

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

bmdSi348 I; bmdSi362 II.

RRID:WB-STRAIN:WBStrain00054723

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054723

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054723>

Proper Citation: RRID:WB-STRAIN:WBStrain00054723

Description: Caenorhabditis elegans with name bmdSi348 I; bmdSi362 II. from WB.

Species: Caenorhabditis elegans

Synonyms: bmdSi348 I; bmdSi362 II.

Notes: bmdSi348 [loxN::rgef-1p::FLP::P2A::H2B::2xmTurq2]; inserted into safe harbor site ttTi4348 in Chr I. bmdSi362 [loxN::rpl-28p::FRT3-LCK::mNG-STOP::FRT3::TIR1(F79G)::2A::PH::2xmKate2]; inserted into safe harbor site ttTi5605 in Chr II. FLP-ON::TIR1 system for AID-tagged protein degradation in neurons. High levels of TIR1(F79G) expression in neurons by rgef-1p::FLP with co-expression of membrane markers. bmdSi362 contains the ubiquitous rpl-28 promoter driving expression of FRT3-LCK::mNG-STOP::FRT3::TIR1(F79G)::2A::PH::2xmKate2 construct dependent upon tissue-specific FLPase. High levels of TIR1(F79G) can be expressed in specific tissue or cell types via FLPase activity, allowing spatiotemporally-targeted degradation of AID-tagged proteins. Reference: Xiao Y, et al. An expandable FLP-ON::TIR1 system for precise spatiotemporal protein degradation in C. elegans. bioRxiv 2022.10.14.512315; doi: <https://doi.org/10.1101/2022.10.14.512315>; Made_by: Matus Lab"

Catalog Number: WB-STRAIN:WBStrain00054723

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: bmdSi348 I; bmdSi362 II.

Record Creation Time: 20240716T202604+0000

Record Last Update: 20260829T162840+0000

Ratings and Alerts

No rating or validation information has been found for bmdSi348 I; bmdSi362 II..

No alerts have been found for bmdSi348 I; bmdSi362 II..

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.