

Report Date: July 12, 2005

DNA Profile Report / Allele Sizing T029470

Specimen Sample: Jan Wigestrard
Date of Birth: 03/02/1965
Ethnicity: Unspecified/Mixed
Collection Date: 11/30/2004

Explanation of DNA Profile Analysis:

Several discrete locations on different chromosomes were used to construct the DNA profile for Jan Wigestrard. Table 1 shows Jan Wigestrard to have identification markers 10 and 11 at the CSF1PO STR chromosome location. The parents contributed these identification markers to Jan Wigestrard, one marker from each parent. Results from the other STR chromosome locations are also listed in Table 1. Each marker has an established probability of occurrence in the general population and among different ethnic groups.

Conclusion:

DNA profiling (also known as DNA fingerprinting) was performed by PCR, and has been completed on a sample in the name of Jan Wigestrard. Based on the observed scientific evidence, it is concluded, for all practical purposes, and in reference to the submitted samples, that the above DNA profile is that of Jan Wigestrard. The chance is 1 in 9,640,000,000,000,000 that some (particular) person other than the individual tested would have a genetic profile identical to the profile provided.

Table 1: The DNA profile established for Jan Wigestrard.

Jan Wigestrard CODIS profile Unspecified		
Locus	Allele Number	
AMEL	X	Y
CSF1PO	10	11
D13S317	12	13
D16S539	11	12
D18S51	16	18
D19S433	15	
D21S11	27	30
D2S1338	20	23
D3S1358	17	18
D5S818	9	11
D7S820	8	9
D8S1179	12	13
FGA	20	21
TH01	7	9
TPOX	8	9
vWA	17	18

Random Match Probability: 1.04E-16
1/RMP: 9.64E+15

James Sorenson, MPH/HSA, Laboratory Supervisor
GeneTree DNA Testing Center

The above information is believed to be correct, but is not purported to be all-inclusive. GeneTree cannot vouch for the origin of the samples prior to arriving at GeneTree. All results are kept confidential. Any unauthorized use of this document is the sole responsibility of the perpetrator.

This is to certify that

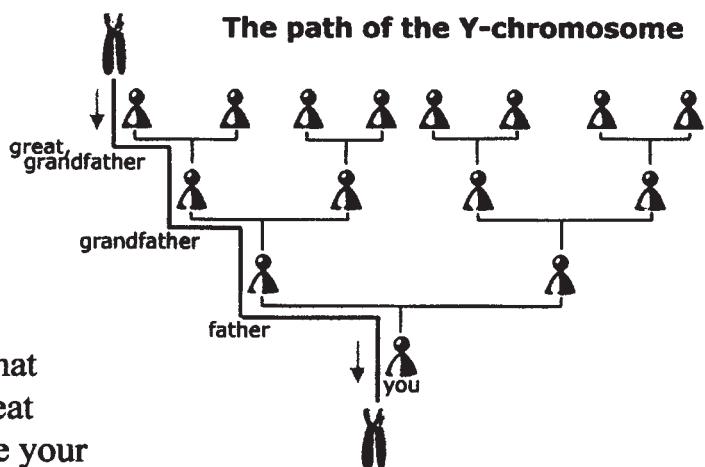
JAN WIGESTRAND

has had a Y-chromosome analysis performed by DNA Heritage.

Passed from father to son every generation, the Y-chromosome is a genetic legacy tracing back up the direct paternal line.

At each Y-chromosome marker, there are regions of DNA that are repeated several times. This DNA sequence is copied exactly when it is passed onto future generations - it is this similarity that is used to trace paternal lineages.

Occasionally however, small changes in that marker do occur resulting in different repeat numbers – it is these differences that make your haplotype distinctive from other lineages.



Marker Name	No. of Repeats	Marker Name	No. of Repeats
DYS19	14	DYS452	11
DYS385a	11	DYS454	11
DYS385b	13	DYS455	11
DYS388	12	DYS456	16
DYS389i	13	DYS458	17
DYS389ii	29	DYS459a	9
DYS390	24	DYS459b	10
DYS391	11	DYS460	11
DYS392	13	DYS461	12
DYS393	14	DYS462	11
DYS426	12	DYS463	22
DYS437	15	DYS464a	15
DYS438	12	DYS464b	15
DYS439	12	DYS464c	17
DYS441	14	DYS464d	17
DYS442	12	GATAA10	13
DYS444	12	GATAC4/ DYS635	23
DYS445	13	TAGAH4	12
DYS446	15	GGAAT1B07	10
DYS447	25	YCAIIa	19
DYS448	19	YCAIIb	23
DYS449	29		

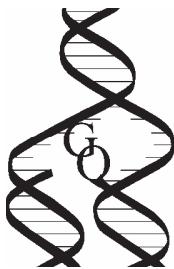
Your 43-marker results show the number of repeats for any given marker.

Your test involved the use of internationally-recognised standards and testing protocols ensuring that you can confidently compare your results with others. Any comparison should only be made with individuals who share your surname, or have a similarly spelled surname.

Sample number: YN1D547
Analysis date: 1st February 2005


Alastair Greenshields
Principal
DNA Heritage





GenQuest DNA Analysis Laboratory
University of Nevada School of Medicine
Department of Microbiology
Mail Stop 320
Reno, Nevada 89557

Personal Screening Report

Case Number: #20058982 (DTC0027616)

Party	Race	Date Collected
Jan Wigestrard	Caucasian	07/08/2005

DNA ANALYSIS RESULTS: Allele and number of repeats

Alleles	Number of Repeats
CSF1P0	10, 11
D2S1338	20, 23
D3S1358	17, 18
D5S818	9, 11
D7S820	8, 9
D8S1179	12, 13
D13S317	12, 13
D16S539	11, 12
D18S51	16, 18
D19S433	15
D21S11	27, 30
FGA	20, 21
TH01	7, 9
TPOX	8, 9
vWA	17, 18
Amelogenin	XY

Conclusions:

The above profile for Jan Wigestrard was obtained from the analysis of the alleles, CSF1PO, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D19S433, D21S11, FGA, THO1, TPOX, VWA and Amelogenin. This profile occurs in the Caucasian population one in every 4.36×10^{22} persons.

Note: Personal Identity Screening Test results cannot be used in a court of law. Samples were not collected in accordance with AABB standards.

Stephen St.Jeor, Ph.D.
Elmer Otteson, Ph. D.

Date ____ / ____ / ____

JAN WIGESTRAND HAS HAD A Y-CHROMOSOME

ANALYSIS

PERFORMED BY DNA HERITAGE.

SAMPLE NUMBER: YN1D547.

ANALYSIS DATE: 1ST FEBRUARY 2005.

JAN WIGESTRAND'S 43-MARKER.

RESULTS:

DYS19: 14 DYS385a: 11 DYS385b: 13 DYS388: 12

DYS389i: 13 DYS389ii: 29 DYS390: 24 DYS391: 11

DYS392: 13 DYS393: 14 DYS426: 12 DYS437: 15

DYS438: 12 DYS439: 12 DYS441: 14 DYS442: 12

DYS444: 12 DYS445: 13 DYS446: 15 DYS447: 25

DYS448: 19 DYS449: 29 DYS452: 11 DYS454: 11

DYS455: 11 DYS456: 16 DYS458: 17 DYS459a: 9

DYS459b: 10 DYS460: 11 DYS461: 12 DYS462: 11

DYS463: 22 DYS464a: 15 DYS464b: 15 DYS464c: 17

DYS464d: 17

GATAA10: 13 GATAC4/DYS635: 23

TAGAH4: 12 GGAAT1B07: 10

YCAIIa: 19 YCAIIb: 23

DYS452: 30 (+19), DYS 452: 30 (+19),

Y-GATA-A10: 13, Y-GATA-H4: 12, Y-GGAAT-1B07: 10, GAAT1B07: 10,

YGATAA10: 13, YGATAH4: 12, YGGAAT1B07: 10, GATAH4: 12, GATA H4: 12,

GATAH4.1: 12,

GATAC4: 23, GATA C4: 23, DYS635: 23, DYS 635: 23, Y-GATA-C4: 23,

YGATAC4: 23, DYS394: 14, DYS 394: 14,

DYS 389-1: 13, DYS 389-2: 29, GATA H4: 12,

DYS395: 14, DYS 395: 14,

Y-GATA-A4: 12, YGATAA4: 12,

DYS385, DYS 385, DYS389, DYS 389, DYS459, DYS 459, DYS464, DYS 464,

YCAII, YCA, IIa, IIb, i, ii, a, b, c, d, 43marker, Ychromosome, test, Y-DNA.

DYS 19: 14 DYS 385a: 11 DYS 385b: 13 DYS 388: 12

DYS 389i: 13 DYS 389ii: 29 DYS 390: 24 DYS 391: 11

DYS 392: 13 DYS 393: 14 DYS 426: 12 DYS 437: 15

DYS 438: 12 DYS 439: 12 DYS 441: 14 DYS 442: 12

DYS 444: 12 DYS 445: 13 DYS 446: 15 DYS 447: 25

DYS 448: 19 DYS 449: 29 DYS 452: 11 DYS 454: 11

DYS 455: 11 DYS 456: 16 DYS 458: 17 DYS 459a: 9

DYS 459b: 10 DYS 460: 11 DYS 461: 12 DYS 462: 11

DYS 463: 22 DYS 464a: 15 DYS 464b: 15 DYS 464c: 17

DYS 464d: 17

GATA A10: 13 GATA C4 / DYS 635: 23

TAGA H4: 12 GGAAT1B07: 10

YCA IIa: 19 YCA IIb: 23



FamilyTree**DNA**

Certificate – **mtDNA**

Family Tree DNA certifies that a mitochondria DNA sample taken from

Jan Wigestrånd

differs from the Cambridge Reference Sequence (CRS)* at the numbered positions indicated,
by the presence of the bases designated A, C, G or T:

Haplogroup T2

Sample # 368457

The letters designate the base that occurs at each of those positions in place of the entire CRS. These are distinctive of this sample and may be compared to other people to confirm or rule out common descent, providing genetic evidence of genealogical relationships.

HVR1: 16126C, 16292T, 16294T, 16296T, 16324C, 16519C

HVR2: 73G, 263G, 315.1C

*The Cambridge Reference Sequence is the accepted mtDNA standard.

December 8, 2014

Eqpegwc'C0Dqt o cpu

Case	8478937
Patient Name	Jan Wigestrond
Sample Number	8478937-50
Date Collected	
Collected by	

Locus	Allele Sizes		Locus	Allele Sizes	
D3S1358	17	18	FGA	20	21
vWA	17	18	D22S1045	15	
D16S539	11	12	D5S818	9	11
CSF1PO	10	11	D13S317	12	13
TPOX	8	9	D7S820	8	9
D8S1179	12	13	SE33	22.2	28.2
D21S11	27	30	D10S1248	14	
D18S51	16	18	D1S1656	11	17.3
D2S441	10	11	D2S1338	20	23
D19S433	15		Amelogenin	X	Y
TH01	7	9			

RN: 2217985

Note: Since the samples were not collected under a strict chain of custody by a third neutral party and the Laboratory cannot verify the origin of the samples, this test result may not be defensible in a court of law for the establishment of paternity and other legally related issues. The tested parties' names that may appear on this report have been provided by the client and cannot be verified. The laboratory assumes no responsibility for incorrect or misspelled patient information.

Based on the samples received from the tested parties whose identities cannot be independently verified, I, the undersigned Laboratory Director, declare the genetic data is correct as reported on 02/08/2017.



Guangyun Sun, Ph.D.



FamilyTreeDNA Certificate – Y-DNA

Jan Wigestrånd

Your sample # **368457**

This Certificate confirms that you have had your DNA analyzed by Family Tree DNA. The outcome from each of the one hundred eleven Loci examined is reported in the table below. If your alleles for the one hundred eleven Loci match another person exactly, then you share the same Haplotype.

Allele	DYS393	DYS390	DYS19	DYS391	DYS385	DYS426	DYS388	DYS439	DYS389-I	DYS392	DYS389-II
	14	24	14	11	11-13	12	12	12	13	13	29
Allele	DYS458	DYS459	DYS455	DYS454	DYS447	DYS437	DYS448	DYS449	A,A,A,A,A,A,A,A,A,A,A,A,DYS464		
	17	9-10	11	11	25	15	19	29		15-15-17-17	
Allele	DYS460	GATA-H4	YCAII	DYS456	DYS607	DYS576	DYS570	CDY	DYS442	DYS438	
	11	11	19-23	16	15	18	17	37-39	12	12	
Allele	DYS531	DYS578		DYF395S1	DYS590	DYS537	DYS641	DYS472	DYF406S1	DYS511	
	11	9		15-16	8	10	10	8	10	10	
Allele	DYS425	DYS413	DYS557	DYS594	DYS436	DYS490	DYS534	DYS450	DYS444	DYS481	DYS520
	12	23-23	16	10	12	12	18	8	12	22	20
Allele	DYS617	DYS568	DYS487	DYS572	DYS640	DYS492	DYS565				15
	12	11	13	11	11	12	12				
Allele	DYS710	DYS485	DYS632	DYS495	DYS540	DYS714	DYS716	DYS717			
	31	15	9	16	11	27	26	19			
Allele	DYS505	DYS556	DYS549	DYS589	DYS522	DYS494	DYS533	DYS636	DYS575	DYS638	
	11	11	12	12	10	9	12	12	10	11	
Allele	DYS462	DYS452	DYS445	Y-GATA-A10		DYS463	DYS441	Y-GGAAT-1B07		DYS525	
	11	30	13	13		24	14		10	10	
Allele	DYS712	DYS593	DYS650	DYS532	DYS715	DYS504	DYS513	DYS561	DYS552		
	20	15	18	13	24	17	12	15	24		
Allele	DYS726	DYS635	DYS587	DYS643	DYS497	DYS510	DYS434	DYS461	DYS435		
	12	23	18	10	14	17	9	12	11		

August 16, 2017

Eqpegwc 'C0Dqt o cpu

Jan Wigestrød
Postboks 99
4301 Sandnes

Our ref.: 2017401626
Your ref.: 2017401626

Date: 17.08.2017

Forensic Genetic Expert Report

DNA-profile

Jan Wigestrød

Date of birth: 020365

DNA-analysis

Investigations are made on different parts of the DNA-molecules (loci), which are hypervariable. For each locus two variants (alleles) appear; one inherited from the mother and one inherited from the father. 23 loci have been investigated of which 22 are inherited independently.

Results

The attached table shows result for sample labelled Jan Wigestrød 02.03.1965 (see attached sampling documentation).

Berit M. Dupuy
Expert of Forensic Genetics

Attachments: Sampling documentation, analysis results

Marguerethe Stenersen, *cand. scient.*
Berit Myhre Dupuy, *Ph.D.* ✓
Daniel Kling, *Ph.D.*

Resultatrapport Autosomale markører - vedlegg til 2017401626

Oppdragsgivers saksnummer: 2017401626

Genetisk markør	JW65	Bevisvekt (LR)
AMELOGENIN	X-Y	
D3S1358	17-18	17.582
TH01	7-9	18.0181
D21S11	27-30	50.7761
D18S51	16-18	55.8771
D10S1248	14-14	10.4314
D1S1656	11-17.3	44.2506
D2S1338	20-23	38.28
D16S539	11-12	5.71209
D22S1045	15-15	9.0052
vWA	17-18	8.00022
D8S1179	12-13	11.0463
FGA	20-21	18.6829
D2S441	10-11	6.67399
D12S391	19-21	43.1044
D19S433	15-15	30.1455
SE33	22.2-28.2	213.557
Penta E	7-8	228.685
D5S818	9-11	35.2308
D13S317	12-13	15.387
D7S820	8-9	18.1648
CSF1PO	10-11	6.76838
Penta D	9-12	9.90377
TPOX	8-9	8.73147
Bevisvekt (total LR)		3.29242e+030

16 August 2017

Jan Wigestrønd is a Caucasian male Y-DNA test results Y-111 (111 markers test) (analyzed by Family Tree DNA).

DYS393 14 DYS390 24 DYS19 14 DYS391 11 DYS385 11-13 DYS426 12 DYS388 12
DYS439 12 DYS389-I 13 DYS392 13 DYS389-II 29

DYS458 17 DYS459 9-10 DYS455 11 DYS454 11 DYS447 25 DYS437 15 DYS448 19
DYS449 29 DYS464 15-15-17-17

DYS460 11 GATA-H4 11 YCAII 19-23 DYS456 16 DYS607 15 DYS576 18 DYS570 17
CDY 37-39 DYS442 12 DYS438 12

DYS531 11 DYS578 9 DYF395S1 15-16 DYS590 8 DYS537 10 DYS641 10 DYS472 8
DYF406S1 10 DYS511 10

DYS425 12 DYS413 23-23 DYS557 16 DYS594 10 DYS436 12 DYS490 12 DYS534 18
DYS450 8 DYS444 12 DYS481 22 DYS520 20 DYS446 15

DYS617 12 DYS568 11 DYS487 13 DYS572 11 DYS640 11 DYS492 12 DYS565 12

DYS710 31 DYS485 15 DYS632 9 DYS495 16 DYS540 11 DYS714 27 DYS716 26 DYS717 19

DYS505 11 DYS556 11 DYS549 12 DYS589 12 DYS522 10 DYS494 9 DYS533 12 DYS636 12
DYS575 10 DYS638 11

DYS462 11 DYS452 30 DYS445 13 Y-GATA-A10 13 DYS463 24 DYS441 14 Y-GGAAT-1B07 10
DYS525 10

DYS712 20 DYS593 15 DYS650 18 DYS532 13 DYS715 24 DYS504 17 DYS513 12 DYS561 15
DYS552 24

DYS726 12 DYS635 23 DYS587 18 DYS643 10 DYS497 14 DYS510 17 DYS434 9 DYS461 12
DYS435 11

17 August 2017

Jan Wigestrønd is a Caucasian male autosomal DNA test results (23 loci and Amelogenin) (analysed by Department of Genetic Kinship and Identity (Avdeling for rettsgenetisk slektskap og identitet), Oslo University Hospital).

AMELOGENIN X-Y

CSF1PO 10-11 D3S1358 17-18 D5S818 9-11 D7S820 8-9 D8S1179 12-13 D13S317 12-13
D16S539 11-12 D18S51 16-18 D21S11 27-30 FGA 20-21 TH01 7-9 TPOX 8-9 vWA 17-18

D1S1656 11-17.3 D2S441 10-11 D2S1338 20-23 D10S1248 14-14 D12S391 19-21 D19S433 15-15
D22S1045 15-15

Penta D 9-12 Penta E 7-8 SE33 22.2-28.2