

Resource Summary Report

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[rab-10\(wy1616\[mScarlet::rab-10\]\) dma-1\(wy1246\[dma-1::GFP\]\) I; hpo-30\(wy1220\) V; wyls910 X.](#)

RRID:WB-STRAIN:WBStrain00063264

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063264

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063264>

Proper Citation: RRID:WB-STRAIN:WBStrain00063264

Description: Caenorhabditis elegans with name rab-10(wy1616[mScarlet::rab-10]) dma-1(wy1246[dma-1::GFP]) I; hpo-30(wy1220) V; wyls910 X. from WB.

Species: Caenorhabditis elegans

Synonyms: rab-10(wy1616[mScarlet::rab-10]) dma-1(wy1246[dma-1::GFP]) I; hpo-30(wy1220) V; wyls910 X.

Notes: Made_by: Rebecca Shi|"wyls910 [ser-2(prom3)::FLP + unc-122p::BFP] X. mScarlet tag inserted into endogenous rab-10 locus. GFP tag inserted into endogenous dma-1 locus. wy1220 is a CRISPR/Cas9-engineered hpo-30(R186A) substitution mutation in the furin cleavage site. Reference: Shi R, et al. 2024 bioRxiv doi: <https://doi.org/10.1101/2024.08.28.608111>

Affected Gene: WBGene00004273(rab-10)|WBGene00011014(hpo-30)|WBGene00011345(dma-1)

Genomic Alteration: WBGene00004273(rab-10), WBGene00011014(hpo-30), WBGene00011345(dma-1)

Catalog Number: WB-STRAIN:WBStrain00063264

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rab-10(wy1616[mScarlet::rab-10]) dma-1(wy1246[dma-1::GFP]) I; hpo-30(wy1220) V; wyls910 X.

Record Creation Time: 20250827T213356+0000

Record Last Update: 20260829T163117+0000

Ratings and Alerts

No rating or validation information has been found for rab-10(wy1616[mScarlet::rab-10]) dma-1(wy1246[dma-1::GFP]) I; hpo-30(wy1220) V; wyls910 X..

No alerts have been found for rab-10(wy1616[mScarlet::rab-10]) dma-1(wy1246[dma-1::GFP]) I; hpo-30(wy1220) V; wyls910 X..

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.