

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

B6;129S7-Dp(10Prmt2-Pdxk)2Yey/J

RRID:IMSR_JAX:013529

Type: Organism

Proper Citation

RRID:IMSR_JAX:013529

Organism Information

URL: <https://www.jax.org/strain/013529>

Proper Citation: RRID:IMSR_JAX:013529

Description: Mus musculus with name B6;129S7-Dp(10Prmt2-Pdxk)2Yey/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S7-Dp(10Prmt2-Pdxk)1Yey/J

Notes: gene symbol note: duplication; Chr 10; Y Eugene Yu 2|pyridoxal (pyridoxine; vitamin B6) kinase|protein arginine N-methyltransferase 2; mutant stock: Dp(10Prmt2-Pdxk)2Yey|Pdxk|Prmt2

Affected Gene: duplication; Chr 10; Y Eugene Yu 2|pyridoxal (pyridoxine; vitamin B6) kinase|protein arginine N-methyltransferase 2

Genomic Alteration: duplication; Chr 10; Y Eugene Yu 2

Catalog Number: JAX:013529

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S7-Dp(10Prmt2-Pdxk)2Yey/J

Record Creation Time: 20250513T053724+0000

Record Last Update: 20260808T050929+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S7-Dp(10Prmt2-Pdxk)2Yey/J.

No alerts have been found for B6;129S7-Dp(10Prmt2-Pdxk)2Yey/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 [SPARC SAWG](#) .

Tuttle KD, et al. (2020) JAK1 Inhibition Blocks Lethal Immune Hypersensitivity in a Mouse Model of Down Syndrome. Cell reports, 33(7), 108407.