

Resource Summary Report

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DOMINO: Domain peptide interactions

RRID:SCR_002392

Type: Tool

Proper Citation

DOMINO: Domain peptide interactions (RRID:SCR_002392)

Resource Information

URL: <http://mint.bio.uniroma2.it/domino/>

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Description: Open-access database comprising more than 3900 annotated experiments describing interactions mediated by protein-interaction domains. The curation effort aims at covering the interactions mediated by the following domains (SH3, SH2, 14-3-3, PDZ, PTB, WW, EVH, VHS, FHA, EH, FF, BRCT, Bromo, Chromo, GYF). The interactions deposited in DOMINO are annotated according to the PSI MI standard and can be easily analyzed in the context of the global protein interaction network as downloaded from major interaction databases like MINT, INTACT, DIP, MIPS/MPACT. It can be searched with a versatile search tool and the interaction networks can be visualized with a convenient graphic display applet that explicitly identifies the domains/sites involved in the interactions.

Synonyms: DOMINO

Resource Type: data or information resource, database

Defining Citation: [PMID:17135199](#)

Keywords: annotation, protein interaction, protein-interaction domain, sh3, sh2, pdz, 14-3-3, ww

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: DOMINO: Domain peptide interactions

Resource ID: SCR_002392

Alternate IDs: OMICS_01907, nif-0000-02759, r3d100010684

Alternate URLs: <https://doi.org/10.17616/R3K32V>

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260804T043155+0000

Ratings and Alerts

No rating or validation information has been found for DOMINO: Domain peptide interactions.

No alerts have been found for DOMINO: Domain peptide interactions.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Ulv Larsen SM, et al. (2025) Sleep deprivation and sleep intensity exert distinct effects on cerebral vasomotion and brain pulsations driven by the respiratory and cardiac cycles. PLoS biology, 23(11), e3003500.

Kaongampanich N, et al. (2025) Sleep Bruxism in Thai Obstructive Sleep Apnea Patients. International dental journal, 75(2), 777.

Johnn SN, et al. (2025) Data-Driven Chance-Constrained Mixed Integer Nonlinear Bi-level Optimisation Via Copulas: Application To Integrated Planning And Scheduling Problems. Systems & control transactions, 4, 117.

Treccarichi S, et al. (2025) MAN2A2-related glycosylation defects in autism and cognitive delay. Scientific reports, 15(1), 24471.

Saadat A, et al. (2025) Proteome-wide prediction of the mode of inheritance and molecular mechanisms underlying genetic diseases using structural interactomics. iScience, 28(7), 112812.

Wang XW, et al. (2025) A statistical physics approach to integrating multi-omics data for disease-module detection. Cell reports methods, 5(10), 101183.

Halonen R, et al. (2024) REM Sleep Preserves Affective Response to Social Stress-Experimental Study. eNeuro, 11(6).

Gwilliam K, et al. (2024) A cell type-specific approach to elucidate the role of miR-96 in inner ear hair cells. Frontiers in audiology and otology, 2.

Bartolucci ML, et al. (2023) Sleep Bruxism and Orofacial Pain in Patients with Sleep Disorders: A Controlled Cohort Study. Journal of clinical medicine, 12(8).

Nousiainen S, et al. (2023) Whole-exome sequencing reveals candidate high-risk susceptibility genes for endometriosis. *Human genomics*, 17(1), 88.

Purple RJ, et al. (2023) Phenotypic divergence in sleep and circadian cycles linked by affective state and environmental risk related to psychosis. *Sleep*, 46(3).

G Ravindran KK, et al. (2023) Three Contactless Sleep Technologies Compared With Actigraphy and Polysomnography in a Heterogeneous Group of Older Men and Women in a Model of Mild Sleep Disturbance: Sleep Laboratory Study. *JMIR mHealth and uHealth*, 11, e46338.

Gao Q, et al. (2023) A database of atmospheric inorganic nitrogen deposition fluxes in China from satellite monitoring. *Scientific data*, 10(1), 698.

Halonen R, et al. (2022) The association between overnight recognition accuracy and slow oscillation-spindle coupling is moderated by BDNF Val66Met. *Behavioural brain research*, 428, 113889.

Levi H, et al. (2022) The DOMINO web-server for active module identification analysis. *Bioinformatics (Oxford, England)*, 38(8), 2364.

Bettini S, et al. (2022) Association of obstructive sleep apnea with non-alcoholic fatty liver disease in patients with obesity: an observational study. *Eating and weight disorders : EWD*, 27(1), 335.

Vecchiato M, et al. (2022) Cardiopulmonary exercise testing in patients with moderate-severe obesity: a clinical evaluation tool for OSA? *Sleep & breathing = Schlaf & Atmung*, 26(3), 1115.

R??thenbacher A, et al. (2022) RBDtector: an open-source software to detect REM sleep without atonia according to visual scoring criteria. *Scientific reports*, 12(1), 20886.

Zaffanello M, et al. (2022) Cluster Analysis of Home Polygraphic Recordings in Symptomatic Habitually-Snoring Children: A Precision Medicine Perspective. *Journal of clinical medicine*, 11(19).

Kuula L, et al. (2021) Heart Rate Variability and Firstbeat Method for Detecting Sleep Stages in Healthy Young Adults: Feasibility Study. *JMIR mHealth and uHealth*, 9(2), e24704.