

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

[mts\[XE-2258\]/CyO, P{ry\[+t7.2\]=sevRas1.V12}FK1](#)

RRID:BDSC_5684

Type: Organism

Proper Citation

RRID:BDSC_5684

Organism Information

URL: <https://n2t.net/bdsc:5684>

Proper Citation: RRID:BDSC_5684

Description: Drosophila melanogaster with name mts[XE-2258]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gerald M. Rubin, University of California, Berkeley

Affected Gene: mts, Ras85D, sev

Genomic Alteration: Chromosome 2

Catalog Number: 5684

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5684, BL5684

Organism Name: mts[XE-2258]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1

Record Creation Time: 20240911T222154+0000

Record Last Update: 20260725T194826+0000

Ratings and Alerts

No rating or validation information has been found for mts[XE-2258]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1.

No alerts have been found for mts[XE-2258]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Tziortzouda P, et al. (2024) PP2A and GSK3 act as modifiers of FUS-ALS by modulating mitochondrial transport. *Acta neuropathologica*, 147(1), 41.

Rui M, et al. (2020) Protein phosphatase PP2A regulates microtubule orientation and dendrite pruning in *Drosophila*. *EMBO reports*, 21(5), e48843.

Gil-Ranedo J, et al. (2019) STRIPAK Members Orchestrate Hippo and Insulin Receptor Signaling to Promote Neural Stem Cell Reactivation. *Cell reports*, 27(10), 2921.

Kim LH, et al. (2019) Protein phosphatase 2A interacts with Verthandi/Rad21 to regulate mitosis and organ development in *Drosophila*. *Scientific reports*, 9(1), 7624.