

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Lrp8^{tm1Her}](#)/[Lrp8^{tm1Her}](#)

RRID:MGI:2182097

Type: Organism

Proper Citation

RRID:MGI:2182097

Organism Information

URL:

Proper Citation: RRID:MGI:2182097

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

Species: Mus musculus

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

Phenotype: kinked sperm flagellum, abnormal sperm midpiece morphology, abnormal sperm physiology, coiled sperm flagellum, abnormal cell death, abnormal cerebral cortex morphology, abnormal dentate gyrus morphology, abnormal hippocampus layer morphology, abnormal sperm mitochondrial sheath morphology, abnormal sperm flagellum morphology, small cerebellum, abnormal Purkinje cell morphology, male infertility, abnormal brain development, abnormal contextual conditioning behavior, abnormal spatial learning, abnormal spermatogenesis, asthenozoospermia, male infertility, reduced cerebellar foliation, abnormal neuronal migration, hairpin sperm flagellum, abnormal dentate gyrus morphology

Affected Gene: Lrp8

Genomic Alteration: tm1Her

Catalog Number: 2182097

Background: involves: 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10380922](#), [PMID:16481437](#), [PMID:16102539](#), [PMID:12695510](#), [PMID:17174920](#)

Organism Name: Lrp8^{tm1Her}/Lrp8^{tm1Her}

Record Creation Time: 20240120T190749+0000

Record Last Update: 20240130T202107+0000

Ratings and Alerts

No rating or validation information has been found for Lrp8^{tm1Her}/Lrp8^{tm1Her}.

No alerts have been found for Lrp8^{tm1Her}/Lrp8^{tm1Her}.

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.