

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

[Hes5^{tm1Fgu}/Hes5^{tm1Fgu}; Emx1^{tm1\(cre\)lto}/Emx1⁺;](#)
[Hes1^{tm1Fgu}/Hes1^{tm1Hojo}](#)

RRID:MGI:3713199

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3713199

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

Species: Mus musculus

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

Phenotype: abnormal neurohypophysis morphology, pituitary gland hypoplasia, increased somatotroph cell number, abnormal pituitary gland development, abnormal pituitary diverticulum morphology, abnormal pituitary infundibular stalk morphology, absent pituitary intermediate lobe, abnormal pituitary gland morphology

Affected Gene: Emx1, Hes1, Hes5

Genomic Alteration: tm1(cre)lto, tm1Hojo, tm1Fgu

Catalog Number: 3713199

Background: involves: 129P2/OlaHsd * 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17426285](#)

Organism Name: Hes5^{tm1Fgu}/Hes5^{tm1Fgu}; Emx1^{tm1(cre)lto}/Emx1⁺; Hes1^{tm1Fgu}/Hes1^{tm1Hojo}

Record Creation Time: 20240120T190519+0000

Record Last Update: 20240130T201941+0000

Ratings and Alerts

No rating or validation information has been found for Hes5^{tm1Fgu}/Hes5^{tm1Fgu}; Emx1^{tm1(cre)lto}/Emx1⁺; Hes1^{tm1Fgu}/Hes1^{tm1Hojo}.

No alerts have been found for Hes5^{tm1Fgu}/Hes5^{tm1Fgu}; Emx1^{tm1(cre)lto}/Emx1⁺; Hes1^{tm1Fgu}/Hes1^{tm1Hojo}.

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.