Resource Summary Report

Generated by RRID on Aug 3, 2026

129S6.129-*Pex2*^{tm1Plf}/Mmmh

RRID:MMRRC_032099-MU
Type: Organism

Proper Citation

RRID:MMRRC_032099-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32099

Proper Citation: RRID:MMRRC_032099-MU

Description: Mus musculus with name 129S6.129-*Pex2*^{tm1Plf}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Internal/Organ, Metabolism, Models for Human Disease, Neurobiology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased bone mineral density [MP:0000063]| abnormal neurocranium morphology [MP:0000074]| abnormal interparietal bone morphology [MP:0000077]| abnormal frontal bone morphology [MP:0000107]| decreased circulating HDL cholesterol level [MP:0000186]| microcephaly [MP:0000433]| abnormal head movements [MP:0000436]| abnormal liver morphology [MP:0000598]| abnormal liver physiology [MP:0000609]| cholestasis [MP:0000610]| decreased brain size [MP:0000774]| abnormal stratification in cerebral cortex [MP:0000790]| abnormal cerebellum morphology [MP:0000849]| small cerebellum [MP:0000852]| abnormal cerebellar foliation [MP:0000857]| abnormal cerebellum external granule cell layer morphology [MP:0000872]| abnormal Purkinje cell morphology [MP:0000877]| abnormal cerebellar granule layer morphology [MP:0000886]| hypoactivity [MP:0001402]| abnormal gait [MP:0001406]| aphagia [MP:0001438]| trunk curl [MP:0001512]| limb grasping [MP:0001513]| impaired balance [MP:0001525]| abnormal circulating free fatty acids level [MP:0001553]| postnatal growth retardation [MP:0001732]| abnormal motor capabilities/coordination/movement [MP:0002066]| abnormal kidney physiology [MP:0002136]| hepatic steatosis [MP:0002628]| delayed intramembranous bone ossification [MP:0003420]| decreased cholesterol level [MP:0003983]| abnormal bile composition [MP:0004773]| decreased circulating cholesterol level [MP:0005179]| abnormal brain white matter morphology [MP:0008026]| abnormal adrenal cortex morphology [MP:0008288]| decreased embryo weight [MP:0009429]| decreased liver cholesterol level [MP:0010026]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011088]| neonatal lethality [MP:0020137]

Affected Gene: Pex2

Catalog Number: 032099-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:9382874, PMID:12746876, PMID:19110480

Alternate IDs: MMRRC_32099-MU, MMRRC_032099, MMRRC_3299

Organism Name: 129S6.129-*Pex2*^{tm1Plf}/Mmmh

Record Creation Time: 20230308T055126+0000

Record Last Update: 20260801T124234+0000

Ratings and Alerts

No rating or validation information has been found for 129S6.129-*Pex2*^{tm1Plf}/Mmmh.

No alerts have been found for 129S6.129-*Pex2*^{tm1Plf}/Mmmh.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Parsons BD, et al. (2024) Peroxisome deficiency underlies failures in hepatic immune cell development and antigen presentation in a severe Zellweger disease model. Cell reports, 43(2), 113744.