

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.129P2(Cg)-Dhcr7^{tm1Gst}/J

RRID:IMSR_JAX:007453

Type: Organism

Proper Citation

RRID:IMSR_JAX:007453

Organism Information

URL: <https://www.jax.org/strain/007453>

Proper Citation: RRID:IMSR_JAX:007453

Description: Mus musculus with name B6.129P2(Cg)-Dhcr7^{tm1Gst}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: 7-dehydrocholesterol reductase; mutant strain|congenic strain: Dhcr7

Affected Gene: 7-dehydrocholesterol reductase

Genomic Alteration: targeted mutation 1; G S Tint

Catalog Number: JAX:007453

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2(Cg)-Dhcr7^{tm1Gst}/J

Record Creation Time: 20250513T053702+0000

Record Last Update: 20260912T060448+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(Cg)-Dhcr7^{tm1Gst}/J.

No alerts have been found for B6.129P2(Cg)-Dhcr7^{tm1Gst}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Tomita H, et al. (2022) 7-Dehydrocholesterol-derived oxysterols cause neurogenic defects in Smith-Lemli-Opitz syndrome. *eLife*, 11.

Genaro-Mattos TC, et al. (2021) Altered Cholesterol Biosynthesis Affects Drug Metabolism. *ACS omega*, 6(8), 5490.

Korade Z, et al. (2021) Trazodone effects on developing brain. *Translational psychiatry*, 11(1), 85.

Genaro-Mattos TC, et al. (2019) Maternal aripiprazole exposure interacts with 7-dehydrocholesterol reductase mutations and alters embryonic neurodevelopment. *Molecular psychiatry*, 24(4), 491.