

# Resource Summary Report

Generated by [ASWG](#) on Jul 29, 2026

## klp-15(ok1958) klp-16(or1952)/tmC18[dpy-5(tmls1236)] I; ltIs37 IV; ruls57.

RRID:WB-STRAIN:WBStrain00050671

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00050671

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00050671>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00050671

**Description:** Caenorhabditis elegans with name klp-15(ok1958) klp-16(or1952)/tmC18[dpy-5(tmls1236)] I; ltIs37 IV; ruls57. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** klp-15(ok1958) klp-16(or1952)/tmC18[dpy-5(tmls1236)] I; ltIs37 IV; ruls57.

**Notes:** ltIs37 [pie-1p::mCherry::H2B::pie-1 3'UTR + unc-119(+)] IV. ruls57 [pie-1p::GFP::tubulin + unc-119(+)]. 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 klp-15/16 homozygotes. Homozygous double deletion 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. ruls57 [pie-1p::GFP::tubulin + unc-119(+)]. 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 klp-15/16 homozygotes. Homozygous double deletion 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)

**Genomic Alteration:** WBGene00001067(dpy-5), WBGene00002225(klp-15), WBGene00002226(klp-16)

**Catalog Number:** WB-STRAIN:WBStrain00050671

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** klp-15(ok1958) klp-16(or1952)/tmC18[dpy-5(tmIs1236)] I; ltIs37 IV; ruls57.

**Record Creation Time:** 20230227T013842+0000

**Record Last Update:** 20260725T172722+0000

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## Ratings and Alerts

No rating or validation information has been found for klp-15(ok1958) klp-16(or1952)/tmC18[dpy-5(tmIs1236)] I; ltIs37 IV; ruls57..

No alerts have been found for klp-15(ok1958) klp-16(or1952)/tmC18[dpy-5(tmIs1236)] I; ltIs37 IV; ruls57..

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.