



R10, 79147 haplotypes

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WELCOME TO YHRD

The ability to identify male-specific DNA renders polymorphic Y-chromosomal sequences an invaluable addition to the standard panel of autosomal loci used in forensic genetics. Y-STR haplotyping is particularly important for sensitive typing of male DNA in mixed stains as

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LATEST NEWS

Release 30 is online!

August 21, 2009: We have updated the database and added 30 new or updated population samples with 4,405 haplotypes. [...] Posted 18 days ago by *Sascha Willuweit*

AMOVA Tool Failure

The software used for scheduling all AMOVA calculations didn't manage to clean up old and erroneous runs. In a result it [...] Created 27 days ago by *Sascha Willuweit*



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Haplotypes

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DYS19	DYS389I	DYS389II	DYS390	DYS391	DYS392	DYS393	DYS393	
14	12	29	22	10	11	13	13,14	
DYS436	DYS439	DYS437	DYS448	DYS456	DYS458	DYS635	YGATAH4	
10	11	15	20	13	15	21	11	

National database | M
Whole database

Please note: The database size will vary based on the loci you have entered.

- 7 loci haplotype (DYS19, DYS389I, DYS389II, DYS390, DYS391, DYS392, DYS393): **79147 haplotypes**
- 9 loci haplotype (+ DYS385a/b): **77351 haplotypes**
- 11 loci haplotype (+ DYS436, DYS439): **50210 haplotypes**
- 12 loci haplotype (+ DYS437): **28825 haplotypes**
- 17 loci haplotype (+ DYS448, DYS456, DYS458, DYS635, YGATAH4): **21800 haplotypes**

Matches grouped by Metapopulations

DYS19	DYS389I	DYS389II	DYS390	DYS391	DYS392	DYS393	DYS395
14	12	29	22	10	11	13	13,14
DYS438	DYS439	DYS437	DYS445	DYS456	DYS459	DYS635	YGATAH4
10	11	15	20	13	15	21	11

National database | Meta Whole database

Matches grouped by Continents Frequency surveying estimates

- **All Metapopulation:** Found 0 of 21800 matching haplotypes [$f=0$ (95% CI: $0 - 1.692 \times 10^{-4}$)] in 0 of 132 populations.
- **Eurasian Metapopulation:** Found 0 of 6382 matching haplotypes [$f=0$ (95% CI: $0 - 5.778 \times 10^{-4}$)] in 0 of 48 populations.
- **East Asian Metapopulation:** Found 0 of 8842 matching haplotypes [$f=0$ (95% CI: $0 - 4.171 \times 10^{-4}$)] in 0 of 31 populations.
- **Australian Aboriginal Metapopulation:** Found 0 of 0 matching haplotypes [$f=0.0$] in 0 of 0 populations.
- **African Metapopulation:** Found 0 of 1190 matching haplotypes [$f=0$ (95% CI: $0 - 3.095 \times 10^{-3}$)] in 0 of 3 populations.



Matches grouped by Metapopulations

DYS19	DYS389I	DYS389II	DYS390	DYS391	DYS392	DYS393	DYS395
14	12	29	22	10	11	13	13,14
DYS438	DYS439	DYS437	DYS445	DYS456	DYS459	DYS635	YGATAH4
10	11	15	20	13	15	21	11

National database | Meta Italy

Matches grouped by Continents Frequency surveying estimates

- **All Metapopulation:** Found 0 of 736 matching haplotypes [$f=0$ (95% CI: $0 - 5 \times 10^{-3}$)] in 0 of 5 populations.
- **Eurasian Metapopulation:** Found 0 of 614 matching haplotypes [$f=0$ (95% CI: $0 - 5.99 \times 10^{-3}$)] in 0 of 3 populations.
- **East Asian Metapopulation:** Found 0 of 0 matching haplotypes [$f=0.0$] in 0 of 0 populations.
- **Australian Aboriginal Metapopulation:** Found 0 of 0 matching haplotypes [$f=0.0$] in 0 of 0 populations.
- **African Metapopulation:** Found 0 of 0 matching haplotypes [$f=0.0$] in 0 of 0 populations.