

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.Cg-Msr1^{tm1Csk}/J

RRID:IMSR_JAX:006096

Type: Organism

Proper Citation

RRID:IMSR_JAX:006096

Organism Information

URL: <https://www.jax.org/strain/006096>

Proper Citation: RRID:IMSR_JAX:006096

Description: Mus musculus with name B6.Cg-Msr1^{tm1Csk}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: macrophage scavenger receptor 1; mutant strain|congenic strain: Msr1

Affected Gene: macrophage scavenger receptor 1

Genomic Alteration: targeted mutation 1; Chugai Pharmaceutical Co; Ltd

Catalog Number: JAX:006096

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Msr1^{tm1Csk}/J

Record Creation Time: 20250513T053654+0000

Record Last Update: 20260912T060439+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Msr1^{tm1Csk}/J.

No alerts have been found for B6.Cg-Msr1^{tm1Csk}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Monzavi-Karbassi B, et al. (2026) Class A scavenger receptors promote tumor progression and induce a unique macrophage phenotype in a mouse model of spontaneous breast cancer. *Journal of leukocyte biology*, 118(3).

Peru? A, et al. (2022) The CD36 and SR-A/CD204 scavenger receptors fine-tune Staphylococcus aureus-stimulated cytokine production in mouse macrophages. *Cellular immunology*, 372, 104483.

Yang D, et al. (2021) A critical role for MSR1 in vesicular stomatitis virus infection of the central nervous system. *iScience*, 24(6), 102678.

Härdtner C, et al. (2020) Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. *Basic research in cardiology*, 115(6), 78.

Wohner N, et al. (2018) Macrophage scavenger receptor SR-AI contributes to the clearance of von Willebrand factor. *Haematologica*, 103(4), 728.

Theurl I, et al. (2016) On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. *Nature medicine*, 22(8), 945.

Robbins CS, et al. (2013) Local proliferation dominates lesional macrophage accumulation in atherosclerosis. *Nature medicine*, 19(9), 1166.

Herber DL, et al. (2010) Lipid accumulation and dendritic cell dysfunction in cancer. *Nature medicine*, 16(8), 880.