Resource Summary Report

Generated by RRID on Aug 2, 2026

Emboss Water

RRID:SCR_025141
Type: Tool

Proper Citation

Emboss Water (RRID:SCR_025141)

Resource Information

URL: https://www.ebi.ac.uk/jdispatcher/psa/emboss_water

Proper Citation: Emboss Water (RRID:SCR_025141)

Description: EMBOSS Water uses Smith-Waterman algorithm to calculate the local alignment of two sequences. Pairwise sequence alignment. Used for determining protein-to-protein homology.

Resource Type: software resource, data access protocol, web service

Keywords: EMBL-EBI, pairwise sequence alignment, calculate local alignment of two sequences, determining protein-to-protein homology,

Availability: Free, Freely available

Resource Name: Emboss Water

Resource ID: SCR_025141

Alternate IDs: biotools:water-ebi

Alternate URLs: https://bio.tools/water-ebi

Record Creation Time: 20240326T053237+0000

Record Last Update: 20260801T191313+0000

Ratings and Alerts

No rating or validation information has been found for Emboss Water.

No alerts have been found for Emboss Water.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Vergish S, et al. (2025) Rhomboid-mediated cleavage of the immune receptor XA21 protects grain set and male fertility in rice. Proceedings of the National Academy of Sciences of the United States of America, 122(22), e2502025122.

Hisano T, et al. (2025) Complete genome sequence of Thermodesulfovibrio sp. strain TK500a, isolated from Nakabusa Hot Springs, Japan. Microbiology resource announcements, 14(11), e0075625.

Matboli M, et al. (2025) Machine learning-based stratification of prediabetes and type 2 diabetes progression. Diabetology & metabolic syndrome, 17(1), 227.

Hawley HR, et al. (2025) N-terminal oligomerization drives HDAC4 nuclear condensation and neurodevelopmental dysfunction in Drosophila. Open biology, 15(10), 250095.

Andrade-Pav??n D, et al. (2024) Review and Current Perspectives on DNA Topoisomerase I and II Enzymes of Fungi as Study Models for the Development of New Antifungal Drugs. Journal of fungi (Basel, Switzerland), 10(9).