

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

[Ophn1^{tm1Bill}](#)

RRID:MGI:3758489

Type: Organism

Proper Citation

RRID:MGI:3758489

Organism Information

URL:

Proper Citation: RRID:MGI:3758489

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

Species: Mus musculus

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

Phenotype: increased brain size, abnormal response to novelty, abnormal excitatory postsynaptic potential, abnormal dendrite morphology, increased exploration in new environment, increased thigmotaxis, abnormal behavior, premature death, thin cerebral cortex, hyperactivity, decreased anxiety-related response, dilated third ventricle, decreased aggression towards mice, abnormal aggression-related behavior, hydrocephaly, dilated lateral ventricles, abnormal spatial learning

Affected Gene: Ophn1

Genomic Alteration: tm1Bill

Catalog Number: 3758489

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17728457](#)

Organism Name: Ophn1^{tm1Bill}

Record Creation Time: 20240120T190459+0000

Record Last Update: 20240130T201930+0000

Ratings and Alerts

No rating or validation information has been found for Ophn1^{tm1Bill}.

No alerts have been found for Ophn1^{tm1Bill}.

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.