Resource Summary Report

Generated by kravitz2 on Aug 26, 2026

HHSE/Hat

RRID:RGD_38676463
Type: Organism

Proper Citation

RRID:RGD_38676463

Organism Information

URL: https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=38676463

Proper Citation: RRID:RGD_38676463

Description: Rattus norvegicus with name HHSE/Hat from RGD.

Species: Rattus norvegicus

Notes: HHSE/Hat was derived from Hirosaki hairless rat (HHR) and Hirosaki small-eye rat (HiSER), which are Sprague-Dawley rat (SDR)mutant lines. HHR was established in 1984 as a spontaneous mutant of SDR that has been inbred in Department of Biochemistry and Genome Biology Hirosaki University Graduate School of Medicine. Whole body shows hypotrichosis, abnormal differentiation of thymus, and regressed mammary gland in females. These mutations are autosomal recessive and are suggested to be due to deletion of the keratin gene cluster and the lectin-like receptor gene Ly49s3. HiSER was established in 2013 as a spontaneous mutant of Sprague-Dawley rat maintained in our course in the same way as HHR/Hat. This mutant strain has retinal detachment and the disease is progressively exacerbated. The muation is autosomal recessive and is suggested to be due to deletion of the crystallin gene Cryba1. The mutations in HHR and HiSER are on different chromosomes and do not affect each other. The mutations in HHR and HiSER are on different chromosomes and do not affect each other. National BioResource Project for the Rat in Japan ;Depart of Biochemistry and Genome Biology, Hirosaki Univer-sity School of Medicine

Catalog Number: 38676463

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo; Cryopreserved Sperm (as of 2020-09-18)

Alternate IDs: 38676463

Organism Name: HHSE/Hat

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260815T190720+0000

Ratings and Alerts

No rating or validation information has been found for HHSE/Hat.

No alerts have been found for HHSE/Hat.

Data and Source Information

Source: Integrated Animals

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.