

# Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

## C57BL/6-Esr1<sup>tm2.1(cre)And/J</sup>

RRID:IMSR\_JAX:017913

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:017913

### Organism Information

**URL:** <https://www.jax.org/strain/017913>

**Proper Citation:** RRID:IMSR\_JAX:017913

**Description:** Mus musculus with name C57BL/6-Esr1<sup>tm2.1(cre)And/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: |estrogen receptor 1 (alpha); mutant strain|congenic strain:  
|Esr1

**Affected Gene:** |estrogen receptor 1 (alpha)

**Genomic Alteration:** targeted mutation 2.1; David J Anderson

**Catalog Number:** JAX:017913

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6-Esr1<sup>tm2.1(cre)And/J</sup>

**Record Creation Time:** 20250513T053735+0000

**Record Last Update:** 20260725T044443+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6-Esr1<sup>tm2.1(cre)And/J</sup>.

No alerts have been found for C57BL/6-Esr1<sup>tm2.1(cre)And/J</sup>.

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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 [SPARC SAWG](#) .

Chen G, et al. (2024) Cellular and circuit architecture of the lateral septum for reward processing. *Neuron*, 112(16), 2783.

Zhu Z, et al. (2024) A hypothalamic-amygdala circuit underlying sexually dimorphic aggression. *Neuron*, 112(18), 3176.

Knoedler JR, et al. (2022) A functional cellular framework for sex and estrous cycle-dependent gene expression and behavior. *Cell*, 185(4), 654.

LeClair KB, et al. (2021) Individual history of winning and hierarchy landscape influence stress susceptibility in mice. *eLife*, 10.

Krzywkowski P, et al. (2020) Dynamic encoding of social threat and spatial context in the hypothalamus. *eLife*, 9.

Chen AX, et al. (2020) Specific Hypothalamic Neurons Required for Sensing Conspecific Male Cues Relevant to Inter-male Aggression. *Neuron*, 108(4), 763.