

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

XE1220

RRID:WB-STRAIN:WBStrain00040647

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040647

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040647>

Proper Citation: RRID:WB-STRAIN:WBStrain00040647

Description: Caenorhabditis elegans with name wpEx76. from WB.

Species: Caenorhabditis elegans

Synonyms: wpEx76.

Notes: wpEx76 [myo-3p::tom20::tdKillerRed + unc-122p::GFP]. Pick GFP+ to maintain. KillerRed is a red fluorescent protein and photosensitizer that efficiently generates reactive oxygen species (ROS) when activated by light. wpEx76 carries a tandem dimer version of KillerRed targeted to the mitochondria by the addition of a tom-20 targeting sequence (mito-tdKillerRed). Reference: Williams DC, et al. Cell Rep. 2013 Oct 31;5(2):553-63.

Catalog Number: WB-STRAIN:WBStrain00040647

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:XE1220, CGC_XE1220

Organism Name: XE1220

Record Creation Time: 20230227T013726+0000

Record Last Update: 20260919T180917+0000

Ratings and Alerts

No rating or validation information has been found for XE1220.

No alerts have been found for XE1220.

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.