

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

B6.129S4-Clock^{tm1.1Rep/J}

RRID:IMSR_JAX:010925

Type: Organism

Proper Citation

RRID:IMSR_JAX:010925

Organism Information

URL: <https://www.jax.org/strain/010925>

Proper Citation: RRID:IMSR_JAX:010925

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

Species: Mus musculus

Notes: gene symbol note: clock circadian regulator; mutant strain|congenic strain: Clock

Affected Gene: clock circadian regulator

Genomic Alteration: targeted mutation 1.1; Steven M Reppert

Catalog Number: JAX:010925

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Clock^{tm1.1Rep/J}

Record Creation Time: 20250513T053718+0000

Record Last Update: 20260912T060503+0000

Ratings and Alerts

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

No alerts have been found for B6.129S4-Clock^{tm1.1Rep/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Vancura P, et al. (2017) Gnaz couples the circadian and dopaminergic system to G protein-mediated signaling in mouse photoreceptors. PloS one, 12(10), e0187411.