

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Rora^{sg}/Rora^{sg}](#)

RRID:MGI:3720640

Type: Organism

Proper Citation

RRID:MGI:3720640

Organism Information

URL:

Proper Citation: RRID:MGI:3720640

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: abnormal spatial learning, thymus atrophy, spleen atrophy, abnormal immune system physiology, abnormal immune system organ morphology, abnormal estrous cycle, prolonged metestrus, prolonged estrus, delayed estrous cycle, abnormal external female genitalia morphology, abnormal female reproductive system physiology, reduced female fertility, abnormal fertility/fecundity, abnormal sexual interaction, abnormal inferior olivary complex morphology, taste/olfaction phenotype, abnormal lipid homeostasis, decreased circulating cholesterol level, immune system phenotype, atherosclerotic lesions, abnormal cerebellum morphology, increased susceptibility to atherosclerosis, decreased circulating HDL cholesterol level, abnormal vasodilation, decreased mean systemic arterial blood pressure, abnormal vasoconstriction, abnormal sexual interaction, increased angiogenesis, increased interleukin-1 secretion, abnormal macrophage physiology, abnormal olfaction, abnormal lung compliance, increased IgE level, abnormal respiratory mucosa morphology, lung inflammation, abnormal maternal nurturing, abnormal inferior olivary complex morphology, abnormal olfaction

Affected Gene: Rora

Genomic Alteration: sg

Catalog Number: 3720640

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:6960362](#), [PMID:8577876](#), [PMID:1590727](#), [PMID:11964376](#), [PMID:10696797](#), [PMID:9035249](#), [PMID:16973978](#), [PMID:8297325](#), [PMID:11739287](#), [PMID:8352721](#), [PMID:8346298](#), [PMID:7667406](#), [PMID:7842506](#), [PMID:9851961](#), [PMID:2230805](#), [PMID:1565842](#), [PMID:2231177](#)

Organism Name: Rora^{Sg}/Rora^{Sg}

Record Creation Time: 20240120T190505+0000

Record Last Update: 20240130T201933+0000

Ratings and Alerts

No rating or validation information has been found for Rora^{Sg}/Rora^{Sg}.

No alerts have been found for Rora^{Sg}/Rora^{Sg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.