

Resource Summary Report

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Taiwan Biobank

RRID:SCR_010557

Type: Tool

Proper Citation

Taiwan Biobank (RRID:SCR_010557)

Resource Information

URL: https://www.twbiobank.org.tw/new_web_en/index.php

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Description: Taiwan Biobank intends to conduct large-scale cohort studies and case-control studies on local diseases. The cohort study will call for 200,000 volunteers, while the case-control study will invite 100,000 patients with the 10 to 15 most common diseases. These studies will enable Taiwan Biobank to identify the disease-causing factors and mechanisms of common diseases to facilitate the development of better treatment and prevention, reduce the cost of medical treatment and make it possible to achieve the goal of improving the island nation's health.

Resource Type: material resource, tissue bank, biomaterial supply resource

Resource Name: Taiwan Biobank

Resource ID: SCR_010557

Alternate IDs: nlx_36653

Record Creation Time: 20220129T080259+0000

Record Last Update: 20260811T043401+0000

Ratings and Alerts

No rating or validation information has been found for Taiwan Biobank.

No alerts have been found for Taiwan Biobank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Bai CH, et al. (2026) Migraines and the association of cognitive impairment: a one- and two-sample mendelian randomization analysis. Dialogues in clinical neuroscience, 28(1), 107.

Hung LC, et al. (2025) Investigation of CBX4 Polymorphisms and Their Association with Clinicopathological Features in Asian Patients with Oral Squamous Cell Carcinoma. Journal of Cancer, 16(10), 3094.

Chen KH, et al. (2024) The joint effects of physical activity and sleep duration on risk of osteoporosis in Taiwanese adult population: The Taiwan Biobank Study. Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA, 35(3), 523.

Hua CH, et al. (2023) Analysis of MUC6 polymorphisms on the clinicopathologic characteristics of Asian patients with oral squamous cell carcinoma. Journal of cellular and molecular medicine, 27(17), 2594.

Lee CY, et al. (2022) Identification of nine novel variants across PAX3, SOX10, EDNRB, and MITF genes in Waardenburg syndrome with next-generation sequencing. Molecular genetics & genomic medicine, 10(12), e2082.

Wang CC, et al. (2022) Differential gene expression orchestrated by transcription factors in osteoporosis: bioinformatics analysis of associated polymorphism elaborating functional relationships. Aging, 14(12), 5163.

Chien LH, et al. (2022) Recalibrating Risk Prediction Models by Synthesizing Data Sources: Adapting the Lung Cancer PLCO Model for Taiwan. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 31(12), 2208.

Lo YH, et al. (2021) Detecting Genetic Ancestry and Adaptation in the Taiwanese Han People. Molecular biology and evolution, 38(10), 4149.

Wang LC, et al. (2021) Primary Signet Ring Cell/Histiocytoid Carcinoma of the Eyelid: Somatic Mutations in CDH1 and Other Clinically Actionable Mutations Imply Early Use of Targeted Agents. Current oncology (Toronto, Ont.), 28(1), 918.

Lin WY, et al. (2021) A large-scale observational study linking various kinds of physical exercise to lipoprotein-lipid profile. Journal of the International Society of Sports Nutrition, 18(1), 35.

Chattopadhyay A, et al. (2020) Overcoming the challenges of imputation of rare variants in a Taiwanese cohort. Translational cancer research, 9(7), 4065.

Yang PW, et al. (2020) Risk Factors and Genetic Biomarkers of Multiple Primary Cancers in Esophageal Cancer Patients. *Frontiers in oncology*, 10, 585621.

Huang P, et al. (2020) Association of early-onset Alzheimer's disease with germline-generated high affinity self-antigen load. *Translational psychiatry*, 10(1), 146.

Tsai YS, et al. (2020) Hand-onset weakness is a common feature of ALS patients with a NEK1 loss-of-function variant. *Annals of clinical and translational neurology*, 7(6), 965.

Yang JH, et al. (2019) Investigation of the variants at the binding site of inflammatory transcription factor NF- κ B in patients with end-stage renal disease. *BMC nephrology*, 20(1), 300.

Huang YC, et al. (2019) Cholesteryl Ester Transfer Protein Genetic Variants Associated with Risk for Type 2 Diabetes and Diabetic Kidney Disease in Taiwanese Population. *Genes*, 10(10).

Tantoh DM, et al. (2019) SOX2 promoter hypermethylation in non-smoking Taiwanese adults residing in air pollution areas. *Clinical epigenetics*, 11(1), 46.

Chiang KM, et al. (2019) Genome-wide association study of morbid obesity in Han Chinese. *BMC genetics*, 20(1), 97.

Lu HJ, et al. (2019) Clinical, pathophysiologic, and genomic analysis of the outcomes of primary head and neck malignancy after pulmonary metastasectomy. *Scientific reports*, 9(1), 12913.

Chiang YH, et al. (2017) Germline variations at JAK2, TERT, HBS1L-MYB and MECOM and the risk of myeloproliferative neoplasms in Taiwanese population. *Oncotarget*, 8(44), 76204.