

Resource Summary Report

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

STOCK Aire^{tm5.1(HBEGF/GFP)Mmat/J}

RRID:IMSR_JAX:036497

Type: Organism

Proper Citation

RRID:IMSR_JAX:036497

Organism Information

URL: <https://www.jax.org/strain/036497>

Proper Citation: RRID:IMSR_JAX:036497

Description: Mus musculus with name STOCK Aire^{tm5.1(HBEGF/GFP)Mmat/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: autoimmune regulator; mutant stock: Aire

Affected Gene: autoimmune regulator

Genomic Alteration: targeted mutation 5.1; Mitsuru Matsumoto

Catalog Number: JAX:036497

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Aire^{tm5.1(HBEGF/GFP)Mmat/J}

Record Creation Time: 20250513T053854+0000

Record Last Update: 20260905T044626+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Aire^{tm5.1(HBEGF/GFP)Mmat/J}.

No alerts have been found for STOCK Aire^{tm5.1(HBEGF/GFP)Mmat/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Morimoto J, et al. (2022) Aire suppresses CTLA-4 expression from the thymic stroma to control autoimmunity. Cell reports, 38(7), 110384.