

Resource Summary Report

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TraceDrawer

RRID:SCR_025782

Type: Tool

Proper Citation

TraceDrawer (RRID:SCR_025782)

Resource Information

URL: <https://tracedrawer.com/product/tracedrawer/>

Proper Citation: TraceDrawer (RRID:SCR_025782)

Description: Software for evaluating, comparing and presenting real-time interaction data. Used for quantification of kinetics and affinity through curve fitting, with large number of binding models to choose from. Can extract experimental information from measurement, requiring minimal user input.

Resource Type: software resource

Keywords: kinetics, affinity, analysis, evaluating, comparing, presenting, real-time interaction data,

Availability: Restricted

Resource Name: TraceDrawer

Resource ID: SCR_025782

Record Creation Time: 20240921T053245+0000

Record Last Update: 20260808T190731+0000

Ratings and Alerts

No rating or validation information has been found for TraceDrawer.

No alerts have been found for TraceDrawer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Bereta GP, et al. (2026) Revisiting the antizyme 1 - ODC interaction reveals low-nanomolar affinity. *Amino acids*, 58(1).

Sengupta S, et al. (2025) Dishevelled localization and function are differentially regulated by structurally distinct sterols. *iScience*, 28(6), 112704.

Monteil VM, et al. (2024) Crimean-Congo haemorrhagic fever virus uses LDLR to bind and enter host cells. *Nature microbiology*, 9(6), 1499.

Petersen I, et al. (2024) A shorter linker in the bispecific antibody RmAb158-scFv8D3 improves TfR-mediated blood-brain barrier transcytosis in vitro. *Scientific reports*, 14(1), 30613.

Bezverkhniaia E, et al. (2024) Influence of Molecular Design on the Tumor Targeting and Biodistribution of PSMA-Binding Tracers Labeled with Technetium-99m. *International journal of molecular sciences*, 25(7).

Díaz-Salinas MA, et al. (2024) Single-molecule imaging reveals allosteric stimulation of SARS-CoV-2 spike receptor binding domain by host sialic acid. *Science advances*, 10(29), eadk4920.

Ramatsui L, et al. (2023) Human granzyme B binds *Plasmodium falciparum* Hsp70-x and mediates antiplasmodial activity in vitro. *Cell stress & chaperones*, 28(3), 321.

Yurkovetskiy L, et al. (2023) S:D614G and S:H655Y are gateway mutations that act epistatically to promote SARS-CoV-2 variant fitness. *bioRxiv : the preprint server for biology*.

Chakafana G, et al. (2021) Characterisation of a unique linker segment of the *Plasmodium falciparum* cytosol localised Hsp110 chaperone. *International journal of biological macromolecules*, 180, 272.

Faresjö R, et al. (2021) Brain pharmacokinetics of two BBB penetrating bispecific antibodies of different size. *Fluids and barriers of the CNS*, 18(1), 26.

Chakafana G, et al. (2021) Supporting data on characterisation of linker switch mutants of *Plasmodium falciparum* heat shock protein 110 and canonical Hsp70. *Data in brief*, 37, 107177.

Lebepe CM, et al. (2020) Comparative Characterization of *Plasmodium falciparum* Hsp70-1 Relative to *E. coli* DnaK Reveals the Functional Specificity of the Parasite Chaperone. *Biomolecules*, 10(6).

Khan MA, et al. (2020) Small RNA-binding protein RapZ mediates cell envelope precursor sensing and signaling in *Escherichia coli*. *The EMBO journal*, 39(6), e103848.

Hou Y, et al. (2019) Phenothiazine antipsychotics exhibit dual properties in pseudo-allergic reactions: Activating MRGPRX2 and inhibiting the H1 receptor. *Molecular immunology*, 111, 118.

Götzke H, et al. (2019) The ALFA-tag is a highly versatile tool for nanobody-based bioscience applications. *Nature communications*, 10(1), 4403.

Hu LI, et al. (2018) The spermidine acetyltransferase SpeG regulates transcription of the small RNA rprA. *PloS one*, 13(12), e0207563.

Moroco JA, et al. (2018) Remodeling of HIV-1 Nef Structure by Src-Family Kinase Binding. *Journal of molecular biology*, 430(3), 310.

Bass TZ, et al. (2017) In vivo evaluation of a novel format of a bivalent HER3-targeting and albumin-binding therapeutic affibody construct. *Scientific reports*, 7, 43118.