

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

C57BL/6-Rpe65^{tm1.1}(cre/ERT2)Kser/J

RRID:IMSR_JAX:035973

Type: Organism

Proper Citation

RRID:IMSR_JAX:035973

Organism Information

URL: <https://www.jax.org/strain/035973>

Proper Citation: RRID:IMSR_JAX:035973

Description: Mus musculus with name C57BL/6-Rpe65^{tm1.1}(cre/ERT2)Kser/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: retinal pigment epithelium 65; coisogenic strain|mutant strain: Rpe65

Affected Gene: retinal pigment epithelium 65

Genomic Alteration: targeted mutation 1.1; Philip Kiser

Catalog Number: JAX:035973

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Rpe65^{tm1.1}(cre/ERT2)Kser/J

Record Creation Time: 20250513T053851+0000

Record Last Update: 20260808T051047+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Rpe65^{tm1.1}(cre/ERT2)Kser/J.

No alerts have been found for C57BL/6-Rpe65^{tm1.1(cre/ERT2)}Kser/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](#).

Daniele LL, et al. (2026) Selective deletion of Slc2a1 from the RPE reveals that rods but not cones depend on glucose transport across the outer blood-retinal barrier. iScience, 29(1), 114450.

Tworak A, et al. (2023) Rapid RGR-dependent visual pigment recycling is mediated by the RPE and specialized Müller glia. Cell reports, 42(8), 112982.