

Ratings and Alerts

No rating or validation information has been found for B6EiC3Sn a/A-Otc^{spf-ash}/J.

No alerts have been found for B6EiC3Sn a/A-Otc^{spf-ash}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Mao X, et al. (2022) Glutaminase 2 knockdown reduces hyperammonemia and associated lethality of urea cycle disorder mouse model. *Journal of inherited metabolic disease*, 45(3), 470.

Santamaria R, et al. (2022) Derivation of healthy hepatocyte-like cells from a female patient with ornithine transcarbamylase deficiency through X-inactivation selection. *Scientific reports*, 12(1), 2308.

Imoto K, et al. (2022) Corticosteroid suppresses urea-cycle-related gene expressions in ornithine transcarbamylase deficiency. *BMC gastroenterology*, 22(1), 144.

Soria LR, et al. (2021) Beclin-1-mediated activation of autophagy improves proximal and distal urea cycle disorders. *EMBO molecular medicine*, 13(2), e13158.

De Sabbata G, et al. (2021) Long-term correction of ornithine transcarbamylase deficiency in Spf-Ash mice with a translationally optimized AAV vector. *Molecular therapy. Methods & clinical development*, 20, 169.

Katrekar D, et al. (2019) In vivo RNA editing of point mutations via RNA-guided adenosine deaminases. *Nature methods*, 16(3), 239.

McGuire PJ, et al. (2014) Acute metabolic decompensation due to influenza in a mouse model of ornithine transcarbamylase deficiency. *Disease models & mechanisms*, 7(2), 205.