

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

## [Hps1<sup>ep</sup>/Hps1<sup>ep</sup>](#)

RRID:MGI:3588311

Type: Organism

### Proper Citation

RRID:MGI:3588311

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3588311

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

**Species:** Mus musculus

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

**Phenotype:** decreased platelet ADP level, alveolitis, decreased ear pigmentation, abnormal type II pneumocyte morphology, abnormal lysosome physiology, abnormal melanosome morphology, overexpanded pulmonary alveoli, enlarged alveolar lamellar bodies, decreased tail pigmentation, decreased platelet serotonin level, increased lysosomal enzyme secretion, abnormal iris pigmentation, increased bleeding time, decreased platelet ATP level, increased susceptibility to atherosclerosis, decreased platelet serotonin level, abnormal NK cell physiology

**Affected Gene:** Hps1

**Genomic Alteration:** ep

**Catalog Number:** 3588311

**Background:** B6.C3Fe-Hps1/J

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:12445206](#), [PMID:2369371](#), [PMID:6696991](#), [PMID:12847290](#), [PMID:7089489](#), [PMID:18715234](#), [PMID:15743322](#)

**Organism Name:** Hps1<sup>ep</sup>/Hps1<sup>ep</sup>

**Record Creation Time:** 20240120T190623+0000

**Record Last Update:** 20240130T202018+0000

---

## Ratings and Alerts

No rating or validation information has been found for Hps1<sup>ep</sup>/Hps1<sup>ep</sup>.

No alerts have been found for Hps1<sup>ep</sup>/Hps1<sup>ep</sup>.

---

## 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.