Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

jMORP

RRID:SCR_024755
Type: Tool

Proper Citation

jMORP (RRID:SCR_024755)

Resource Information

URL: https://jmorp.megabank.tohoku.ac.jp/

Proper Citation: jMORP (RRID:SCR_024755)

Description: Japanese multi omics reference panel. Provides multidimensional approach to diversity of Japanese population. Public database for plasma metabolome and proteome analyses. Updated to metabolome, genome, transcriptome, metagenome, number of samples, analysis methods of each dataset, expanding links between each layer and links between hierarchies.

Resource Type: data or information resource, database

Defining Citation: DOI:10.1093/nar/gkad978

Keywords: Japanese population, multi omics reference panel, plasma metabolome and proteome analyses, metabolome, genome, transcriptome, metagenome, datasets, samples, analysis,

Funding: Japan Agency for Medical Research and Development

Availability: Restricted

Resource Name: jMORP

Resource ID: SCR_024755

License URLs: https://jmorp.megabank.tohoku.ac.jp/help/conditions-of-use

Record Creation Time: 20231206T183340+0000

Record Last Update: 20260729T044610+0000

Ratings and Alerts

No rating or validation information has been found for jMORP.

No alerts have been found for jMORP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 72 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Nishina S, et al. (2026) Novel biallelic CDK9 variants are associated with retinal dystrophy without CHARGE-like malformation syndrome. Journal of human genetics, 71(2), 97.

Terayama S, et al. (2025) Long-Term Outcomes of Early Enzyme Replacement Therapy With Asfotase Alfa in Perinatal Benign Hypophosphatasia: Amelioration of Bone Deformities in a Young Child. Cureus, 17(2), e78473.

Sakai T, et al. (2025) Genome-Wide Association Study of Atrial Fibrillation Recurrence After Radiofrequency Catheter Ablation in a Japanese Population. Journal of cardiovascular electrophysiology, 36(7), 1494.

Asagai Y, et al. (2025) Clinical characteristics of patients with SALL1-related disorder. Pediatric nephrology (Berlin, Germany), 40(11), 3407.

Hu Q, et al. (2025) Circulating tumor DNA monitoring detects minimal residual disease and predicts outcomes in patients with esophageal adenocarcinoma or squamous cell carcinoma after esophagectomy. BJC reports, 3(1), 52.

Joo SY, et al. (2025) Leveraging underrepresented population data improves interpretation of genetic variants associated with hearing loss. Scientific reports, 15(1), 33693.

Kiuchi S, et al. (2025) A Principal Component Analysis of Metabolome and Cognitive Decline Among Japanese Older Adults: Cross-sectional Analysis Using Tohoku Medical Megabank Cohort Study Data. Journal of epidemiology, 35(1), 39.

Nakatochi M, et al. (2025) Copy number variations in RNF216 and postsynaptic membrane-associated genes are associated with bipolar disorder: a case-control study in the Japanese population. Psychiatry and clinical neurosciences, 79(1), 12.

Arai Y, et al. (2025) Novel OTOG Variants and Clinical Features of Hearing Loss in a Large Japanese Cohort. Genes, 16(1).

Sugiura K, et al. (2025) Unveiling Clinical and Genetic Distinctions in Pure-Apical Versus Distal-Dominant Apical Hypertrophic Cardiomyopathy. Journal of the American Heart Association, 14(6), e038208.

Ishikawa R, et al. (2025) Immunohistochemical and molecular evolutionary features of jejunoileal adenocarcinoma unveiled through comparative analysis with colorectal adenocarcinoma. Neoplasia (New York, N.Y.), 66, 101180.

Yamamoto R, et al. (2025) The SELENOP Polymorphism rs7579 Predicts Hepatic Steatosis in Females With Insulin Resistance in the General Population. Journal of the Endocrine Society, 9(10), bvaf144.

Sriwichaiin S, et al. (2025) JG2: an updated version of the Japanese population-specific reference genome. Human genome variation, 12(1), 21.

Kubota T, et al. (2025) Hydrops fetalis due to loss of function of hNav1.4 channel via compound heterozygous variants. Journal of human genetics, 70(1), 3.

Nakagawa S, et al. (2025) An organoid library of human esophageal squamous cell carcinomas (ESCCs) uncovers the chemotherapy-resistant ESCC features. Communications biology, 8(1), 507.

Ohnami S, et al. (2025) Novel CYP2A7/CYP2A6 germline hybrids associated with mutation burden in lung cancer revealed by whole-genome long-read sequencing. Scientific reports, 15(1), 44989.

Takarada S, et al. (2025) Metabolic remodeling and cardiac dysfunction in left ventricular noncompaction: Insights from the MYH7 Q315R model. PloS one, 20(11), e0336131.

Endo Y, et al. (2025) Mediterranean fever gene variants may prevent the development of lupus nephritis in Japanese patients with systemic lupus erythematosus. Frontiers in immunology, 16, 1571208.

Miyashita A, et al. (2025) Association of rare APOE missense variants with Alzheimer's disease in the Japanese population. Journal of Alzheimer's disease : JAD, 106(1), 363.

Akiba K, et al. (2025) Intragenic duplication of PHEX in a girl with X-linked hypophosphatemia: a case report with review of literature. Endocrine journal, 72(4), 413.