

# Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

## B6.129P2-Esr1<sup>tm1Ksk</sup>/J

RRID:IMSR\_JAX:004744

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004744

### Organism Information

**URL:** <https://www.jax.org/strain/004744>

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**Description:** Mus musculus with name B6.129P2-Esr1<sup>tm1Ksk</sup>/J 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 1; Kenneth S Korach

**Catalog Number:** JAX:004744

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** B6.129P2-Esr1<sup>tm1Ksk</sup>/J

**Record Creation Time:** 20250513T053646+0000

**Record Last Update:** 20260912T060430+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129P2-Esr1<sup>tm1Ksk</sup>/J.

No alerts have been found for B6.129P2-Esr1<sup>tm1Ksk</sup>/J.

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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 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Casali P, et al. (2020) Estrogen Reverses HDAC Inhibitor-Mediated Repression of Aicda and Class-Switching in Antibody and Autoantibody Responses by Downregulation of miR-26a. *Frontiers in immunology*, 11, 491.

Satirapod C, et al. (2020) Estrogen regulation of germline stem cell differentiation as a mechanism contributing to female reproductive aging. *Aging*, 12(8), 7313.

Kalidhindi RSR, et al. (2019) Role of Estrogen Receptors  $\alpha$  and  $\beta$  in a Murine Model of Asthma: Exacerbated Airway Hyperresponsiveness and Remodeling in ER $\alpha$  Knockout Mice. *Frontiers in pharmacology*, 10, 1499.