Resource Summary Report

Generated by NIF on Aug 10, 2026

3D-Beacons

RRID:SCR_022919
Type: Tool

Proper Citation

3D-Beacons (RRID:SCR_022919)

Resource Information

URL: https://3d-beacons.org

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Description: Software platform to provide programmatic access to experimentally determined and theoretical protein structures. Provides unified programmatic access to experimentally determined and predicted structure models. Used for open collaboration between providers of macromolecular structure models to provide model coordinates and meta information from all contributing data resources in standardised data format, on unified platform.3D Beacons API retrieves and combines data from member data providers, and returns data in JSON format according to 3D-Beacons API specification.

Synonyms: 3D-Beacons Network

Resource Type: software application, software resource

Keywords: EMBL EBI, programmatic access, experimentally determined and theoretical protein structures, macromolecular structure models collaboration, model coordinates and meta information

Availability: Free, Freely available

Resource Name: 3D-Beacons

Resource ID: SCR_022919

License: CC-BY 4.0

Record Creation Time: 20221025T050158+0000

Record Last Update: 20260810T040826+0000

Ratings and Alerts

No rating or validation information has been found for 3D-Beacons.

No alerts have been found for 3D-Beacons.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Varadi M, et al. (2022) 3D-Beacons: decreasing the gap between protein sequences and structures through a federated network of protein structure data resources. GigaScience, 11.

Tordai H, et al. (2022) Comprehensive Collection and Prediction of ABC Transmembrane Protein Structures in the AI Era of Structural Biology. International journal of molecular sciences, 23(16).