

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Hcst^{tm1.1Dnax}/Hcst^{tm1.1Dnax}](#)

RRID:MGI:3843519

Type: Organism

Proper Citation

RRID:MGI:3843519

Organism Information

URL:

Proper Citation: RRID:MGI:3843519

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

Species: Mus musculus

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

Phenotype: abnormal NK T cell physiology, impaired natural killer cell mediated cytotoxicity, immune system phenotype, abnormal NK T cell physiology, ascites, abnormal response to infection, increased spleen weight, increased interleukin-4 secretion, increased susceptibility to experimental autoimmune encephalomyelitis, increased interferon-gamma secretion, decreased metastatic potential, decreased interferon-gamma secretion, decreased tumor growth/size, increased sensitivity to induced morbidity/mortality, decreased incidence of tumors by chemical induction

Affected Gene: Hcst

Genomic Alteration: tm1.1Dnax

Catalog Number: 3843519

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17100879](#), [PMID:19332875](#)

Organism Name: Hcst^{tm1.1Dnax}/Hcst^{tm1.1Dnax}

Record Creation Time: 20240120T190342+0000

Record Last Update: 20240130T201846+0000

Ratings and Alerts

No rating or validation information has been found for Hcst^{tm1.1Dnax}/Hcst^{tm1.1Dnax}.

No alerts have been found for Hcst^{tm1.1Dnax}/Hcst^{tm1.1Dnax}.

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.