

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

IA285

RRID:TSC_SD01517

Type: Organism

Proper Citation

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Organism Information

URL: <https://sites.wustl.edu/tetrahymena/finding-strains/>

Proper Citation: RRID:TSC_SD01517

Description: Tetrahymena thermophila with name IA285 from TSC.

Species: Tetrahymena thermophila

Notes: Pleiotropic: elongated phenotype with development of large oral-replacement or misplaced cell division oral primordia, especially in rich medium, at 39o C. Also frequent abnormal internal organization of oral structures, and fission arrest. The only known mutant allele of this gene, located on chromosome 3R. This is the most highly pleiotropic of the PSM mutant genes. Submitted by Joseph Frankel, University of Iowa

Affected Gene: PSMD (pseudomacrostome D)

Catalog Number: SD01517

Background: psmD1/psmD-1 (psmD-1, III)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:6491585](#), [PMID:18658256](#)

Organism Name: IA285

Record Creation Time: 20230308T214035+0000

Record Last Update: 20260905T173625+0000

Ratings and Alerts

No rating or validation information has been found for IA285.

No alerts have been found for IA285.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: TSC, Tetrahymena Stock Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.