

# Resource Summary Report

Generated by [dkNET](#) on Aug 13, 2026

## TMBETA-GENOME- Annotation of Beta-Barrel Membrane Proteins in Genomic Sequences

RRID:SCR\_005538

Type: Tool

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### Proper Citation

TMBETA-GENOME- Annotation of Beta-Barrel Membrane Proteins in Genomic Sequences (RRID:SCR\_005538)

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### Resource Information

**URL:** <http://tmbeta-genome.cbrc.jp/annotation/>

**Proper Citation:** TMBETA-GENOME- Annotation of Beta-Barrel Membrane Proteins in Genomic Sequences (RRID:SCR\_005538)

**Description:** A collection of amino acid sequences for all the completed genomes and the annotated trans beta-barrel membrane proteins (TMBs) using different discrimination algorithms. For each genome, the calculations have been performed with statistical methods and machine learning techniques and the results are accumulated in the database. TMBETA-GENOME has the feasibility of selecting the organism from the three kingdoms of life, archaea, bacteria and eukaryote. Further, users have the option to select any of the methods or their combinations, and display the results with/without amino acid sequence information.

**Synonyms:** TMBETA-GENOME

**Resource Type:** data or information resource, database

**Resource Name:** TMBETA-GENOME- Annotation of Beta-Barrel Membrane Proteins in Genomic Sequences

**Resource ID:** SCR\_005538

**Alternate IDs:** nif-0000-03564

**Record Creation Time:** 20220129T080230+0000

**Record Last Update:** 20260811T043234+0000

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### Ratings and Alerts

No rating or validation information has been found for TMBETA-GENOME- Annotation of Beta-Barrel Membrane Proteins in Genomic Sequences.

No alerts have been found for TMBETA-GENOME- Annotation of Beta-Barrel Membrane Proteins in Genomic Sequences.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Yan R, et al. (2015) Prediction of structural features and application to outer membrane protein identification. Scientific reports, 5, 11586.