

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 21, 2025

## Defensins Knowledgebase

RRID:SCR\_007623

Type: Tool

---

### Proper Citation

Defensins Knowledgebase (RRID:SCR\_007623)

---

### Resource Information

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

**Proper Citation:** Defensins Knowledgebase (RRID:SCR\_007623)

**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:** data or information resource, database

**Keywords:** antimicrobial peptide, defensin

**Funding:**

**Resource Name:** Defensins Knowledgebase

**Resource ID:** SCR\_007623

**Alternate IDs:** nif-0000-02744

**Record Creation Time:** 20220129T080242+0000

**Record Last Update:** 20250521T061156+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 [FDI Lab - SciCrunch.org](#).

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.