

Resource Summary Report

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ProQ3

RRID:SCR_021880

Type: Tool

Proper Citation

ProQ3 (RRID:SCR_021880)

Resource Information

URL: <https://proq3.bioinfo.se/>

Proper Citation: ProQ3 (RRID:SCR_021880)

Description: Improved model quality assessments using Rosetta energy terms. Predictor combines training features from ProQRosCen, ProQRosFA and ProQ2.

Synonyms: Proq3

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

Defining Citation: [DOI:10.1038/srep33509](https://doi.org/10.1038/srep33509)

Keywords: model quality assessments, model quality prediction

Funding: Swedish Research Council ;
Swedish eScience Research Center

Availability: Free, Freely available

Resource Name: ProQ3

Resource ID: SCR_021880

Record Creation Time: 20220421T050137+0000

Record Last Update: 20260813T055246+0000

Ratings and Alerts

No rating or validation information has been found for ProQ3.

No alerts have been found for ProQ3.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Tasleem M, et al. (2023) Pseudomonas putida Metallothionein: Structural Analysis and Implications of Sustainable Heavy Metal Detoxification in Madinah. Toxics, 11(10).

Tasleem M, et al. (2023) An In Silico Bioremediation Study to Identify Essential Residues of Metallothionein Enhancing the Bioaccumulation of Heavy Metals in Pseudomonas aeruginosa. Microorganisms, 11(9).

Philip J, et al. (2022) Cdc6 is sequentially regulated by PP2A-Cdc55, Cdc14, and Sic1 for origin licensing in S. cerevisiae. eLife, 11.

Sharker MR, et al. (2020) Characterization of Insulin-Like Growth Factor Binding Protein-5 (IGFBP-5) Gene and Its Potential Roles in Ontogenesis in the Pacific Abalone, Haliotis discus hannai. Biology, 9(8).

Fu N, et al. (2020) Genes Identification, Molecular Docking and Dynamics Simulation Analysis of Laccases from Amylostereum areolatum Provides Molecular Basis of Laccase Bound to Lignin. International journal of molecular sciences, 21(22).

Oyugi MO, et al. (2018) In Silico Characterization and Structural Modeling of Dermacentor andersoni p36 Immunosuppressive Protein. Advances in bioinformatics, 2018, 7963401.

Gupta CL, et al. (2015) Cross talk between Leishmania donovani CpG DNA and Toll-like receptor 9: an immunoinformatics approach. Biochemical and biophysical research communications, 459(3), 424.

Goyal S, et al. (2014) Sequence based structural characterization and genetic diversity analysis across coding and promoter regions of goat Toll-like receptor 5 gene. Gene, 540(2), 238.

Manavalan B, et al. (2010) Structure-function relationship of cytoplasmic and nuclear I κ B proteins: an in silico analysis. PloS one, 5(12), e15782.

Zhang XW, et al. (2005) Putative structure and function of ORF3 in SARS coronavirus. Theochem, 715(1), 55.

Zhang XW, et al. (2004) The 3D structure analysis of SARS-CoV S1 protein reveals a link to influenza virus neuraminidase and implications for drug and antibody discovery. Theochem, 681(1), 137.