

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

B6;129S7-Drd2^{tm1.1Jtw/J}

RRID:IMSR_JAX:030537

Type: Organism

Proper Citation

RRID:IMSR_JAX:030537

Organism Information

URL: <https://www.jax.org/strain/030537>

Proper Citation: RRID:IMSR_JAX:030537

Description: Mus musculus with name B6;129S7-Drd2^{tm1.1Jtw/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: dopamine receptor D2; mutant stock: Drd2

Affected Gene: dopamine receptor D2

Genomic Alteration: targeted mutation tm1.1; John Williams

Catalog Number: JAX:030537

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S7-Drd2^{tm1.1Jtw/J}

Record Creation Time: 20250513T053816+0000

Record Last Update: 20260808T051013+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S7-Drd2^{tm1.1Jtw/J}.

No alerts have been found for B6;129S7-Drd2^{tm1.1Jtw/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Li YD, et al. (2024) Anterior cingulate cortex projections to the dorsal medial striatum underlie insomnia associated with chronic pain. Neuron.

Gulfo MC, et al. (2023) Dopamine D2 receptors in mossy cells reduce excitatory transmission and are essential for hippocampal function. bioRxiv : the preprint server for biology.

Zhu XN, et al. (2023) Propofol exerts anti-anhedonia effects via inhibiting the dopamine transporter. Neuron, 111(10), 1626.