

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

STOCK Polr2a^{tm1}(cre/ERT2)Bbd/J

RRID:IMSR_JAX:017585

Type: Organism

Proper Citation

RRID:IMSR_JAX:017585

Organism Information

URL: <https://www.jax.org/strain/017585>

Proper Citation: RRID:IMSR_JAX:017585

Description: Mus musculus with name STOCK Polr2a^{tm1}(cre/ERT2)Bbd/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: polymerase (RNA) II (DNA directed) polypeptide A|Cre recombinase and estrogen receptor 1 (human) fusion gene; mutant stock: Polr2a|cre/ERT2

Affected Gene: polymerase (RNA) II (DNA directed) polypeptide A|Cre recombinase and estrogen receptor 1 (human) fusion gene

Genomic Alteration: targeted mutation 1; Mariano Barbacid

Catalog Number: JAX:017585

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Polr2a^{tm1}(cre/ERT2)Bbd/J

Record Creation Time: 20250513T053733+0000

Record Last Update: 20260905T044516+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Polr2a^{tm1(cre/ERT2)Bbd/J}.

No alerts have been found for STOCK Polr2a^{tm1(cre/ERT2)Bbd/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 [NIF](#) .

Raiola M, et al. (2026) Quantitative computerized analysis demonstrates strongly compartmentalized tissue deformation patterns underlying mammalian heart tube formation. eLife, 14.

Sendra M, et al. (2025) Myocardium and endocardium of the early mammalian heart tube arise from independent multipotent lineages specified at the primitive streak. Developmental cell.