

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 3, 2026

[Hgsnat^{tm1a\(EUCOMM\)Wtsi}](#)/[Hgsnat^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:5806128

Type: Organism

Proper Citation

RRID:MGI:5806128

Organism Information

URL:

Proper Citation: RRID:MGI:5806128

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

Species: Mus musculus

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

Phenotype: enlarged spleen, abnormal hepatocyte morphology, abnormal cerebral cortex morphology, abnormal enzyme/coenzyme activity, increased circulating alanine transaminase level, abnormal glycosaminoglycan level, abnormal lysosome morphology, abnormal mitochondrion morphology, increased liver weight, increased spleen weight, premature death, abnormal Kupffer cell morphology, abnormal bronchus epithelium morphology, abnormal Purkinje cell morphology, abnormal nervous system morphology, abnormal mitochondrial crista morphology, abnormal CNS glial cell morphology, enlarged liver, hypoactivity, increased anxiety-related response, microgliosis, astrogliosis, abnormal proximal convoluted tubule morphology, increased blood urea nitrogen level, abnormal ventricle myocardium morphology

Affected Gene: Hgsnat

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 5806128

Background: involves: C57BL/6N * C57BL/6NTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:27491071](#)

Organism Name: Hgsnat^{tm1a(EUCOMM)Wtsi}/Hgsnat^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T185848+0000

Record Last Update: 20240130T201552+0000

Ratings and Alerts

No rating or validation information has been found for Hgsnat^{tm1a(EUCOMM)Wtsi}/Hgsnat^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Hgsnat^{tm1a(EUCOMM)Wtsi}/Hgsnat^{tm1a(EUCOMM)Wtsi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Marc?? S, et al. (2016) Progressive neurologic and somatic disease in a novel mouse model of human mucopolysaccharidosis type IIIC. Disease models & mechanisms, 9(9), 999.