

Resource Summary Report

Generated by [ASWG](#) on Aug 15, 2026

hlh-30(syb1452 [hlh-30::3xFLAG::eGFP]) IV.

RRID:WB-STRAIN:WBStrain00051498

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051498

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051498>

Proper Citation: RRID:WB-STRAIN:WBStrain00051498

Description: Caenorhabditis elegans with name hlh-30(syb1452 [hlh-30::3xFLAG::eGFP]) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: hlh-30(syb1452 [hlh-30::3xFLAG::eGFP]) IV.

Notes: 3xFLAG and eGFP tags inserted into the endogenous hlh-30 locus. Superficially wild-type. Diffuse GFP in basal growing conditions and strong nuclear labeling upon diverse stresses like starvation, Staphylococcus aureus infection, arsenite, diethylmaleate, heat shock or levamisole. GFP expression is only visible at high magnification; not discernible with a fluorescence stereoscope. Insertion can be detected by PCR. Forward primer sequence: 5' acgcacgcaactgcttta; Reverse primer (in 3'UTR): 5' aataacctgcgattctgg; Reverse primer (in eGFP): CTTGAAGAAGATGGTACGCTC. Expected products (For&Rev 3'UTR): 910 bp (WT)/1878 bp (syb1452). Expected products (For&Rev eGFP): no band (WT)/811 bp (syb1452). Insertion allele generated by SunyBiotech and out-crossed twice with VZ Lab N2. Reference: Martina JA, et al. EMBO J. 2021 Feb 1;40(3):e105793|"Made_by: SunyBiotech & VZ Lab"

Affected Gene: WBGene00020930(hlh-30)

Genomic Alteration: WBGene00020930(hlh-30)

Catalog Number: WB-STRAIN:WBStrain00051498

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:37749091](#)

Organism Name: hlh-30(syb1452 [hlh-30::3xFLAG::eGFP]) IV.

Record Creation Time: 20230227T013848+0000

Record Last Update: 20260815T163743+0000

Ratings and Alerts

No rating or validation information has been found for hlh-30(syb1452 [hlh-30::3xFLAG::eGFP]) IV..

No alerts have been found for hlh-30(syb1452 [hlh-30::3xFLAG::eGFP]) 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.