

Resource Summary Report

Generated by [Kravitz](#) on Sep 21, 2026

OH10053

RRID:WB-STRAIN:WBStrain00029588

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029588

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029588>

Proper Citation: RRID:WB-STRAIN:WBStrain00029588

Description: Caenorhabditis elegans with name unc-119(ed3) III; sox-2(ot640[unc-119(+)] X; otEx4454. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(ed3) III; sox-2(ot640[unc-119(+)] X; otEx4454.

Notes: otEx4454 [sox-2(fosmid)::mCherry + elt-2p::DsRed]. ot640 was generated by using MosDel removing the entire sox-2 locus and insert unc-119(+). ot640 homozygous arrest in L1 with a pharynx unattached (Pun) phenotype. Maintain by picking WT DsRed+ to maintain. Reference: Vidal B, et al. Development. 2015 Jul 15;142(14):2464-77." otEx4454 [sox-2(fosmid)::mCherry + elt-2p::DsRed]. ot640 was generated by using MosDel removing the entire sox-2 locus and insert unc-119(+). ot640 homozygous arrest in L1 with a pharynx unattached (Pun) phenotype. Maintain by picking WT to maintain (transgene should be required for viability). Reference: Vidal B, et al. Development. 2015 Jul 15;142(14):2464-77."

Affected Gene: WBGene00004949(sox-2)|WBGene00006843(unc-119)

Genomic Alteration: WBGene00004949(sox-2), WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00029588

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:OH10053, CGC_OH10053

Organism Name: OH10053

Record Creation Time: 20230227T013602+0000

Record Last Update: 20260919T180636+0000

Ratings and Alerts

No rating or validation information has been found for OH10053.

No alerts have been found for OH10053.

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.