

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

MarkerDB

RRID:SCR_026817

Type: Tool

Proper Citation

MarkerDB (RRID:SCR_026817)

Resource Information

URL: <https://markerdb.ca/>

Proper Citation: MarkerDB (RRID:SCR_026817)

Description: Database that attempts to consolidate information on known clinical and selected set of pre-clinical biomarkers into single resource. Database includes five major types of biomarkers (condition specific, protein, chemical, karyotypic and genetic) and six biomarker categories (diagnostic, risk, prognostic, safety, monitoring, and response). Provides information such as: biomarker names and synonyms, associated conditions or pathologies, detailed disease descriptions, detailed biomarker descriptions, biomarker specificity, sensitivity and ROC curves, standard reference values (for protein and chemical markers), variants (for SNP or genetic markers), sequence information (for genetic and protein markers), molecular 2D and 3D structures (for protein and chemical markers), tissue or biofluid sources (for protein and chemical markers), chromosomal location and structure (for genetic and karyotype markers), clinical approval status and relevant literature references. Users can browse the data by conditions, condition categories, biomarker types, biomarker categories or search by sequence similarity through the advanced search function.

Synonyms: MarkerDB 2.0

Resource Type: data or information resource, database

Defining Citation: [PMID:39535054](#), [PMID:33245771](#)

Keywords: clinical and selected set of pre-clinical biomarkers, biomarkers, biomarker specificity, sensitivity, ROC curves, standard reference values, sequence information, names and synonyms, associated conditions or pathologies, detailed disease descriptions, detailed biomarker descriptions, b

Availability: Free, freely available

Resource Name: MarkerDB

Resource ID: SCR_026817

Record Creation Time: 20250417T065338+0000

Record Last Update: 20260811T043813+0000

Ratings and Alerts

No rating or validation information has been found for MarkerDB.

No alerts have been found for MarkerDB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Bindila L, et al. (2025) A companion to the preclinical common data elements for proteomics, lipidomics, and metabolomics data in rodent epilepsy models. A report of the TASK3-WG4 omics working group of the ILAE/AES joint translational TASK force. Epilepsia open, 10 Suppl 1(Suppl 1), S206.

Bonilla DA, et al. (2025) The 4Rs Framework of Sports Nutrition: An Update with Recommendations to Evaluate Allostatic Load in Athletes. Life (Basel, Switzerland), 15(6).

Kononikhin AS, et al. (2024) Absolute Quantitative Targeted Monitoring of Potential Plasma Protein Biomarkers: A Pilot Study on Healthy Individuals. Biomedicines, 12(10).

Bonilla DA, et al. (2022) A Bioinformatics-Assisted Review on Iron Metabolism and Immune System to Identify Potential Biomarkers of Exercise Stress-Induced Immunosuppression. Biomedicines, 10(3).