

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.