

Resource Summary Report

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HlrisPlex system

RRID:SCR_014058

Type: Tool

Proper Citation

HlrisPlex system (RRID:SCR_014058)

Resource Information

URL: <http://hlrisplex.erasmusmc.nl/>

Proper Citation: HlrisPlex system (RRID:SCR_014058)

Description: An interactive software tool that predicts hair and eye color based on genetics. The website includes both the IrisPlex system and the HlrisPlex system.

Resource Type: simulation software, software application, software resource

Defining Citation: [PMID:22917817](#)

Keywords: DNA, phenotype, eye color, hair color, data analysis, software

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: HlrisPlex system

Resource ID: SCR_014058

Record Creation Time: 20220129T080203+0000

Record Last Update: 20260903T234355+0000

Ratings and Alerts

No rating or validation information has been found for HlrisPlex system.

No alerts have been found for HlrisPlex system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Nguidi M, et al. (2026) Contrasting Maternal, Paternal, and Biparental Ancestry of Populations From the Caribbean Coast of Colombia. *American journal of biological anthropology*, 189(4), e70242.

González-Ortiz N, et al. (2026) Performance of the ForenSeq™ Imagen Kit for Forensic DNA Phenotyping Under Partial Genotyping Conditions. *Genes*, 17(3).

Fazio G, et al. (2026) Impact of Semi-Permanent Nail Polish on Forensic DNA Profiling and Phenotyping from Fingernails. *Genes*, 17(3).

Maróti Z, et al. (2026) Robust imputation-based method for eye, hair, and skin colour prediction from low-coverage ancient DNA. *Scientific reports*, 16(1).

Caliebe A, et al. (2026) Evaluation of the Prediction Potential of the HirisPlex-S System in a North German Population. *Genes*, 17(4).

Adserias-Garriga J, et al. (2025) Facing the Unknown: Integration of Skeletal Traits, Genetic Information and Forensic Facial Approximation. *Genes*, 16(5).

Tan Y, et al. (2025) [Application of HirisPlex-S System in Forensic DNA Phenotyping]. *Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition*, 56(4), 1120.

de-Dios T, et al. (2025) Bone Adhered Sediments as a Source of Target and Environmental DNA and Proteins. *Molecular biology and evolution*, 42(9).

Pilli E, et al. (2025) Forensic skeletal and molecular anthropology face to face: Combining expertise for identification of human remains. *Annals of the New York Academy of Sciences*, 1550(1), 77.

Perez Palomeque G, et al. (2025) Prediction of Skin Color Using Forensic DNA Phenotyping in Asian Populations: A Focus on Thailand. *Biomolecules*, 15(4).

Croze M, et al. (2025) Genomic diversity and structure of prehistoric alpine individuals from the Tyrolean Iceman's territory. *Nature communications*, 16(1), 6431.

Perretti S, et al. (2025) Inference of human pigmentation from ancient DNA by genotype likelihoods. *Proceedings of the National Academy of Sciences of the United States of America*, 122(29), e2502158122.

Sapan V, et al. (2025) Forensic DNA phenotyping using Oxford Nanopore Sequencing system. *Electrophoresis*, 46(3-4), 198.

Beneker O, et al. (2025) Urbanization and genetic homogenization in the medieval Low Countries revealed through a ten-century paleogenomic study of the city of Sint-Truiden. *Genome biology*, 26(1), 127.

Navarro-López B, et al. (2024) Exploring Eye, Hair, and Skin Pigmentation in a Spanish Population: Insights from Hirisplex-S Predictions. *Genes*, 15(10).

Bukayev A, et al. (2024) Predictive accuracy of genetic variants for eye color in a Kazakh population using the IrisPlex system. *BMC research notes*, 17(1), 187.

Hui R, et al. (2024) Genetic history of Cambridgeshire before and after the Black Death. *Science advances*, 10(3), eadi5903.

Ravasini F, et al. (2024) The genomic portrait of the Picene culture provides new insights into the Italic Iron Age and the legacy of the Roman Empire in Central Italy. *Genome biology*, 25(1), 292.

Martiniano R, et al. (2024) Ancient genomes illuminate Eastern Arabian population history and adaptation against malaria. *Cell genomics*, 4(3), 100507.

Ellegaard MR, et al. (2024) Corroborating written history with ancient DNA: The case of the Well-man described in an Old Norse saga. *iScience*, 27(11), 111076.