

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

xHLA

RRID:SCR_022277

Type: Tool

Proper Citation

xHLA (RRID:SCR_022277)

Resource Information

URL: <https://github.com/humanlongevity/HLA>

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Description: Software tool for fast and accurate HLA typing from short read sequence data. Iteratively refines mapping results at amino acid level to achieve four digit typing accuracy for both class I and II HLA genes, taking only 3 min to process 30?? whole genome BAM file on desktop computer.

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

Defining Citation: [PMID:28674023](#)

Keywords: HLA typing, short read sequence data, refines mapping results, amino acid level, four digit typing accuracy

Funding: Health Resources and Services Administration ;
NCI 5U24CA076518;
NHLBI 5U10HL069294;
Office of Naval Research Grants

Availability: Free, Available for download, Freely available

Resource Name: xHLA

Resource ID: SCR_022277

License URLs: <https://github.com/humanlongevity/HLA/blob/master/LICENSE>

Record Creation Time: 20220512T050141+0000

Record Last Update: 20260829T182858+0000

Ratings and Alerts

No rating or validation information has been found for xHLA.

No alerts have been found for xHLA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ricker CA, et al. (2024) Historical perspective and future directions: computational science in immuno-oncology. Journal for immunotherapy of cancer, 12(1).

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