

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[Mpl^{tm1Wsa}/Mpl^{tm1Wsa}; Myb^{Plt4}/Myb^{Plt4}](#)

RRID:MGI:3045897

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3045897

Description: Allele Detail: Chemically induced (ENU), Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU), Targeted This is a legacy resource.

Phenotype: increased spleen red pulp amount, decreased leukocyte cell number, abnormal spleen morphology, abnormal megakaryocyte differentiation, anemia, abnormal definitive hematopoiesis, abnormal thrombopoiesis, thrombocytosis, abnormal erythropoiesis, abnormal spleen B cell follicle morphology

Affected Gene: Mpl, Myb

Genomic Alteration: Plt4, tm1Wsa

Catalog Number: 3045897

Background: involves: 129S1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15071178](#)

Organism Name: Mpl^{tm1Wsa}/Mpl^{tm1Wsa}; Myb^{Plt4}/Myb^{Plt4}

Record Creation Time: 20240120T190656+0000

Record Last Update: 20240130T202037+0000

Ratings and Alerts

No rating or validation information has been found for Mpl^{tm1Wsa}/Mpl^{tm1Wsa}; Myb^{Plt4}/Myb^{Plt4}.

No alerts have been found for Mpl^{tm1Wsa}/Mpl^{tm1Wsa}; Myb^{Plt4}/Myb^{Plt4}.

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.