

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Defensins Knowledgebase

RRID:SCR_007623

Type: Tool

Proper Citation

Defensins Knowledgebase (RRID:SCR_007623)

Resource Information

URL: <http://defensins.bii.a-star.edu.sg/>

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Description: The defensins knowledgebase is a manually curated database and information source devoted to the defensin family of antimicrobial peptides. The current version of the database holds a comprehensive collection of 363 defensin records each containing sequence, structure and activity information. A web-based interface provides access to the information and allows for text-based searching on the data fields. With the rapidly increasing interest in defensins, we hope that the knowledgebase will prove to be a valuable resource in the field of antimicrobial peptide research.

Synonyms: Defensins Knowledgebase

Resource Type: database, data or information resource

Keywords: antimicrobial peptide, defensin

Resource Name: Defensins Knowledgebase

Resource ID: SCR_007623

Alternate IDs: nif-0000-02744

Record Creation Time: 20220129T080242+0000

Record Last Update: 20260808T190410+0000

Ratings and Alerts

No rating or validation information has been found for Defensins Knowledgebase.

No alerts have been found for Defensins Knowledgebase.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ramazi S, et al. (2022) A review on antimicrobial peptides databases and the computational tools. Database : the journal of biological databases and curation, 2022.

Hashemi ZS, et al. (2021) In silico Approaches for the Design and Optimization of Interfering Peptides Against Protein-Protein Interactions. Frontiers in molecular biosciences, 8, 669431.

Prado-Montes de Oca E, et al. (2010) Human beta-defensin 1: a restless warrior against allergies, infections and cancer. The international journal of biochemistry & cell biology, 42(6), 800.

Pisuttharachai D, et al. (2009) Characterization of two isoforms of Japanese spiny lobster *Panulirus japonicus* defensin cDNA. Developmental and comparative immunology, 33(4), 434.