

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

BALB/c-Rag2^{tm1Fwa} Il2rg Sirpa Flt3 Tg(HLA-A/H2-D/B2M)1Bpe/Geno

RRID:IMSR_BRGSF-A2

Type: Organism

Proper Citation

RRID:IMSR_BRGSF-A2

Organism Information

URL: <https://www.genoway.com/catalog/immunodeficient/brgsf-a2-his.htm>

Proper Citation: RRID:IMSR_BRGSF-A2

Description: Mus musculus with name BALB/c-Rag2^{tm1Fwa} Il2rg Sirpa Flt3 Tg(HLA-A/H2-D/B2M)1Bpe/Geno from IMSR.

Species: Mus musculus

Synonyms: C.Cg-Rag2 Sirpa Flt3 Il2rg Tg(HLA-A/H2-D/B2M)1Bpe/Geno

Notes: gene symbol note: recombination activating gene 2|FMS-like tyrosine kinase 3|interleukin 2 receptor; gamma chain|signal-regulatory protein alpha|histocompatibility 2; D region|human major histocompatibility complex; class I; A2.1|beta-2 microglobulin; coisogenic strain|mutant strain: Rag2|Flt3|Il2rg|Sirpa|H2-D|HLA-A2.1|B2m

Affected Gene: recombination activating gene 2|FMS-like tyrosine kinase 3|interleukin 2 receptor; gamma chain|signal-regulatory protein alpha|histocompatibility 2; D region|human major histocompatibility complex; class I; A2.1|beta-2 microglobulin

Genomic Alteration: targeted mutation 1; Frederick W Alt|targeted mutation 1; Ihor R Lemischka|targeted mutation 1; University of Cologne|unknown|transgene insertion 1; Beatrice Perarnau

Catalog Number: BRGSF-A2

Database: genOway

Database Abbreviation: GENO

Availability: live

Organism Name: BALB/c-Rag2^{tm1Fwa} Il2rg Sirpa Flt3 Tg(HLA-A/H2-D/B2M)1Bpe/Geno

Record Creation Time: 20250513T062204+0000

Record Last Update: 20260829T054504+0000

Ratings and Alerts

No rating or validation information has been found for BALB/c-Rag2^{tm1Fwa} Il2rg Sirpa Flt3 Tg(HLA-A/H2-D/B2M)1Bpe/Geno.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human combined T cell and B cell immunodeficiency.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human X-linked severe combined immunodeficiency.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: genOway

Usage and Citation Metrics

We have not found any literature mentions for this resource.