Resource Summary Report

Generated by NIF on Aug 17, 2026

Crl:SKH1-Hrhr

RRID:IMSR_CRL:477
Type: Organism

Proper Citation

RRID:IMSR_CRL:477

Organism Information

URL: http://www.criver.com/products-services/basic-research/find-a-model/skh1-e-mouse

Proper Citation: RRID:IMSR_CRL:477

Description: Mus musculus with name Crl:SKH1-Hrhr from IMSR.

Species: Mus musculus

Synonyms: Crl:SKH1-Hr

. Crl:SKH1
Notes: gene symbol note: ; outbred stock:

Catalog Number: CRL:477

Database: Charles River Laboratories

Database Abbreviation: CRL

Availability: live

Organism Name: Crl:SKH1-Hrhr

Record Creation Time: 20250513T062410+0000

Record Last Update: 20260815T055928+0000

Ratings and Alerts

No rating or validation information has been found for Crl:SKH1-Hrhr.

No alerts have been found for Crl:SKH1-Hrhr.

Data and Source Information

Source: Integrated Animals

Source Database: Charles River Laboratories

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Budluang P, et al. (2025) N-benzyl-N-methyldecane-1-amine derived from garlic ameliorates UVB-induced photoaging in HaCaT cells and SKH-1 hairless mice. Scientific reports, 15(1), 6979.

Lee HR, et al. (2024) Potential Role of Dietary Salmon Nasal Cartilage Proteoglycan on UVB-Induced Photoaged Skin. Biomolecules & therapeutics, 32(2), 249.

Geng R, et al. (2024) Dietary Isoeugenol Supplementation Attenuates Chronic UVB-Induced Skin Photoaging and Modulates Gut Microbiota in Mice. Nutrients, 16(4).

Levra Levron C, et al. (2023) Tissue memory relies on stem cell priming in distal undamaged areas. Nature cell biology, 25(5), 740.

Kim SH, et al. (2023) Protective effects of an electrophilic metabolite of docosahexaenoic acid on UVB-induced oxidative cell death, dermatitis, and carcinogenesis. Redox biology, 62, 102666.

Yang Z, et al. (2022) The effect of Q-switched 1064-nm dymium-doped yttrium aluminum garnet laser on the skin barrier and collagen synthesis through miR-24-3p. Lasers in medical science, 37(1), 205.

Chen YY, et al. (2022) Skin damage induced by zinc oxide nanoparticles combined with UVB is mediated by activating cell pyroptosis via the NLRP3 inflammasome-autophagy-exosomal pathway. Particle and fibre toxicology, 19(1), 2.

Park NJ, et al. (2022) Lobelia chinensis Extract and Its Active Compound, Diosmetin, Improve Atopic Dermatitis by Reinforcing Skin Barrier Function through SPINK5/LEKTI Regulation. International journal of molecular sciences, 23(15).

Zheng Y, et al. (2022) Commensal Staphylococcus epidermidis contributes to skin barrier homeostasis by generating protective ceramides. Cell host & microbe, 30(3), 301.

Kang MK, et al. (2021) Dietary Collagen Hydrolysates Ameliorate Furrowed and Parched Skin Caused by Photoaging in Hairless Mice. International journal of molecular sciences, 22(11).

Gilardoni M, et al. (2021) Evidence for the systemic diffusion of (2-chloroethyl)-ethyl-sulfide, a sulfur mustard analog, and its deleterious effects in brain. Toxicology, 462, 152950.

Jegal J, et al. (2021) Wikstroemiaganpi Extract Improved Atopic Dermatitis-Like Skin Lesions via Suppression of Interleukin-4 in 2,4-Dinitrochlorobenzene-Induced SKH-1 Hairless Mice. Molecules (Basel, Switzerland), 26(7).

Pérez M, et al. (2021) Comparison of Antibacterial Activity and Wound Healing in a Superficial Abrasion Mouse Model of Staphylococcus aureus Skin Infection Using Photodynamic Therapy Based on Methylene Blue or Mupirocin or Both. Frontiers in medicine, 8, 673408.

Kim MJ, et al. (2020) Reduced Fecal Calprotectin and Inflammation in a Murine Model of Atopic Dermatitis Following Probiotic Treatment. International journal of molecular sciences, 21(11).

Petrlova J, et al. (2020) Thrombin-derived C-terminal fragments aggregate and scavenge bacteria and their proinflammatory products. The Journal of biological chemistry, 295(11), 3417.

Kong YH, et al. (2020) Juglanin administration protects skin against UVB?induced injury by reducing Nrf2?dependent ROS generation. International journal of molecular medicine, 46(1), 67.

Bode AM, et al. (2020) Are FDA-Approved Sunscreen Components Effective in Preventing Solar UV-Induced Skin Cancer? Cells, 9(7).

Hosseini M, et al. (2019) UVB-induced DHODH upregulation, which is driven by STAT3, is a promising target for chemoprevention and combination therapy of photocarcinogenesis. Oncogenesis, 8(10), 52.

Kalin JH, et al. (2019) Investigation into the use of histone deacetylase inhibitor MS-275 as a topical agent for the prevention and treatment of cutaneous squamous cell carcinoma in an SKH-1 hairless mouse model. PloS one, 14(3), e0213095.

Nie S, et al. (2019) NLRP3 Inflammasome Mediated Interleukin-1? Production in Cancer-Associated Fibroblast Contributes to ALA-PDT for Cutaneous Squamous Cell Carcinoma. Cancer management and research, 11, 10257.