

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

IA107

RRID:TSC_SD01510

Type: Organism

Proper Citation

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Organism Information

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

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Description: Tetrahymena thermophila with name IA107 from TSC.

Species: Tetrahymena thermophila

Notes: Partial failure to form a fission zone (39o C.) Fully penetrant at 39o C, but expressivity is far weaker than that of cdaA-1 at 39o, and instead resembles that of cdaA-1 at 35o C: dorsal ciliary rows remain continuous while ventral rows become subdivided, and a partial division furrow forms. Allelic to cdaA-1 (IA-104). The published phenotypic analysis was carried out on a different homozygous cdaA-2/cdaA-2 clone that is now extinct. Submitted by Joseph Frankel, University of Iowa

Affected Gene: CDAA (cell division arrest A) Originally published as mo1^b

Catalog Number: SD01510

Background: cdaA-2/cdaA-2 (cdaA-2, III)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:821816](#), [PMID:407114](#)

Organism Name: IA107

Record Creation Time: 20230308T214034+0000

Record Last Update: 20260801T234431+0000

Ratings and Alerts

No rating or validation information has been found for IA107.

No alerts have been found for IA107.

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.