

Resource Summary Report

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

[mwh\[1\] Klp61F\[Mk2\] rho\[ve-1\] red\[1\] e\[*\]/TM6B, Tb\[1\]](#)

RRID:BDSC_32014

Type: Organism

Proper Citation

RRID:BDSC_32014

Organism Information

URL: <https://n2t.net/bdsc:32014>

Proper Citation: RRID:BDSC_32014

Description: Drosophila melanogaster with name mwh[1] Klp61F[Mk2] rho[ve-1] red[1] e[*]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Lawrence Goldstein, University of California, San Diego

Affected Gene: e, Klp61F, mwh, red, rho, Tb

Genomic Alteration: Chromosome 3

Catalog Number: 32014

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32014, BDSC:32014, BL32014

Organism Name: mwh[1] Klp61F[Mk2] rho[ve-1] red[1] e[*]/TM6B, Tb[1]

Record Creation Time: 20240911T222529+0000

Record Last Update: 20260905T140323+0000

Ratings and Alerts

No rating or validation information has been found for mwh[1] Klp61F[Mk2] rho[ve-1] red[1] e[*]/TM6B, Tb[1].

No alerts have been found for mwh[1] Klp61F[Mk2] rho[ve-1] red[1] e[*]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ruiz M, et al. (2021) MK2-Deficient Mice Are Bradycardic and Display Delayed Hypertrophic Remodeling in Response to a Chronic Increase in Afterload. Journal of the American Heart Association, 10(4), e017791.

Privitera L, et al. (2019) The MK2 cascade regulates mGluR-dependent synaptic plasticity and reversal learning. Neuropharmacology, 155, 121.

Phinney BB, et al. (2018) MK2 Regulates Macrophage Chemokine Activity and Recruitment to Promote Colon Tumor Growth. Frontiers in immunology, 9, 1857.

Eales KL, et al. (2014) The MK2/3 cascade regulates AMPAR trafficking and cognitive flexibility. Nature communications, 5, 4701.

Tietz SM, et al. (2014) MK2 and Fas receptor contribute to the severity of CNS demyelination. PloS one, 9(6), e100363.

Damarla M, et al. (2009) Mitogen activated protein kinase activated protein kinase 2 regulates actin polymerization and vascular leak in ventilator associated lung injury. PloS one, 4(2), e4600.

Devries-Seimon T, et al. (2005) Cholesterol-induced macrophage apoptosis requires ER stress pathways and engagement of the type A scavenger receptor. The Journal of cell biology, 171(1), 61.