

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

B6.129P2-Mecp2^{tm1Bird}/J

RRID:IMSR_JAX:007177

Type: Organism

Proper Citation

RRID:IMSR_JAX:007177

Organism Information

URL: <https://www.jax.org/strain/007177>

Proper Citation: RRID:IMSR_JAX:007177

Description: Mus musculus with name B6.129P2-Mecp2^{tm1Bird}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: methyl CpG binding protein 2; congenic strain: Mecp2

Affected Gene: methyl CpG binding protein 2

Genomic Alteration: targeted mutation 1; Adrian Bird

Catalog Number: JAX:007177

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Mecp2^{tm1Bird}/J

Record Creation Time: 20250513T053701+0000

Record Last Update: 20260905T044445+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Mecp2^{tm1Bird}/J.

No alerts have been found for B6.129P2-Mecp2^{tm1Bird}/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](#) .

Achilly NP, et al. (2021) Deleting Mecp2 from the cerebellum rather than its neuronal subtypes causes a delay in motor learning in mice. eLife, 10.

Ward CS, et al. (2020) Loss of MeCP2 Function Across Several Neuronal Populations Impairs Breathing Response to Acute Hypoxia. Frontiers in neurology, 11, 593554.

Ballinger EC, et al. (2019) Mecp2 Deletion from Cholinergic Neurons Selectively Impairs Recognition Memory and Disrupts Cholinergic Modulation of the Perirhinal Cortex. eNeuro, 6(6).

Wolf Y, et al. (2017) Brown-adipose-tissue macrophages control tissue innervation and homeostatic energy expenditure. Nature immunology, 18(6), 665.