

Resource Summary Report

Generated by ASWG on Sep 2, 2026

C57BL/6-Tg(Pbsn-cre/Esr1*)14Abch/J

RRID:IMSR_JAX:020287

Type: Organism

Proper Citation

RRID:IMSR_JAX:020287

Organism Information

URL: <https://www.jax.org/strain/020287>

Proper Citation: RRID:IMSR_JAX:020287

Description: Mus musculus with name C57BL/6-Tg(Pbsn-cre/Esr1*)14Abch/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: probasin||transgene insertion 14; Andreas Birbach; coisogenic strain|mutant strain: Pbsn||Tg(Pbsn-cre/Esr1*)14Abch

Affected Gene: probasin||transgene insertion 14; Andreas Birbach

Genomic Alteration: transgene insertion 14; Andreas Birbach

Catalog Number: JAX:020287

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Pbsn-cre/Esr1*)14Abch/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260829T045043+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Pbsn-cre/Esr1*)14Abch/J.

No alerts have been found for C57BL/6-Tg(Pbsn-cre/Esr1*)14Abch/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 [ASWG](#) .

Garcia J, et al. (2023) Regulation of Prostate Androgens by Megalin and 25-hydroxyvitamin D Status: Mechanism for High Prostate Androgens in African American Men. Cancer research communications, 3(3), 371.

El-Kenawi A, et al. (2021) Macrophage-Derived Cholesterol Contributes to Therapeutic Resistance in Prostate Cancer. Cancer research, 81(21), 5477.