

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Eif4h](#)[Gt\(Ex279\)Byg](#)/[Eif4h](#)[Gt\(Ex279\)Byg](#)

RRID:MGI:5314953

Type: Organism

Proper Citation

RRID:MGI:5314953

Organism Information

URL:

Proper Citation: RRID:MGI:5314953

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: decreased total body fat amount, maternal effect, decreased neuron number, decreased cranium width, muscle fatigue, decreased litter size, postnatal growth retardation, reduced female fertility, small cerebellum, decreased corpus callosum size, abnormal brainstem morphology, decreased inguinal fat pad weight, abnormal dendritic spine morphology, abnormal muscle morphology, abnormal skeleton morphology, decreased brain size, decreased body weight, decreased body size, decreased body length, abnormal spatial working memory, abnormal cerebral hemisphere morphology, abnormal cranium size, abnormal dendrite morphology, induced hyperactivity, behavior/neurological phenotype, male infertility, impaired cued conditioning behavior, enlarged lateral ventricles

Affected Gene: Eif4h

Genomic Alteration: Gt(Ex279)Byg

Catalog Number: 5314953

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22234171](#)

Organism Name: Eif4h^{Gt(Ex279)Byg}/Eif4h^{Gt(Ex279)Byg}

Record Creation Time: 20240120T190153+0000

Record Last Update: 20240130T201745+0000

Ratings and Alerts

No rating or validation information has been found for Eif4h^{Gt(Ex279)Byg}/Eif4h^{Gt(Ex279)Byg}.

No alerts have been found for Eif4h^{Gt(Ex279)Byg}/Eif4h^{Gt(Ex279)Byg}.

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.