

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Hesx1^{tm1lcar}/Hesx1^{tm1lcar}](#)

RRID:MGI:2175062

Type: Organism

Proper Citation

RRID:MGI:2175062

Organism Information

URL:

Proper Citation: RRID:MGI:2175062

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

Species: Mus musculus

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

Phenotype: absent otic vesicle, decreased forebrain size, absent hippocampal commissure, abnormal midbrain-hindbrain boundary development, absent pituitary infundibular stalk, absent Rathke's pouch, abnormal septum pellucidum morphology, microphthalmia, enophthalmos, olfactory bulb hypoplasia, abnormal telencephalon morphology, absent corpus callosum, small vomeronasal organ, anophthalmia, abnormal eye morphology, abnormal telencephalon morphology, absent anterior commissure, abnormal olfactory epithelium morphology, abnormal nasal cavity morphology, abnormal optic vesicle formation, abnormal nasal pit morphology, abnormal hypothalamus morphology, decreased embryonic neuroepithelium thickness, bifurcated Rathke's pouch, abnormal optic cup morphology, abnormal craniofacial morphology, short snout, microcephaly, abnormal telencephalon development, decreased forebrain size, abnormal nasal placode morphology, small embryonic telencephalon, small adenohypophysis, abnormal forebrain development, abnormal frontonasal prominence morphology, anophthalmia, small embryonic telencephalon, postnatal lethality, incomplete penetrance, neonatal lethality, incomplete penetrance

Affected Gene: Hesx1

Genomic Alteration: tm1lcar

Catalog Number: 2175062

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:9620767](#), [PMID:17360769](#), [PMID:19093031](#)

Organism Name: Hesx1^{tm1lcar}/Hesx1^{tm1lcar}

Record Creation Time: 20240120T190759+0000

Record Last Update: 20240130T202113+0000

Ratings and Alerts

No rating or validation information has been found for Hesx1^{tm1lcar}/Hesx1^{tm1lcar}.

No alerts have been found for Hesx1^{tm1lcar}/Hesx1^{tm1lcar}.

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.