

Resource Summary Report

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

STOCK *Adora1^{tm1Jgsc} Adora3^{tm1Jbsn} Adora2a^{tm1Jfc} Adora2b^{tm1Till}/ReiMmjax*

RRID:MMRRC_066730-JAX

Type: Organism

Proper Citation

RRID:MMRRC_066730-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=66730

Proper Citation: RRID:MMRRC_066730-JAX

Description: Mus musculus with name STOCK *Adora1^{tm1Jgsc} Adora3^{tm1Jbsn} Adora2a^{tm1Jfc} Adora2b^{tm1Till}/ReiMmjax* from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Endocrine Deficiency, Metabolism, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal response/metabolism to endogenous compounds [MP:0003638]| increased susceptibility to kidney reperfusion injury [MP:0004041]| increased circulating creatinine level [MP:0005553]| absent tubuloglomerular feedback response [MP:0011297]| decreased airway responsiveness [MP:0002335]| abnormal mast cell physiology [MP:0002423]| abnormal nociception after inflammation [MP:0002736]| decreased systemic arterial blood pressure [MP:0002843]| increased coronary flow rate [MP:0003022]| decreased myocardial infarction size [MP:0003038]| abnormal response/metabolism to endogenous compounds [MP:0003638]| decreased susceptibility to kidney reperfusion injury [MP:0004042]| decreased acute inflammation [MP:0005087]| ocular hypotension [MP:0005260]| decreased circulating creatinine level [MP:0005554]| decreased tumor necrosis factor secretion [MP:0008561]| impaired neutrophil recruitment [MP:0008719]| abnormal mast cell degranulation [MP:0008763]| heart right ventricle hypertrophy [MP:0000276]| abnormal pulmonary artery morphology [MP:0000484]| hypoactivity [MP:0001402]| abnormal sclera morphology [MP:0002698]| vascular smooth muscle hypertrophy [MP:0002975]| myopia [MP:0003100]| abnormal locomotor activation [MP:0003313]| pulmonary hypertension [MP:0003548]| abnormal lung vasculature morphology [MP:0004007]| decreased cerebral infarction size [MP:0006058]| decreased susceptibility to ischemic brain injury [MP:0006059]| decreased physiological sensitivity to xenobiotic [MP:0008874]| impaired behavioral response to addictive substance

[MP:0009750]] increased right ventricle systolic pressure [MP:0010758]] decreased susceptibility to induction of seizure by inducing agent [MP:0012348]] increased susceptibility to type I hypersensitivity reaction [MP:0005596]] increased interleukin-6 secretion [MP:0008705]] decreased physiological sensitivity to xenobiotic [MP:0008874]] increased sensitivity to induced morbidity/mortality [MP:0009763]] abnormal cellular extravasation [MP:0009858]] impaired adaptive thermogenesis [MP:0011049]

Affected Gene: |Adora1||Adora2b||Adora2a|Adora3|

Catalog Number: 066730-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:30822301](#), [PMID:11504952](#), [PMID:10531422](#), [PMID:17200408](#), [PMID:10660615](#)

Alternate IDs: MMRRC_66730-JAX, MMRRC_066730, MMRRC_6673

Organism Name: STOCK *Adora1^{tm1Jgsc} Adora3^{tm1Jbsn} Adora2a^{tm1Jfc} Adora2b^{tm1Till}*/ReiMmjax

Record Creation Time: 20230308T055509+0000

Record Last Update: 20260801T125401+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Adora1^{tm1Jgsc} Adora3^{tm1Jbsn} Adora2a^{tm1Jfc} Adora2b^{tm1Till}*/ReiMmjax.

No alerts have been found for STOCK *Adora1^{tm1Jgsc} Adora3^{tm1Jbsn} Adora2a^{tm1Jfc} Adora2b^{tm1Till}*/ReiMmjax.

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.