

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 1, 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/>

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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: 20260725T231414+0000

Ratings and Alerts

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

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

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.