

# Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

## B6.ABJ-Prkcq<sup>rpea1</sup>/BocJ

RRID:IMSR\_JAX:004658

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004658

### Organism Information

**URL:** <https://www.jax.org/strain/004658>

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**Description:** Mus musculus with name B6.ABJ-Prkcq<sup>rpea1</sup>/BocJ from IMSR.

**Species:** Mus musculus

**Synonyms:** B6.ABJ-Prkcq/Boc

**Notes:** gene symbol note: protein kinase C; theta; mutant strain|congenic strain: Prkcq

**Affected Gene:** protein kinase C; theta

**Genomic Alteration:** retinal pigment epithelium atrophy 1

**Catalog Number:** JAX:004658

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.ABJ-Prkcq<sup>rpea1</sup>/BocJ

**Record Creation Time:** 20250513T053646+0000

**Record Last Update:** 20260808T050847+0000

### Ratings and Alerts

No rating or validation information has been found for B6.ABJ-Prkcq<sup>rpea1</sup>/BocJ.

No alerts have been found for B6.ABJ-Prkcq<sup>rpea1</sup>/BocJ.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ji X, et al. (2016) Retinal Pigment Epithelium Atrophy 1 (rpea1): A New Mouse Model With Retinal Detachment Caused by a Disruption of Protein Kinase C, ?? . Investigative ophthalmology & visual science, 57(3), 877.