Resource Summary Report

Generated by dkNET on Sep 17, 2026

129S1.129(Cg)-*Nr0b1*$^{tm1.1Lja}$/Mmmh

RRID:MMRRC_033003-MU
Type: Organism

Proper Citation

RRID:MMRRC_033003-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=33003

Proper Citation: RRID:MMRRC_033003-MU

Description: Mus musculus with name 129S1.129(Cg)-*Nr0b1*$^{tm1.1Lja}$/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Endocrine Deficiency, Models for Human Disease, Reproduction; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal testis morphology [MP:0001146]| small testis [MP:0001147]| Leydig cell hyperplasia [MP:0001152]| seminiferous tubule degeneration [MP:0001154]| abnormal spermatogenesis [MP:0001156]| male infertility [MP:0001925]| abnormal lipid homeostasis [MP:0002118]| Sertoli cell hyperplasia [MP:0002776]| abnormal Leydig cell morphology [MP:0002786]| abnormal Sertoli cell development [MP:0004109]| abnormal efferent ductules of testis morphology [MP:0004728]| absent germ cells [MP:0004806]| decreased testis weight [MP:0004852]| decreased male germ cell number [MP:0004901]| increased testis tumor incidence [MP:0006262]| rete testis obstruction [MP:0006417]| abnormal testis cord formation [MP:0006418]| disorganized testis cords [MP:0006419]| abnormal peritubular myoid cell morphology [MP:0006420]| decreased number of peritubular myoid cells [MP:0006421]| ectopic Leydig cells [MP:0006427]| ectopic Sertoli cells [MP:0006428]| retention of the adrenal gland x-zone [MP:0008297]| dilated seminiferous tubules [MP:0009257]| polyovular ovarian follicle [MP:0009433]| abnormal seminiferous tubule epithelium morphology [MP:0011750]| abnormal fetal Leydig cell differentiation [MP:0013603]

Affected Gene: Nr0b1

Catalog Number: 033003-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:9843206, PMID:11564714, PMID:11356697

Alternate IDs: MMRRC_33003-MU, MMRRC_033003, MMRRC_333

Organism Name: 129S1.129(Cg)-*Nr0b1*$^{tm1.1Lja}$/Mmmh

Record Creation Time: 20230308T055131+0000

Record Last Update: 20260912T134809+0000

Ratings and Alerts

No rating or validation information has been found for 129S1.129(Cg)-*Nr0b1*$^{tm1.1Lja}$/Mmmh.

No alerts have been found for 129S1.129(Cg)-*Nr0b1*$^{tm1.1Lja}$/Mmmh.

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.