

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[B6;129-Pax7^{tm1}\(cre/Esr1*\)Cklr/Nci](#)

RRID:IMSR_NCIMR:01XBS

Type: Organism

Proper Citation

RRID:IMSR_NCIMR:01XBS

Organism Information

URL:

Proper Citation: RRID:IMSR_NCIMR:01XBS

Description: Mus musculus with name B6;129-Pax7^{tm1}(cre/Esr1*)Cklr/Nci from IMSR.

Species: Mus musculus

Notes: gene symbol note: paired box 7; mutant stock: Pax7

Affected Gene: paired box 7

Genomic Alteration: targeted mutation 1; Charles Keller

Catalog Number: NCIMR:01XBS

Database: National Cancer Institute at Frederick

Database Abbreviation: NCIMR

Availability: embryo

Organism Name: B6;129-Pax7^{tm1}(cre/Esr1*)Cklr/Nci

Record Creation Time: 20250513T061851+0000

Record Last Update: 20260815T055306+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Pax7^{tm1}(cre/Esr1*)Cklr/Nci.

No alerts have been found for B6;129-Pax7^{tm1}(cre/Esr1*)Cklr/Nci.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: National Cancer Institute at Frederick

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Benjamin DI, et al. (2023) Multiomics reveals glutathione metabolism as a driver of bimodality during stem cell aging. Cell metabolism, 35(3), 472.

Benjamin DI, et al. (2022) Fasting induces a highly resilient deep quiescent state in muscle stem cells via ketone body signaling. Cell metabolism, 34(6), 902.

Liu L, et al. (2018) Impaired Notch Signaling Leads to a Decrease in p53 Activity and Mitotic Catastrophe in Aged Muscle Stem Cells. Cell stem cell, 23(4), 544.