

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

his-72(cp76[mNeonGreen::3xFlag::his-72]) mpk-1(re172[mpk-1::mKate2::3xFlag]) III.

RRID:WB-STRAIN:WBStrain00051646

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051646

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051646>

Proper Citation: RRID:WB-STRAIN:WBStrain00051646

Description: Caenorhabditis elegans with name his-72(cp76[mNeonGreen::3xFlag::his-72]) mpk-1(re172[mpk-1::mKate2::3xFlag]) III. from WB.

Species: Caenorhabditis elegans

Synonyms: his-72(cp76[mNeonGreen::3xFlag::his-72]) mpk-1(re172[mpk-1::mKate2::3xFlag]) III.

Notes: Green nuclei and ubiquitous cytosolic red expression, typically excluded from nuclei but with activity-dependent translocation into nuclei. Derived in an N2 background. C-terminally tagged mpk-1 is detectable by triplex PCR: mpk-1 genotyping FW: ACCAAAACAACCATGGGCTCG mpk-1 genotyping RV-1: GGTCCAAGTATGGGTGAGCC mpk-1 genotyping RV-2: GGTTCCTCGTATGGCTTTCC Reference: Neal R, et al. (2021). Nuclear translocation of tagged endogenous ERK/MPK-1 MAP Kinase denotes a subset of activation events in C. elegans development. | "Made_by: Neal Rasmussen"

Affected Gene: WBGene00001946(his-72)|WBGene00003401(mpk-1)

Genomic Alteration: WBGene00001946(his-72), WBGene00003401(mpk-1)

Catalog Number: WB-STRAIN:WBStrain00051646

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: his-72(cp76[mNeonGreen::3xFlag::his-72]) mpk-1(re172[mpk-1::mKate2::3xFlag]) III.

Record Creation Time: 20230227T013849+0000

Record Last Update: 20260808T171845+0000

Ratings and Alerts

No rating or validation information has been found for his-72(cp76[mNeonGreen::3xFlag::his-72]) mpk-1(re172[mpk-1::mKate2::3xFlag]) III..

No alerts have been found for his-72(cp76[mNeonGreen::3xFlag::his-72]) mpk-1(re172[mpk-1::mKate2::3xFlag]) III..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.