

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

alpha helix coordinate frame simulation

RRID:SCR_019320

Type: Tool

Proper Citation

alpha helix coordinate frame simulation (RRID:SCR_019320)

Resource Information

URL: <https://github.com/GuyButcher/alpha-helix-coordinate-frame-simulation>

Proper Citation: alpha helix coordinate frame simulation (RRID:SCR_019320)

Description: Source code for alpha-helix simulation framework written in Matlab. Specifically tested on Talin-1 Rod Domain.

Synonyms: alpha-helix-coordinate-frame-simulation, alpha-helix coordinate frame simulation framework

Resource Type: source code, software resource

Keywords: talin-1 (human), MATLAB, alpha-helix, simulation framework

Availability: Free, Available for download, Freely available

Resource Name: alpha helix coordinate frame simulation

Resource ID: SCR_019320

License: Apache-2.0 License

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260729T044457+0000

Ratings and Alerts

No rating or validation information has been found for alpha helix coordinate frame simulation.

No alerts have been found for alpha helix coordinate frame simulation.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Butcher GG, et al. (2021) An efficient alpha helix model and simulation framework for stationary electrostatic interaction force estimation. Scientific reports, 11(1), 9053.