

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

STOCK *Mecp2^{tm1.1Jae}/Mmucd*

RRID:MMRRC_000011-UCD

Type: Organism

Proper Citation

RRID:MMRRC_000011-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11

Proper Citation: RRID:MMRRC_000011-UCD

Description: Mus musculus with name STOCK *Mecp2^{tm1.1Jae}/Mmucd* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection:

Phenotype: tremors [MP:0000745]| decreased brain size [MP:0000774]| abnormal olfactory bulb morphology [MP:0000819]| obese [MP:0001261]| decreased body weight [MP:0001262]| decreased anxiety-related response [MP:0001364]| ataxia [MP:0001393]| hypoactivity [MP:0001402]| impaired coordination [MP:0001405]| abnormal gait [MP:0001406]| abnormal pilomotor reflex [MP:0001492]| abnormal respiration [MP:0001943]| abnormal breathing pattern [MP:0001951]| apnea [MP:0001957]| premature death [MP:0002083]| decreased brain weight [MP:0002175]| abnormal motor learning [MP:0002804]| abnormal neuron morphology [MP:0002882]| increased susceptibility to age related obesity [MP:0003212]| abnormal behavior [MP:0004924]| abnormal brain wave pattern [MP:0004994]| cachexia [MP:0005150]| lethargy [MP:0005202]| abnormal action potential [MP:0005402]| tachypnea [MP:0005426]| abnormal body temperature [MP:0005535]| abnormal hippocampus CA2 region morphology [MP:0008265]| increased liver triglyceride level [MP:0009355]| increased brain cholesterol level [MP:0010162]

Affected Gene: *Mecp2*

Catalog Number: 000011-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11242118](#), [PMID:16439027](#)

Alternate IDs: MMRRC_11-UCD, MMRRC_000011, MMRRC_11

Organism Name: STOCK *Mecp2^{tm1.1Jae}*/Mmucd

Record Creation Time: 20230308T054750+0000

Record Last Update: 20260912T133929+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Mecp2^{tm1.1Jae}*/Mmucd.

No alerts have been found for STOCK *Mecp2^{tm1.1Jae}*/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Morello N, et al. (2018) Loss of Mecp2 Causes Atypical Synaptic and Molecular Plasticity of Parvalbumin-Expressing Interneurons Reflecting Rett Syndrome-Like Sensorimotor Defects. *eNeuro*, 5(5).

Leung J, et al. (2017) MeCP2-deficient mice have reduced $\alpha 4$ and $\alpha 6$ nicotinic receptor mRNA and altered behavioral response to nicotinic agonists. *Behavioural brain research*, 330, 118.