

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

STOCK *Msra*^{*tm1Jmo*} *Msrb1*^{*tm1.1Rlev*} *Msrb2*^{*em1Rlev*} *Msrb3*^{*em1Rlev*}/Mmnc

RRID:MMRRC_050539-UNC

Type: Organism

Proper Citation

RRID:MMRRC_050539-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50539

Proper Citation: RRID:MMRRC_050539-UNC

Description: Mus musculus with name STOCK *Msra*^{*tm1Jmo*} *Msrb1*^{*tm1.1Rlev*} *Msrb2*^{*em1Rlev*} *Msrb3*^{*em1Rlev*}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: decreased body weight [MP:0001262]| abnormal gait [MP:0001406]| postnatal growth retardation [MP:0001732]| premature death [MP:0002083]| oxidative stress [MP:0003674]| abnormal enzyme/coenzyme level [MP:0005319]| decreased body weight [MP:0001262]| postnatal growth retardation [MP:0001732]

Affected Gene: *Msra*||*Msrb1*||*Msrb2*||*Msrb3*

Catalog Number: 050539-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11606777](#), [PMID:22521563](#), [PMID:19487311](#)

Alternate IDs: MMRRC_50539-UNC, MMRRC_050539, MMRRC_5539

Organism Name: STOCK *Msra*^{*tm1Jmo*} *Msrb1*^{*tm1.1Rlev*} *Msrb2*^{*em1Rlev*} *Msrb3*^{*em1Rlev*}/Mmnc

Record Creation Time: 20230308T055312+0000

Record Last Update: 20260801T124736+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Msra*^{tm1Jmo} *Msrb1*^{tm1.1Rlev} *Msrb2*^{em1Rlev} *Msrb3*^{em1Rlev}/Mmnc.

No alerts have been found for STOCK *Msra*^{tm1Jmo} *Msrb1*^{tm1.1Rlev} *Msrb2*^{em1Rlev} *Msrb3*^{em1Rlev}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.