Resource Summary Report

Generated by nidm-terms on Jul 29, 2026

klp-15(ok1958) aspm-1(syb1260[gfp::aspm-1]) klp-16(or1952) /tmC18[dpy-5(tmIs1236)] I; ltIs37[pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV

RRID:WB-STRAIN:WBStrain00050674
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00050674

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00050674

Proper Citation: RRID:WB-STRAIN:WBStrain00050674

Description: Caenorhabditis elegans with name klp-15(ok1958) aspm-1(syb1260[gfp::aspm-1]) klp-16(or1952) /tmC18[dpy-5(tmIs1236)] I; ltIs37[pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV from WB.

Species: Caenorhabditis elegans

Synonyms: klp-15(ok1958) aspm-1(syb1260[gfp::aspm-1]) klp-16(or1952) /tmC18[dpy-5(tmIs1236)] I; ltIs37[pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV

Notes: itIs37 [pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV. ruIs57 [pie-1p::GFP::tubulin + unc-119(+)]. GFP tag inserted into endogenous aspm-1 locus. tmC18 balancer marked with myo-2p::mCherry and Dpy. Heterozygotes are wild-type with pharyngeal mCherry, and segregate mCherry+ heterozygotes, tmC18 homozygotes (mCherry+ Dpy) and non-mCherry triple mutant homozygotes. Homozygous triple mutants are fertile but produced reduced brood sizes with highly penetrant embryonic lethality; will also segregate some males. Reference: Chuang CH, et al., Biology Open 2020 9: bio052308 doi: 10.1242/bio.052308 Published 25 June 2020|"ltIs37 [pie-1p::mCherry::his-58 + unc-119(+)] IV. ruIs57 [pie-1p::GFP::tubulin + unc-119(+)]. GFP tag inserted into endogenous aspm-1 locus. tmC18 balancer marked with myo-2p::mCherry and Dpy. Heterozygotes are wild-type with pharyngeal mCherry, and segregate mCherry+ heterozygotes, tmC18 homozygotes (mCherry+ Dpy) and non-mCherry triple mutant homozygotes. Homozygous triple mutants are fertile but produced reduced brood sizes with highly penetrant embryonic lethality; will also segregate some males. [NOTE: the ltIs37 [pie-1p::mCherry::his-58 + unc-119(+)] IV transgene was previously annotated as itIs37 in this strain. The correct name of the transgene is ltIs37 and not itIs37.] Reference:

Chuang CH, et al., Biology Open 2020 9: bio052308 doi: 10.1242/bio.052308 Published 25 June 2020"

Affected Gene: WBGene00001067(dpy-5)|WBGene00002225(klp-15)|WBGene00002226(klp-16)|WBGene00004027(pie-1)|WBGene00006843(unc-119)|WBGene00008107(aspm-1)

Genomic Alteration: WBGene00001067(dpy-5), WBGene00002225(klp-15), WBGene00002226(klp-16), WBGene00004027(pie-1), WBGene00006843(unc-119), WBGene00008107(aspm-1)

Catalog Number: WB-STRAIN:WBStrain00050674

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: klp-15(ok1958) aspm-1(syb1260[gfp::aspm-1]) klp-16(or1952) /tmC18[dpy-5(tmIs1236)] I; ltIs37[pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV

Record Creation Time: 20230227T013842+0000

Record Last Update: 20260725T172722+0000

Ratings and Alerts

No rating or validation information has been found for klp-15(ok1958) aspm-1(syb1260[gfp::aspm-1]) klp-16(or1952) /tmC18[dpy-5(tmIs1236)] I; ltIs37[pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV.

No alerts have been found for klp-15(ok1958) aspm-1(syb1260[gfp::aspm-1]) klp-16(or1952) /tmC18[dpy-5(tmIs1236)] I; ltIs37[pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV.

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.