

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

Kourami

RRID:SCR_022280

Type: Tool

Proper Citation

Kourami (RRID:SCR_022280)

Resource Information

URL: <https://github.com/Kingsford-Group/kourami>

Proper Citation: Kourami (RRID:SCR_022280)

Description: Software graph guided assembly for novel human leukocyte antigen allele discovery. Graph guided assembly for HLA haplotypes covering typing exons using high coverage whole genome sequencing data. Implemented in Java and supported on Linux and Mac OS X.

Resource Type: software application, software resource, data processing software

Defining Citation: [PMID:29415772](#)

Keywords: graph guided assembly, novel human leukocyte antigen allele discovery, HLA alleles, HLA alleles assembly

Funding: Gordon and Betty Moore Foundation ;
NSF CCF1256087;
NSF CCF1319998;
NHGRI R01HG007104

Availability: Free, Available for download, Freely available

Resource Name: Kourami

Resource ID: SCR_022280

License: BSD 3-Clause "New" or "Revised" License

Record Creation Time: 20220512T050141+0000

Record Last Update: 20260727T040757+0000

Ratings and Alerts

No rating or validation information has been found for Kourami.

No alerts have been found for Kourami.

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 [PRECISE-TBI](#) .

Liu Y, et al. (2025) Uncovering genetic diversity and admixture of British Africans with HLA alleles inferred from whole genome sequencing. European journal of human genetics : EJHG, 33(8), 1057.

Bulashevskaya A, et al. (2024) Artificial intelligence and neoantigens: paving the path for precision cancer immunotherapy. Frontiers in immunology, 15, 1394003.

Wang S, et al. (2023) SpecHLA enables full-resolution HLA typing from sequencing data. Cell reports methods, 3(9), 100589.

Lee EY, et al. (2023) Race/ethnicity-stratified fine-mapping of the MHC locus reveals genetic variants associated with late-onset asthma. Frontiers in genetics, 14, 1173676.