

# Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 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>

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**Description:** Mus musculus with name B6.Cg-Sle1<sup>NZM2410/Aeg</sup> 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<sup>NZM2410/Aeg</sup> 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<sup>NZM2410/Aeg</sup> Yaa/DcrJ.

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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.