

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[y\[1\] w\[67c23\]; Mi{PT-GFSTF.2}Mmp2\[MI00489-GFSTF.2\]/SM6a](#)

RRID:BDSC\_60512  
Type: Organism

## Proper Citation

RRID:BDSC\_60512

## Organism Information

**URL:** <https://n2t.net/bdsc:60512>

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**Description:** Drosophila melanogaster with name y[1] w[67c23]; Mi{PT-GFSTF.2}Mmp2[MI00489-GFSTF.2]/SM6a from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Gene Disruption Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

**Affected Gene:** Mmp2, w, y

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 60512

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_60512, BL60512

**Organism Name:** y[1] w[67c23]; Mi{PT-GFSTF.2}Mmp2[MI00489-GFSTF.2]/SM6a

**Record Creation Time:** 20240911T222923+0000

**Record Last Update:** 20260725T195726+0000

## Ratings and Alerts

No rating or validation information has been found for y[1] w[67c23]; Mi{PT-GFSTF.2}Mmp2[MI00489-GFSTF.2]/SM6a.

No alerts have been found for y[1] w[67c23]; Mi{PT-GFSTF.2}Mmp2[MI00489-GFSTF.2]/SM6a.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Winkler B, et al. (2025) Macrophage invasion into the Drosophila brain requires JAK/STAT-dependent MMP activation in the blood-brain barrier. PLoS biology, 23(2), e3003035.

Kanda H, et al. (2019) Degradation of Extracellular Matrix by Matrix Metalloproteinase 2 Is Essential for the Establishment of the Blood-Brain Barrier in Drosophila. iScience, 16, 218.