

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

B6.129P2-Esr1^{tm1Ksk}/J

RRID:IMSR_JAX:004744

Type: Organism

Proper Citation

RRID:IMSR_JAX:004744

Organism Information

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

Proper Citation: RRID:IMSR_JAX:004744

Description: Mus musculus with name B6.129P2-Esr1^{tm1Ksk}/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^{tm1Ksk}/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260725T044356+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Esr1^{tm1Ksk}/J.

No alerts have been found for B6.129P2-Esr1^{tm1Ksk}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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 α and β in a Murine Model of Asthma: Exacerbated Airway Hyperresponsiveness and Remodeling in ER α Knockout Mice. *Frontiers in pharmacology*, 10, 1499.