

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

B6.Cg-Tg(ACTA1-cre/Esr1*)2Kesr/J

RRID:IMSR_JAX:031934

Type: Organism

Proper Citation

RRID:IMSR_JAX:031934

Organism Information

URL: <https://www.jax.org/strain/031934>

Proper Citation: RRID:IMSR_JAX:031934

Description: Mus musculus with name B6.Cg-Tg(ACTA1-cre/Esr1*)2Kesr/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(ACTA1-cre/Esr1*)2Kesr/J

Notes: gene symbol note: actin; alpha 1; skeletal muscle|transgene insertion 2; Karyn A Esser|Cre recombinase and estrogen receptor 1 fusion gene; mutant strain|congenic strain: ACTA1|Tg(ACTA1-cre/Esr1*)2Kesr|cre/Esr1

Affected Gene: actin; alpha 1; skeletal muscle|transgene insertion 2; Karyn A Esser|Cre recombinase and estrogen receptor 1 fusion gene

Genomic Alteration: transgene insertion 2; Karyn A Esser

Catalog Number: JAX:031934

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(ACTA1-cre/Esr1*)2Kesr/J

Record Creation Time: 20250513T053825+0000

Record Last Update: 20260919T055009+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(ACTA1-cre/Esr1*)2Kesr/J.

No alerts have been found for B6.Cg-Tg(ACTA1-cre/Esr1*)2Kesr/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Sohn S, et al. (2024) Molecular, Histological, and Functional Changes in Acta1-MCM;FLExDUX4/+ Mice. International journal of molecular sciences, 25(21).

Jones T, et al. (2018) A cre-inducible DUX4 transgenic mouse model for investigating facioscapulohumeral muscular dystrophy. PloS one, 13(2), e0192657.