

Resource Summary Report

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Hapmix

RRID:SCR_004203

Type: Tool

Proper Citation

Hapmix (RRID:SCR_004203)

Resource Information

URL: <https://www.hsph.harvard.edu/alkes-price/software/>

Proper Citation: Hapmix (RRID:SCR_004203)

Description: Software application that uses genotyping data from SNP arrays for accurately inferring chromosomal segments of distinct continental ancestry in admixed populations, using dense genetic data. (entry from Genetic Analysis Software)

Abbreviations: HAPMIX

Resource Type: source code, software application, software resource

Defining Citation: [PMID:19543370](#)

Keywords: gene, genetic, genomic, admixed, population, genotype, single nucleotide polymorphism, ancestry, chromosomal segment, snp array

Funding: NHGRI U01-HG004168;
NHLBI R01-HL087699

Availability: Restricted

Resource Name: Hapmix

Resource ID: SCR_004203

Alternate IDs: nlx_22768, OMICS_02082

Alternate URLs: <http://www.hsph.harvard.edu/faculty/alkes-price/software/>,
<http://www.stats.ox.ac.uk/~myers/software.html>, <https://reich.hms.harvard.edu/software>

Old URLs: http://genetics.med.harvard.edu/reich/Reich_Lab/Software.html

Record Creation Time: 20220129T080223+0000

Ratings and Alerts

No rating or validation information has been found for Hapmix.

No alerts have been found for Hapmix.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Chen S, et al. (2025) Tracing the Genetic Heritage of the Kirgiz People: Dual-Wave Admixture and Ancestry-Biased Adaptation. *Molecular biology and evolution*, 42(8).

Hu S, et al. (2025) Fine-scale population structure and widespread conservation of genetic effect sizes between human groups across traits. *Nature genetics*, 57(2), 379.

Farnitano MC, et al. (2025) Fluctuating reproductive isolation and stable ancestry structure in a fine-scaled mosaic of hybridizing *Mimulus* monkeyflowers. *PLoS genetics*, 21(3), e1011624.

Wen J, et al. (2025) Sex-Biased Admixture Followed by Isolation and Adaptive Evolution Shaped the Genomic and Blood Pressure Diversity of the LopNur People. *Molecular biology and evolution*, 42(4).

Strom NI, et al. (2025) Genome-wide analyses identify 30 loci associated with obsessive-compulsive disorder. *Nature genetics*, 57(6), 1389.

Wang Y, et al. (2024) NRDE2 deficiency impairs homologous recombination repair and sensitizes hepatocellular carcinoma to PARP inhibitors. *Cell genomics*, 4(5), 100550.

Li J, et al. (2024) Genome-wide association research on the reproductive traits of Qianhua Mutton Merino sheep. *Animal bioscience*, 37(9), 1535.

Xu W, et al. (2024) Multiple-Wave Admixture and Adaptive Evolution of the Pamirian Wakhi People. *Molecular biology and evolution*, 41(12).

Strom NI, et al. (2024) Genome-wide association study identifies 30 obsessive-compulsive disorder associated loci. *medRxiv : the preprint server for health sciences*.

Suzuki K, et al. (2024) Genetic drivers of heterogeneity in type 2 diabetes pathophysiology. *Nature*, 627(8003), 347.

Lei C, et al. (2024) Ancestral Origins and Admixture History of Kazakhs. *Molecular biology and evolution*, 41(7).

Furuta Y, et al. (2024) Common protein-altering variant in GFAP is associated with white matter lesions in the older Japanese population. *NPJ genomic medicine*, 9(1), 59.

Wen J, et al. (2024) Ancestral origins and post-admixture adaptive evolution of highland Tajiks. *National science review*, 11(9), nwae284.

Wei Y, et al. (2023) Fast and accurate local ancestry inference with Recomb-Mix. *bioRxiv : the preprint server for biology*.

Pan Y, et al. (2023) Comparative Genomic and Transcriptomic Analyses Reveal the Impacts of Genetic Admixture in Kazaks, Uyghurs, and Huis. *Molecular biology and evolution*, 40(3).

Caliebe A, et al. (2022) Including diverse and admixed populations in genetic epidemiology research. *Genetic epidemiology*, 46(7), 347.

Avadhanam S, et al. (2022) Simultaneous inference of parental admixture proportions and admixture times from unphased local ancestry calls. *American journal of human genetics*, 109(8), 1405.

Palmer ND, et al. (2021) Genome-wide association study of vitamin D concentrations and bone mineral density in the African American-Diabetes Heart Study. *PloS one*, 16(5), e0251423.

Tachachartvanich P, et al. (2020) Plasma glucocorticogenic activity, race/ethnicity and alcohol intake among San Francisco Bay Area women. *PloS one*, 15(6), e0233904.

Uren C, et al. (2020) Putting RFMix and ADMIXTURE to the test in a complex admixed population. *BMC genetics*, 21(1), 40.