

# Resource Summary Report

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

## pBBN-CDC2 5'UTR™ 727-GFP (2)

RRID:TSC\_SD02823

Type: Organism

### Proper Citation

RRID:TSC\_SD02823

### Organism Information

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

**Proper Citation:** RRID:TSC\_SD02823

**Description:** Tetrahymena thermophila with name pBBN-CDC2 5'UTR™ 727-GFP (2) from TSC.

**Species:** Tetrahymena thermophila

**Notes:** Complete somatic transformant of CU522 cells. Construct was pBBN-CDC2: BTU1 5'UTR™(600bp from 400-1000bp upstream of BTU1 ATG)--Neo3--CDC2 5'UTR™ flanking 946 bp immediately upstream of ATG--GFP coding- -1.4 Kb BTU1 3'UTR™. BTU1 promoter was deleted. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

**Affected Gene:** CDC2 (TTHERM\_01207660)

**Genomic Alteration:** Macronucleus: BTU1 locus replaced by far 5'UTR™BTU1 5'UTR™--neo3--CDC2 5'UTR™ flanking 946 bp immediately upstream of ATG--GFP coding--BTU1 3'UTR™

**Catalog Number:** SD02823

**Background:** btu1-1[K350M]/ btu1-1[K350M] (BTU1 locus replaced by far 5'UTR™BTU1 5'UTR™--neo3--CDC2 5'UTR™ flanking 946bp immediately upstream of ATG--GFP coding--BTU1 3'UTR™; pm-r with Cd+2; tax-r, ?)

**Database:** TSC, Tetrahymena Stock Center

**Database Abbreviation:** TSC

**Source References:** [PMID:15870266](#), [PMID:17194754](#)

**Organism Name:** pBBN-CDC2 5'UTR™ 727-GFP (2)

**Record Creation Time:** 20230308T214034+0000

**Record Last Update:** 20260905T173624+0000

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## Ratings and Alerts

No rating or validation information has been found for pBBN-CDC2 5'Â€Â™ 727-GFP (2).

No alerts have been found for pBBN-CDC2 5'Â€Â™ 727-GFP (2).

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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.