

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

B6.129S4-Catsperd^{tm1.1Clph/J}

RRID:IMSR_JAX:021451

Type: Organism

Proper Citation

RRID:IMSR_JAX:021451

Organism Information

URL: <https://www.jax.org/strain/021451>

Proper Citation: RRID:IMSR_JAX:021451

Description: Mus musculus with name B6.129S4-Catsperd^{tm1.1Clph/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: cation channel sperm associated auxiliary subunit delta; mutant strain|congenic strain: Catsperd

Affected Gene: cation channel sperm associated auxiliary subunit delta

Genomic Alteration: targeted mutation 1.1; David E Clapham

Catalog Number: JAX:021451

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Catsperd^{tm1.1Clph/J}

Record Creation Time: 20250513T053743+0000

Record Last Update: 20260919T054930+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Catsperd^{tm1.1Clph/J}.

No alerts have been found for B6.129S4-Catsperd^{tm1.1Clph/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 [Kravitz](#) .

Hwang JY, et al. (2022) C2cd6-encoded CatSper?? targets sperm calcium channel to Ca²⁺ signaling domains in the flagellar membrane. Cell reports, 38(3), 110226.

Hwang JY, et al. (2019) Dual Sensing of Physiologic pH and Calcium by EFCAB9 Regulates Sperm Motility. Cell, 177(6), 1480.