

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

CheckMyMetal

RRID:SCR_016887

Type: Tool

Proper Citation

CheckMyMetal (RRID:SCR_016887)

Resource Information

URL: https://csgid.org/csgid/metal_sites

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Description: Metal binding site validation server. Used for systematic inspection of the metal-binding architectures in macromolecular structures. The validation parameters that CMM examines cover the entire binding environment of the metal ion, including the position, charge and type of atoms and residues surrounding the metal.

Abbreviations: CMM

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

Defining Citation: [PMID:28291757](#)

Keywords: metal, binding, site, validation, server, systematic, inspection, macromolecular, structure, ion, charge, position, atom

Funding: NHGRI HG008424;
NIAID HHSN272201200026C;
NIGMS GM117325

Availability: Free, Freely available

Resource Name: CheckMyMetal

Resource ID: SCR_016887

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260905T132815+0000

Ratings and Alerts

No rating or validation information has been found for CheckMyMetal.

No alerts have been found for CheckMyMetal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Mieher JL, et al. (2026) The structure of Streptococcus gordonii surface protein SspB in complex with TEV peptide provides clues to oral streptococcal adherence to salivary agglutinin. Infection and immunity, 94(3), e0046725.

Zhu H, et al. (2026) The neural substrates of enhanced response Inhibition induced by attentional capture in older adults with a higher moderate-to-vigorous physical activity: a VBM and resting-state functional connectivity study. Brain structure & function, 231(2), 26.

Cavada BS, et al. (2025) Crystallographic Structure and Antiglioma Potential of Centrobium microchaete Seed Lectin. ACS omega, 10(5), 4686.

Schormann N, et al. (2023) The catalytic domains of Streptococcus mutans glucosyltransferases: a structural analysis. Acta crystallographica. Section F, Structural biology communications, 79(Pt 5), 119.

Martinez-Martin I, et al. (2023) Titin domains with reduced core hydrophobicity cause dilated cardiomyopathy. Cell reports, 42(12), 113490.

Liu L, et al. (2019) A secreted metal-binding protein protects necrotrophic phytopathogens from reactive oxygen species. Nature communications, 10(1), 4853.

Rack JGM, et al. (2018) (ADP-ribosyl)hydrolases: Structural Basis for Differential Substrate Recognition and Inhibition. Cell chemical biology, 25(12), 1533.

Leal RB, et al. (2018) Crystal structure of DlyL, a mannose-specific lectin from Dioclea lasiophylla Mart. Ex Benth seeds that display cytotoxic effects against C6 glioma cells. International journal of biological macromolecules, 114, 64.