

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

[Oprl^{tm1Hta}/Oprl^{tm1Hta}](#)

RRID:MGI:3055961

Type: Organism

Proper Citation

RRID:MGI:3055961

Organism Information

URL:

Proper Citation: RRID:MGI:3055961

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

Species: Mus musculus

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

Phenotype: increased dopamine level, decreased chemically-elicited antinociception, enhanced long term potentiation, abnormal learning/memory/conditioning, abnormal chemical nociception, decreased thermal nociceptive threshold, impaired behavioral response to morphine, abnormal touch/ nociception, abnormal chemical nociception, abnormal response to new environment, increased susceptibility to noise-induced hearing loss, abnormal spatial learning, abnormal passive avoidance behavior

Affected Gene: Oprl1

Genomic Alteration: tm1Hta

Catalog Number: 3055961

Background: involves: 129S4/SvJae * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9660760](#), [PMID:12814369](#), [PMID:9707118](#), [PMID:15030410](#), [PMID:11027224](#), [PMID:9155012](#)

Organism Name: Oprl1^{tm1Hta}/Oprl1^{tm1Hta}

Record Creation Time: 20240120T190648+0000

Record Last Update: 20240130T202128+0000

Ratings and Alerts

No rating or validation information has been found for Oprl1^{tm1Hta}/Oprl1^{tm1Hta}.

No alerts have been found for Oprl1^{tm1Hta}/Oprl1^{tm1Hta}.

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.