

Resource Summary Report

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

OEB800

RRID:WB-STRAIN:WBStrain00029256

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029256

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029256>

Proper Citation: RRID:WB-STRAIN:WBStrain00029256

Description: Caenorhabditis elegans with name tmem-107(oq100) I. from WB.

Species: Caenorhabditis elegans

Synonyms: tmem-107(oq100) I.

Notes: F39B2.9/TMEM-107 has been shown to control the localization of 4 peripheral ciliary transition zone proteins. tmem-107(oq100); nphp-4(tm925) double mutants display ultra-structural malformations in ciliary transition zones, and exhibit sensory abnormalities including roaming, chemoattractant, and dye-filling defects. TRAM-1::tdTomato leaks into cilia in oq100 mutants. Genotyping primers: Forward cgcggttcttctgttctt, Reverse wildtype gagatcgagacggcgacg, Reverse oq100 gaaaaacaacgtggaagtcca. Reference: Lambacher NJ, et al. Nat Cell Biol. 2016 Jan;18(1):122-31.

Affected Gene: WBGene00043308(tmem-107)

Genomic Alteration: WBGene00043308(tmem-107)

Catalog Number: WB-STRAIN:WBStrain00029256

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:OEB800, CGC_OEB800

Organism Name: OEB800

Record Creation Time: 20230227T013559+0000

Record Last Update: 20260919T180631+0000

Ratings and Alerts

No rating or validation information has been found for OEB800.

No alerts have been found for OEB800.

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.