

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

C57BL/KaLawRij-Sharpin^{cpdm}/RijSunJ

RRID:IMSR_JAX:007599

Type: Organism

Proper Citation

RRID:IMSR_JAX:007599

Organism Information

URL: <https://www.jax.org/strain/007599>

Proper Citation: RRID:IMSR_JAX:007599

Description: Mus musculus with name C57BL/KaLawRij-Sharpin^{cpdm}/RijSunJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: SHANK-associated RH domain interacting protein; coisogenic strain|mutant strain: Sharpin

Affected Gene: SHANK-associated RH domain interacting protein

Genomic Alteration: chronic proliferative dermatitis

Catalog Number: JAX:007599

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/KaLawRij-Sharpin^{cpdm}/RijSunJ

Record Creation Time: 20250513T053702+0000

Record Last Update: 20260808T050907+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/KaLawRij-Sharpin^{cpdm}/RijSunJ.

No alerts have been found for C57BL/KaLawRij-Sharpin^{cpdm}/RijSunJ.

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 [SPARC SAWG](#) .

Chun N, et al. (2021) T cell-derived tumor necrosis factor induces cytotoxicity by activating RIPK1-dependent target cell death. JCI insight, 6(24).

Sundberg JP, et al. (2020) Keratinocyte-specific deletion of SHARPIN induces atopic dermatitis-like inflammation in mice. PloS one, 15(7), e0235295.

Peuhu E, et al. (2017) Integrin beta 1 inhibition alleviates the chronic hyperproliferative dermatitis phenotype of SHARPIN-deficient mice. PloS one, 12(10), e0186628.

Zinngrebe J, et al. (2016) --LUBAC deficiency perturbs TLR3 signaling to cause immunodeficiency and autoinflammation. The Journal of experimental medicine, 213(12), 2671.

Seymour R, et al. (2013) Loss of function of the mouse Sharpin gene results in Peyer's patch regression. PloS one, 8(2), e55224.

Wang Z, et al. (2012) SHARPIN is essential for cytokine production, NF- κ B signaling, and induction of Th1 differentiation by dendritic cells. PloS one, 7(2), e31809.

Liang Y, et al. (2011) Chronic Proliferative Dermatitis in Mice: NF κ B Activation Autoinflammatory Disease. Pathology research international, 2011, 936794.