COILS: Prediction of Coiled Coil Regions in Proteins

RRID:SCR_008440
Type: Tool

Proper Citation

COILS: Prediction of Coiled Coil Regions in Proteins (RRID:SCR_008440)

Resource Information

URL: http://www.ch.embnet.org/software/COILS_form.html

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Description: COILS is a program that compares a sequence to a database of known parallel two-stranded coiled-coils and derives a similarity score. By comparing this score to the distribution of scores in globular and coiled-coil proteins, the program then calculates the probability that the sequence will adopt a coiled-coil conformation.

Resource Type: Resource, software resource, software application, data processing software

Keywords: software, prediction, database, sequence, coil, globular, protein, probability, bio.tools

Website Status: Last checked up

Resource Name: COILS: Prediction of Coiled Coil Regions in Proteins

Resource ID: SCR_008440

Alternate IDs: nif-0000-30263, biotools:ncoils

Alternate URLs: https://bio.tools/ncoils

Ratings and Alerts
No rating or validation information has been found for COILS: Prediction of Coiled Coil Regions in Proteins.

No alerts have been found for COILS: Prediction of Coiled Coil Regions in Proteins.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 155 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Chen X, et al. (2020) Identification of RNPC3 as a novel JAK2 fusion partner gene in B-acute lymphoblastic leukemia refractory to combination therapy including ruxolitinib. Molecular genetics & genomic medicine, 8(3), e1110.


Ramaswamy VK, et al. (2018) Insights into the homo-oligomerization properties of N-terminal
coiled-coil domain of Ebola virus VP35 protein. Virus research, 247, 61-70.


