

# Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

## IA285

RRID:TSC\_SD01517

Type: Organism

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### Proper Citation

RRID:TSC\_SD01517

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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 (pseudomacroscome 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

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### Ratings and Alerts

No rating or validation information has been found for IA285.

No alerts have been found for IA285.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** TSC, Tetrahymena Stock Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.