

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 3, 2026

[Fbxo7^{tm1a\(EUCOMM\)Wtsi}](#)/[Fbxo7^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:6286247

Type: Organism

Proper Citation

RRID:MGI:6286247

Organism Information

URL:

Proper Citation: RRID:MGI:6286247

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

Species: Mus musculus

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

Phenotype: anemia, increased red blood cell distribution width, behavior/neurological phenotype, increased mean corpuscular volume, reticulocytosis, anisocytosis, decreased hemoglobin content, increased mean corpuscular hemoglobin concentration, decreased hematocrit, decreased erythrocyte cell number, increased spleen weight, increased erythroblast number, abnormal reticulocyte cell number, extramedullary hematopoiesis, decreased circulating iron level, increased circulating bilirubin level, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, hyperchromic macrocytic anemia, enlarged spleen, abnormal T cell differentiation, thymus atrophy, increased double-negative T cell number, thymus hypoplasia, male infertility, increased effector memory CD8-positive, alpha-beta T cell number, arrest of spermiogenesis, increased susceptibility to bacterial infection, immotile sperm, increased susceptibility to bacterial infection induced morbidity/mortality, mortality/aging, decreased testis weight, abnormal spermatogenesis, oligozoospermia, decreased T cell number, increased erythrocyte clearance, teratozoospermia, increased activated T cell number, increased memory T cell number, abnormal effector T cell number, increased effector memory CD4-positive, alpha-beta T cell number

Affected Gene: Fbxo7

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 6286247

Background: involves: C57BL/6N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:30840666](#)

Organism Name: Fbxo7^{tm1a}(EUCOMM)Wtsi/Fbxo7^{tm1a}(EUCOMM)Wtsi

Record Creation Time: 20240120T185733+0000

Record Last Update: 20240130T201508+0000

Ratings and Alerts

No rating or validation information has been found for Fbxo7^{tm1a}(EUCOMM)Wtsi/Fbxo7^{tm1a}(EUCOMM)Wtsi.

No alerts have been found for Fbxo7^{tm1a}(EUCOMM)Wtsi/Fbxo7^{tm1a}(EUCOMM)Wtsi.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.