

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

STOCK *Lhx4^{tm1Ssp}/Mmmh*

RRID:MMRRC_030090-MU

Type: Organism

Proper Citation

RRID:MMRRC_030090-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30090

Proper Citation: RRID:MMRRC_030090-MU

Description: Mus musculus with name STOCK *Lhx4^{tm1Ssp}/Mmmh* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal motor neuron morphology [MP:0000937]| abnormal abducens nerve morphology [MP:0001070]| abnormal hypoglossal nerve morphology [MP:0001076]| abnormal spinal nerve morphology [MP:0001077]| abnormal lung morphology [MP:0001175]| abnormal blood gas level [MP:0002329]| decreased pituitary hormone level [MP:0003972]| decreased thyroid-stimulating hormone level [MP:0005134]| decreased growth hormone level [MP:0005136]| absent adenohypophysis [MP:0008320]| small adenohypophysis [MP:0008321]| decreased gonadotroph cell number [MP:0008335]| absent gonadotrophs [MP:0008336]| primary atelectasis [MP:0010819]| decreased alveolar lamellar body number [MP:0010890]| perinatal lethality [MP:0011089]| complete penetrance [MP:0013349]| small Rathke's pouch [MP:0013351]| abnormal Rathke's pouch development [MP:0013352]

Affected Gene: Lhx4

Catalog Number: 030090-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:7913017](#), [PMID:16840539](#), [PMID:12183375](#), [PMID:9388186](#), [PMID:8631293](#)

Alternate IDs: MMRRC_30090-MU, MMRRC_030090, MMRRC_39

Organism Name: STOCK *Lhx4^{tm1Ssp}/Mmmh*

Record Creation Time: 20230308T055118+0000

Record Last Update: 20260801T124208+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Lhx4^{tm1Ssp}/Mmmh*.

No alerts have been found for STOCK *Lhx4^{tm1Ssp}/Mmmh*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.