

# Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

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

RRID:BDSC\_5684

Type: Organism

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### Proper Citation

RRID:BDSC\_5684

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### 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, BDSC:5684, BL5684

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

**Record Creation Time:** 20240911T222154+0000

**Record Last Update:** 20260905T135813+0000

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### 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.

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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 5 mentions in open access literature.

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

Li J, et al. (2024) Nuclear reassembly defects after mitosis trigger apoptotic and p53-dependent safeguard mechanisms in Drosophila. PLoS biology, 22(8), e3002780.

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.