

# Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[HrUSP](#)/[HrUSP](#)

RRID:MGI:3606992

Type: Organism

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## Proper Citation

RRID:MGI:3606992

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3606992

**Description:** Allele Detail: Chemically induced (ENU) This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Chemically induced (ENU) This is a legacy resource.

**Phenotype:** thick skin, hyperkeratosis, thin hypodermis, abnormal dermal layer morphology, dilated hair follicles, hair follicle degeneration, wrinkled skin, thick skin, abnormal skin condition, thick dermal layer, abnormal skin morphology, long toenails, alopecia, dermal cysts, increased susceptibility to autoimmune disorder, abnormal hepatocyte morphology, enlarged inguinal lymph nodes, lymph node medullary cord hyperplasia, enlarged popliteal lymph nodes, abnormal thymus involution, alopecia, decreased IgM level, lymph node inflammation, dermal cysts, abnormal hair follicle morphology, abnormal immunoglobulin level, abnormal lymph node secondary follicle morphology, abnormal skin condition, wrinkled skin, thymus cortex atrophy, long toenails, increased IgG level, glomerulonephritis

**Affected Gene:** Hr

**Genomic Alteration:** USP

**Catalog Number:** 3606992

**Background:** either: (involves: A/J \* BALB/c) or (involves: BALB/c \* C57BL/6) or (involves: BALB/c \* DBA/2)

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:7640630](#), [PMID:15665986](#)

**Organism Name:** Hr<sup>USP</sup>/Hr<sup>USP</sup>

**Record Creation Time:** 20240120T190615+0000

**Record Last Update:** 20240130T202014+0000

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## Ratings and Alerts

No rating or validation information has been found for Hr<sup>USP</sup>/Hr<sup>USP</sup>.

No alerts have been found for Hr<sup>USP</sup>/Hr<sup>USP</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.