Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 24, 2025

Musculoskeletal Knowledge Portal

RRID:SCR_023171
Type: Tool

Proper Citation

Musculoskeletal Knowledge Portal (RRID:SCR_023171)

Resource Information

URL: https://mskkp.org/

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Description: Portal enables browsing, searching, and analysis of human genetic and genomic information linked to musculoskeletal traits and diseases, while protecting the integrity and confidentiality of underlying data.

Abbreviations: MSK-KP

Resource Type: portal, topical portal, data or information resource, disease-related portal

Defining Citation: PMID:34686856

Keywords: genomic data mining, human genetic data, genomic information, musculoskeletal traits and diseases data,

Related Condition: musculoskeletal disease

Funding:

Availability: Free, Freely available

Resource Name: Musculoskeletal Knowledge Portal

Resource ID: SCR_023171

Alternate URLs: https://msk.hugeamp.org/

Record Creation Time: 20230125T050203+0000

Record Last Update: 20250524T061034+0000

Ratings and Alerts

No rating or validation information has been found for Musculoskeletal Knowledge Portal.

No alerts have been found for Musculoskeletal Knowledge Portal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Pan Y, et al. (2025) Genetic Biomarkers and Circulating White Blood Cells in Osteoarthritis: A Bioinformatics and Mendelian Randomization Analysis. Biomedicines, 13(1).

Koponen L, et al. (2025) A deep intronic PHEX variant associated with X-linked hypophosphatemia in a Finnish family. JBMR plus, 9(2), ziae169.

Kramer NE, et al. (2024) Response eQTLs, chromatin accessibility, and 3D chromatin structure in chondrocytes provide mechanistic insight into osteoarthritis risk. bioRxiv : the preprint server for biology.

Pan X, et al. (2024) The association between IGF-1 levels and four types of osteoarthritis: a bidirectional and two-step mendelian randomization study. Frontiers in genetics, 15, 1366138.

Katsoula G, et al. (2024) Primary cartilage transcriptional signatures reflect cell-type-specific molecular pathways underpinning osteoarthritis. American journal of human genetics, 111(12), 2735.

McDonnell E, et al. (2024) The methylomic landscape of human articular cartilage development contains epigenetic signatures of osteoarthritis risk. American journal of human genetics, 111(12), 2756.

Schembri M, et al. (2024) Identification of osteoporosis genes using family studies. Frontiers in endocrinology, 15, 1455689.

De Gasperi R, et al. (2024) Septin 7 interacts with Numb to preserve sarcomere structural organization and muscle contractile function. eLife, 12.

Kreitmaier P, et al. (2024) Epigenomic profiling of the infrapatellar fat pad in osteoarthritis. Human molecular genetics, 33(6), 501.

Jiang H, et al. (2024) Novel insights into the association between genetically proxied inhibition of proprotein convertase subtilisin/kexin type 9 and risk of sarcopenia. Journal of cachexia, sarcopenia and muscle, 15(6), 2417.

Hassan N, et al. (2023) Rare and Common Variants in GALNT3 May Affect Bone Mass Independently of Phosphate Metabolism. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, 38(5), 678.

Mullin BH, et al. (2023) Bone Trans-omics: Integrating Omics to Unveil Mechanistic Molecular Networks Regulating Bone Biology and Disease. Current osteoporosis reports, 21(5), 493.

Nethander M, et al. (2023) An atlas of genetic determinants of forearm fracture. Nature genetics, 55(11), 1820.