

# Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Iqsec1<sup>tm1.1Hck</sup>/Iqsec1<sup>tm1.1Hck</sup>](#)

RRID:MGI:4822244

Type: Organism

---

## Proper Citation

RRID:MGI:4822244

---

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4822244

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

**Species:** Mus musculus

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

**Phenotype:** absent long term depression

**Affected Gene:** Iqsec1

**Genomic Alteration:** tm1.1Hck

**Catalog Number:** 4822244

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* C57BL/6 \* SJL

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:20547133](#)

**Organism Name:** Iqsec1<sup>tm1.1Hck</sup>/Iqsec1<sup>tm1.1Hck</sup>

**Record Creation Time:** 20240120T190248+0000

**Record Last Update:** 20240130T201816+0000

---

## Ratings and Alerts

No rating or validation information has been found for Iqsec1<sup>tm1.1Hck</sup>/Iqsec1<sup>tm1.1Hck</sup>.

No alerts have been found for Iqsec1<sup>tm1.1Hck</sup>/Iqsec1<sup>tm1.1Hck</sup>.

---

## 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 [NIF](#) .

Bri??evac D, et al. (2021) The small GTPase Arf6 is dysregulated in a mouse model for fragile X syndrome. Journal of neurochemistry, 157(3), 666.