

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Runx1^{tm1\(RUNX1/EVI1\)Kmit}/Runx1⁺](#)

RRID:MGI:3701994

Type: Organism

Proper Citation

RRID:MGI:3701994

Organism Information

URL:

Proper Citation: RRID:MGI:3701994

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal embryonic hematopoiesis, decreased erythrocyte cell number, abnormal megakaryocyte morphology, embryonic lethality during organogenesis, complete penetrance, intraventricular hemorrhage, abnormal myelopoiesis

Affected Gene: Runx1

Genomic Alteration: tm1(RUNX1/EVI1)Kmit

Catalog Number: 3701994

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15914564](#)

Organism Name: Runx1^{tm1(RUNX1/EVI1)Kmit}/Runx1⁺

Record Creation Time: 20240120T190528+0000

Record Last Update: 20240130T201946+0000

Ratings and Alerts

No rating or validation information has been found for Runx1^{tm1(RUNX1/EVI1)Kmit}/Runx1⁺.

No alerts have been found for Runx1^{tm1(RUNX1/EVI1)Kmit}/Runx1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sato T, et al. (2014) Evi1 defines leukemia-initiating capacity and tyrosine kinase inhibitor resistance in chronic myeloid leukemia. *Oncogene*, 33(42), 5028.

Mizuochi C, et al. (2012) Intra-aortic clusters undergo endothelial to hematopoietic phenotypic transition during early embryogenesis. *PloS one*, 7(4), e35763.

Kataoka K, et al. (2011) Evi1 is essential for hematopoietic stem cell self-renewal, and its expression marks hematopoietic cells with long-term multilineage repopulating activity. *The Journal of experimental medicine*, 208(12), 2403.