

Resource Summary Report

Generated by PRECISE-TBI on Sep 20, 2026

B6N.129S6(Cg)-Esr1^{tm1.1(cre)And/J}

RRID:IMSR_JAX:017911

Type: Organism

Proper Citation

RRID:IMSR_JAX:017911

Organism Information

URL: <https://www.jax.org/strain/017911>

Proper Citation: RRID:IMSR_JAX:017911

Description: Mus musculus with name B6N.129S6(Cg)-Esr1^{tm1.1(cre)And/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 1.1; David J Anderson

Catalog Number: JAX:017911

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129S6(Cg)-Esr1^{tm1.1(cre)And/J}

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260919T054922+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S6(Cg)-Esr1^{tm1.1(cre)And/J}.

No alerts have been found for B6N.129S6(Cg)-Esr1^{tm1.1(cre)And/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Li T, et al. (2025) A pontine center in descending pain control. *Neuron*, 113(11), 1789.

Dai B, et al. (2024) Brain-wide multi-fiber recording of neuronal activity in freely moving mice. *STAR protocols*, 5(1), 102882.

Torres Irizarry VC, et al. (2024) Estrogen signaling in the dorsal raphe regulates binge-like drinking in mice. *Translational psychiatry*, 14(1), 122.

Calvigioni D, et al. (2023) *Esr1*+ hypothalamic-habenula neurons shape aversive states. *Nature neuroscience*, 26(7), 1245.

Russo S, et al. (2023) Peripheral immune-derived matrix metalloproteinase promotes stress susceptibility. *Research square*.

Guo Z, et al. (2023) Neural dynamics in the limbic system during male social behaviors. *Neuron*, 111(20), 3288.

Michael V, et al. (2020) Circuit and synaptic organization of forebrain-to-midbrain pathways that promote and suppress vocalization. *eLife*, 9.

Fukuda M, et al. (2019) G9a-dependent histone methylation can be induced in G1 phase of cell cycle. *Scientific reports*, 9(1), 956.