

Resource Summary Report

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B6.Cg-Pex1^{tm1.1Sjms}/Mmjax

RRID:MMRRC_037405-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037405-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37405

Proper Citation: RRID:MMRRC_037405-JAX

Description: Mus musculus with name B6.Cg-Pex1^{tm1.1Sjms}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Metabolism, Models for Human Disease, Neurobiology, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: cholestasis [MP:0000610]| decreased body weight [MP:0001262]| postnatal growth retardation [MP:0001732]| premature death [MP:0002083]| hepatic steatosis [MP:0002628]| bile duct proliferation [MP:0003255]| abnormal rod electrophysiology [MP:0004021]| abnormal cone electrophysiology [MP:0004022]| increased fatty acid level [MP:0005281]| decreased fatty acid level [MP:0005282]| increased saturated fatty acid level [MP:0005284]| abnormal intestinal lipid absorption [MP:0005342]| abnormal bile salt homeostasis [MP:0005365]| abnormal circulating phospholipid level [MP:0006084]| retinal cone cell degeneration [MP:0008444]| abnormal retinal rod cell outer segment morphology [MP:0008456]

Affected Gene: Pex1

Catalog Number: 037405-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_37405-JAX, MMRRC_037405, MMRRC_3745

Organism Name: B6.Cg-Pex1^{tm1.1Sjms}/Mmjax

Record Creation Time: 20230308T055150+0000

Record Last Update: 20260801T124350+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Pex1*^{tm1.1Sjms}/Mmjax.

No alerts have been found for B6.Cg-*Pex1*^{tm1.1Sjms}/Mmjax.

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 [NIF](#) .

Demaret T, et al. (2020) Longitudinal study of Pex1-G844D NMRI mouse model: A robust pre-clinical model for mild Zellweger spectrum disorder. Biochimica et biophysica acta. Molecular basis of disease, 1866(11), 165900.