

Resource Summary Report

Generated by PRECISE-TBI on Sep 20, 2026

B6.Cg-Sle1NZM2410/Aeg Yaa/DcrJ

RRID:IMSR_JAX:021569

Type: Organism

Proper Citation

RRID:IMSR_JAX:021569

Organism Information

URL: <https://www.jax.org/strain/021569>

Proper Citation: RRID:IMSR_JAX:021569

Description: Mus musculus with name B6.Cg-Sle1^{NZM2410/Aeg} Yaa/DcrJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: systemic lupus erythmatosus susceptibility 1|accelerated autoimmunity and lymphoproliferation transposition; mutant strain|congenic strain: Sle1|Yaa

Affected Gene: systemic lupus erythmatosus susceptibility 1|accelerated autoimmunity and lymphoproliferation transposition

Genomic Alteration: NZM2410/Aeg|accelerated autoimmunity and lymphoproliferation

Catalog Number: JAX:021569

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Sle1^{NZM2410/Aeg} Yaa/DcrJ

Record Creation Time: 20250513T053743+0000

Record Last Update: 20260919T054930+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Sle1^{NZM2410/Aeg} Yaa/DcrJ.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human systemic lupus erythematosus.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Al Souz J, et al. (2026) Organ injury in systemic autoimmunity is mediated by stem-like CD8+ T cells arising from tissue-draining lymph nodes. *Immunity*, 59(6), 1667.

Choi SC, et al. (2025) Glycolysis inhibition functionally reprograms T follicular helper cells and reverses lupus. *Cell reports*, 44(12), 116600.

Elshikha A, et al. (2024) Glycolysis inhibition functionally reprograms T follicular helper cells and reverses lupus. *bioRxiv : the preprint server for biology*.

Sanchez GM, et al. (2024) Aberrant zonal recycling of germinal center B cells impairs appropriate selection in lupus. *Cell reports*, 43(11), 114978.

van den Broek T, et al. (2023) Invasion of spontaneous germinal centers by naive B cells is rapid and persistent. *bioRxiv : the preprint server for biology*.

Agazio A, et al. (2020) Histone H2A-Reactive B Cells Are Functionally Anergic in Healthy Mice With Potential to Provide Humoral Protection Against HIV-1. *Frontiers in immunology*, 11, 1565.