

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

[KK1254](#)

RRID:WB-STRAIN:WBStrain00023585

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00023585

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023585>

Proper Citation: RRID:WB-STRAIN:WBStrain00023585

Description: Caenorhabditis elegans with name par-2(it315[mCherry::par-2]) III. from WB.

Species: Caenorhabditis elegans

Synonyms: par-2(it315[mCherry::par-2]) III.

Notes: par-2(it315) exhibits a weak maternal effect sterility, suggesting that the tag reduces the protein activity. Note, however, that double homozygous mutants of it315 with pkc-3(it309) or par-6(it310) exhibited partially penetrant and variable maternal effect lethality and maternal effect sterility that was stronger than it315 alone. Thus, although the GFP tags on pkc-3 and par-6 show no effect in an otherwise wild-type background, they do seem to somewhat compromise the activity of the proteins they tag. Made in N2 background.|"Supplementary_genotype par-2(it315[mCherry::par-2]) III"

Affected Gene: WBGene00003917(par-2)

Genomic Alteration: WBGene00003917(par-2)

Catalog Number: WB-STRAIN:WBStrain00023585

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37729912](#), [PMID:39652540](#)

Alternate IDs: WB-STRAIN:KK1254, CGC_KK1254

Organism Name: KK1254

Record Creation Time: 20230227T013516+0000

Record Last Update: 20260815T162918+0000

Ratings and Alerts

No rating or validation information has been found for KK1254.

No alerts have been found for KK1254.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Rodrigues NTL, et al. (2024) Quantitative perturbation-phenotype maps reveal nonlinear responses underlying robustness of PAR-dependent asymmetric cell division. PLoS biology, 22(12), e3002437.

Koch LA, et al. (2023) Multiple pathways for reestablishing PAR polarity in C.??elegans embryo. Developmental biology, 500, 40.