

Resource Summary Report

Generated by T1D on Jul 29, 2026

TANGO

RRID:SCR_001770

Type: Tool

Proper Citation

TANGO (RRID:SCR_001770)

Resource Information

URL: <http://tango.crg.es/>

Proper Citation: TANGO (RRID:SCR_001770)

Description: A computer algorithm to predict aggregation nucleating regions in proteins as well the effect of mutations and environmental conditions on the aggregation propensity of these regions.

Abbreviations: TANGO

Resource Type: software resource

Defining Citation: [PMID:15361882](#)

Keywords: polypeptide chain, polypeptide, peptide, protein, bio.tools

Availability: Free, Freely available

Resource Name: TANGO

Resource ID: SCR_001770

Alternate IDs: biotools:tango, OMICS_03859

Alternate URLs: <https://bio.tools/tango>

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260725T190509+0000

Ratings and Alerts

No rating or validation information has been found for TANGO.

No alerts have been found for TANGO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 114 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Errico S, et al. (2025) Structural commonalities determined by physicochemical principles in the complex polymorphism of the amyloid state of proteins. *The Biochemical journal*, 482(2), 87.

An Nguyen B, et al. (2025) Structural variability of apolipoprotein A-I amyloid fibrils across organs, mutations, and clinical presentations, revealed by cryo-EM. *bioRxiv : the preprint server for biology*.

Kim H, et al. (2025) Determinants of Adherence and Satisfaction in Parkinson's Disease Exercise Programs: A Comparison of 16-Months of Adapted Tango vs. Supervised Walking. *Research square*.

Fischer I, et al. (2025) Analyses of exon 4a structure reveal unique properties of Big tau. *bioRxiv : the preprint server for biology*.

Duan J, et al. (2025) AI-Guided Dual Strategy for Peptide Inhibitor Design Targeting Structural Polymorphs of β -Synuclein Fibrils. *Cells*, 14(23).

Mussini C, et al. (2025) Risk of clinical events in virologically suppressed people with HIV switching to a two-drug regimen vs. remaining on a three-drug regimen: a target trial emulation. *EClinicalMedicine*, 86, 103368.

Thakur DC, et al. (2025) Signal Peptide of Human Serum Albumin (residues 1-18) Forms Amyloid-like Aggregates. *ACS omega*, 10(30), 32673.

Kuznetsov D, et al. (2025) Structure and Magnetic Properties of Vanadium-Doped Heusler Ni-Mn-In Alloys. *Nanomaterials (Basel, Switzerland)*, 15(19).

Horgan NG, et al. (2025) The aggregation tendencies of the signal peptide regions of prone and not prone to aggregate proteins. *Biochemistry and biophysics reports*, 42, 101980.

Sierra I, et al. (2025) B cell stimulation changes the structure and higher-order organization of the inactive X chromosome. *Cell reports*, 44(3), 115351.

Olivan-Muro I, et al. (2025) Towards the control of biofilm formation in *Anabaena* (Nostoc) sp. PCC7120: novel insights into the genes involved and their regulation. *The New phytologist*, 247(4), 1805.

Feng S, et al. (2025) A contrastive learning framework with dual gates and noise awareness for temporal knowledge graph reasoning. *Scientific reports*, 15(1), 18474.

Tabar MS, et al. (2025) Intrinsically Disordered Regions Define Unique Protein Interaction Networks in CHD Family Remodelers. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(10), e70632.

Chooi YC, et al. (2025) Adherence to a "MediterrAsian" diet is associated with weight loss-independent improvements in liver fat and lipid profile, but not glucoregulation or inflammation: secondary analysis of a randomized controlled trial. *Frontiers in nutrition*, 12, 1623612.

Afrin S, et al. (2025) Structural polymorphism of ex-vivo ALECT2 amyloid fibrils revealed by cryo-EM. *bioRxiv : the preprint server for biology*.

Khan MM, et al. (2025) Investigation of geographic disparities and temporal changes of non-gestational diabetes-related emergency department visits in Florida: a retrospective ecological study. *PeerJ*, 13, e18897.

Sedelnikova OV, et al. (2025) Heat-induced transformation of nickel-coated polycrystalline diamond film studied in situ by XPS and NEXAFS. *Beilstein journal of nanotechnology*, 16, 887.

Brockelt J, et al. (2025) Storage Profiling: Evaluating the Effect of Modified Atmosphere Packaging on Metabolomic Changes of Strawberries (*Fragaria × ananassa*). *Metabolites*, 15(5).

Saha S, et al. (2025) Structural visualization of small molecule recognition by CXCR3 uncovers dual-agonism in the CXCR3-CXCR7 system. *Nature communications*, 16(1), 3047.

Faigenbaum-Romm R, et al. (2025) Uncovering phenotypic inheritance from single cells with Microcolony-seq. *Cell*.