



Oklahoma City Police Department
DNA Laboratory
616 Coleord Drive, Suite 217
Oklahoma City, Oklahoma 73102

**FORENSIC EXAMINATION REPORT
DNA ANALYSIS UNIT**

DEFENDANT(S): HOLTZCLAW, DANIEL	SUBMITTED BY: DET. KIM DAVIS
VICTIM(S): LIGONS, JANNIE	DATE RECEIVED: JUNE 19, 2014
DATE REPORTED: NOVEMBER 12, 2014	INCIDENT NUMBER: 14-049050
LABORATORY NUMBER: SD-14-273	CLASSIFICATION: FORCIBLE ORAL SODOMY

ITEMS SUBMITTED

The following evidence was transferred by Property Clerk, Susan Gentry, on June 19, 2014, one (1) tape sealed Oklahoma City Police Department Sexual Assault Evidence Kit containing:

Items #1 through #3 obtained from Jannie Ligons.

Item #1A/B Two (2) buccal swabs.

Item #2 Oral wash.

Item #3A/B Two (2) swabs, external oral.

The following evidence was transferred by Property Clerk, Susan Gentry, on June 19, 2014, received from Crime Scene Unit Sgt. C. Gordon, one (1) tape sealed evidence envelope containing:

Items #4 through #16 obtained from Springlake car #1313258.

Item #4A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side interior arm rest, EI #1.

Item #5A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side interior door handle, EI #2.

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- Item #6A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side interior door pull handle, EI #3.
- Item #7A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side interior glass (rear quarter section of glass), EI #4.
- Item #8A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side interior top half of seat back, EI #5.
- Item #9A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side interior bottom half of seat back, EI #6.
- Item #10A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side forward half of seat cushion, EI #7.
- Item #11A/B One (1) tape sealed manila coin envelope containing two (2) swabs rear passenger side rear half of seat cushion, EI #8.
- Item #12A/B One (1) tape sealed manila coin envelope containing two (2) swabs from smudge on rear passenger side roof of rail, EI #9.
- Item #13A/B One (1) tape sealed manila coin envelope containing two (2) swabs from smudge on rear passenger side roof rail, EI #10.
- Item #14A/B One (1) tape sealed manila coin envelope containing two (2) swabs from palm smudge on passenger of hood, EI #11.
- Item #15A/B One (1) tape sealed manila coin envelope containing two (2) swabs from trim piece above passenger side rear quarter window, EI #12.
- Item #16A/B One (1) tape sealed manila coin envelope containing two (2) swabs from glass of passenger side rear quarter window, EI #13.

The following evidence was transferred by Property Clerk, Susan Gentry, on June 19, 2014, one (1) tape sealed BPS containing:

Items #17 and #18 obtained from Daniel Holtzclaw.

Item #17 One (1) pair dark navy blue uniform pants

Item #18 One (1) black velcro belt in the keepers.

NOTE: One (1) swab was collected from each side of zipper area of Item #17 during laboratory examination.

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The following evidence was transferred by Property Clerk, Susan Gentry, on June 19, 2014, received from Detective Sgt. R. Gregory, one (1) tape sealed evidence envelope containing:

Items #19 and #20 obtained from Daniel Holtzclaw.

Item #19A-D Four (4) buccal swabs.

Item #20 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on June 27, 2014, received from Crime Scene Unit Sgt. C. McBride, one (1) tape sealed evidence envelope containing:

Items #21 through #29 obtained from Pontiac Grand Am.

Item #21A/B One (1) tape sealed manila coin envelope containing two (2) swabs from outer case of cell phone.

Item #22A/B One (1) tape sealed manila coin envelope containing two (2) swabs from screen of cell phone.

Item #23A/B One (1) tape sealed manila coin envelope containing two (2) swabs from top edge of driver's door frame.

Item #24A/B One (1) tape sealed manila coin envelope containing two (2) swabs from upper half of rearward portion of window frame of driver's door.

Item #25A/B One (1) tape sealed manila coin envelope containing two (2) swabs from area above exterior handle of driver's door.

Item #26A/B One (1) tape sealed manila coin envelope containing two (2) swabs from arm rest driver's door.

Item #27A/B One (1) tape sealed manila coin envelope containing two (2) swabs from steering wheel.

Item #28A/B One (1) tape sealed manila coin envelope containing two (2) swabs from interior arm rest.

Item #29A/B One (1) tape sealed manila coin envelope containing two (2) swabs from upper portion of Styrofoam cup sitting in cup holder in center console.

The following evidence was transferred by Property Clerk, Susan Gentry, on June 27, 2014, received from Crime Scene Unit Sgt. C. Gordon, one (1) tape sealed evidence envelope containing:

Items #30 through #33 obtained from Springlake car #1313258.

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Item #30A/B One (1) tape sealed manila coin envelope containing two (2) swabs from rear seat front on driver side.

Item #31A/B One (1) tape sealed manila coin envelope containing two (2) swabs from rear seat cushion near center.

Item #32A/B One (1) tape sealed manila coin envelope containing two (2) swabs from front passenger seat cushion.

Item #33A/B One (1) tape sealed manila coin envelope containing two (2) swabs from front passenger floor near center console.

The following evidence was transferred by Property Clerk, Susan Gentry, on July 2, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #34 and #35 obtained from Kerrie Hunt.

Item #34A-D Four (4) buccal swabs.

Item #35 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on July 11, 2014, received from Detective Sgt. R. Gregory, one (1) tape sealed evidence envelope containing:

Items #36 and #37 obtained from Terri Lynn Morris.

Item #36A-D Four (4) buccal swabs.

Item #37 One (1) waiver of search of body.

The following evidence was transferred by Property Sgt. C. Mueggenborg on August 6, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #38 and #39 obtained from Sherry Ellis.

Item #38A-D Four (4) buccal swabs.

Item #39 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on August 19, 2014, received from Detective Sgt. V. Homan, one (1) tape sealed evidence envelope containing:

Items #40 and #41 obtained from Florene Mathis.

Item #40A-D Four (4) buccal swabs.

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Item #41 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on August 19, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #42 and #43 obtained from Carla Johnson.

Item #42A-D Four (4) buccal swabs.

Item #43 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on August 29, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #44 and #45 obtained from Rosetta R. Grate.

Item #44A-D Four (4) buccal swabs.

Item #45 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on September 17, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #46 and #47 obtained from Kala Lyles.

Item #46A-D Four (4) buccal swabs.

Item #47 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on October 15, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #48 and #49 obtained from Regina Copeland.

Item #48A-D Four (4) buccal swabs.

Item #49 One (1) waiver of search of body.

The following evidence was transferred by Property Clerk, Susan Gentry, on October 24, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #50 and #51 obtained from Adaira Gardner.

Item #50A-D Four (4) buccal swabs.

Item #51 One (1) waiver of search of body.

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The following evidence was transferred by Property Clerk, Susan Gentry, on November 4, 2014, received from Detective Sgt. K. Davis, one (1) tape sealed evidence envelope containing:

Items #52 and #53 obtained from Syrita Bowen.

Item #52A-D Four (4) buccal swabs.

Item #53 One (1) waiver of search of body.

REQUESTED ANALYSIS

Examine all evidence submitted against this case and compare to all reference material submitted.

RESULTS OF ANALYSIS

Items #2 (oral wash) and #3A/B (external oral swab) were negative to acid phosphatase, a presumptive test for the presence of seminal fluid.

Microscopic examination of Item #2 (oral wash) was negative for the presence of spermatozoa.

Item #2 (oral wash) was negative to p30, a confirmatory test for the presence of the prostatic antigen.

Deoxyribonucleic Acid (DNA) was isolated from Items #1A (J. Ligons Known Reference), #19A (D. Holtzclaw Known Reference), #34A (K. Hunt Known Reference), #36A (T.L. Morris Known Reference), #38A (S. Ellis Known Reference), #40A (F. Mathis Known Reference), #42A (C. Johnson Known Reference), #44A (R. Grate Known Reference), #46A (K. Lyles Known Reference), #48A (R. Copeland Known Reference), #50A (A. Gardner Known Reference), #52A (S. Bowen Known Reference), #2A (oral wash), #3A (external mouth swab), #4A (rear passenger interior arm rest swab), #5A (rear passenger interior door handle swab), #6A (rear passenger interior door pull swab), #7A (rear passenger side interior side glass swab), #8A (rear passenger interior top half seat cushion seat), #9A (rear passenger side interior bottom half seat back swab), #10A (rear passenger forward half seat cushion swab), #11A (rear passenger rear half seat cushion swab), #12A (smudge rear passenger roof rail swab), #13A (smudge rear passenger roof rail swab), #14A (palm smudge passenger hood swab), #15A (trim piece above passenger rear quarter swab), #16A (glass passenger side quarter glass swab), #17Q1 (pants left fly swab), #17Q2 (pants right fly swab), #21A (outer case cell phone swab), #22A (screen of cell phone swab), #23A (top edge driver's door frame), #24A (upper half rearward window frame swab), #25A (above exterior handle driver's door swab), #26A (arm rest driver's door swab), #27A (steering wheel swab), #28A (interior arm rest swab), #29A (Styrofoam cup swab), #30A (rear seat front driver's side swab), #31A (rear seat cushion near center swab), #32A (front passenger seat cushion swab), and #33A (passenger floor near center console swab) and characterized through the Polymerase Chain Reaction (PCR) at the Short Tandem Repeat (STR) genetic loci listed on the attached chart.

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Based on these results, the DNA profiles obtained from Items #2A (oral wash swab – epithelial), #2A (oral wash swab – sperm fraction), and #3A (external mouth swab) match the DNA profile obtained from Item #1A (J. Ligons Known Reference) at all genetic loci tested.

The DNA profile obtained from Item #6A (rear passenger interior door pull swab) originates from an unknown male source.

The DNA profile obtained from Item #19A (D Holtzclaw Known Reference) is excluded as a potential source of this profile.

The DNA profile obtained from Item #10A (rear passenger forward half seat cushion swab) is a mixture and also incomplete. Where interpretable data is present, the DNA profile obtained from Item #1A (J. Ligons Known Reference) cannot be excluded as a potential contributor. The probability of selecting an unrelated individual at random from the population having this genetic profile is approximately one (1) in 12,150 in Caucasians, one (1) in 13,680 in African Americans, and one (1) in 29,800 in Southwest Hispanics.

NOTE: Due to stochastic events, only the loci D21S11, D7S820, CSF1PO, D19S433 and vWA were used for this statistical calculation.

The DNA profile obtained from Item #17Q1A (pants left fly swab) is a mixture of more than two (2) individuals and also incomplete. Where interpretable data is present the DNA profile obtained from Item #50A (A Gardner Known Reference) cannot be excluded as a potential contributor. The probability of selecting an individual at random from the population who could also be a contributor to this profile is approximately one (1) in 79 in Caucasians, one (1) in 180 in African Americans and one (1) in 188 in Southwest Hispanics.

NOTE: Due to stochastic events the loci D21S11, CSF1PO, D2S1338, vWA, D18S51 and FGA are inconclusive and were not used for statistical calculation. All other reference material mentioned in this report is excluded as potential contributors to this mixture.

The DNA profile obtained from Item #17Q2A (pants right fly swab) is a mixture. The major contributor to this profile matches the DNA profile obtained from Item #50A (A. Gardner Known Reference) at all genetic loci tested. The probability of selecting an unrelated individual at random from the population having this genetic profile is approximately one (1) in 24,170,000,000,000,000,000 in Caucasians, one (1) in 43,610,000,000,000,000,000 in African Americans and one (1) in 2,999,000,000,000,000,000 in Southwest Hispanics. The minor component is not suitable for comparison purposes due to insufficient data.

The DNA profiles obtained from Items #21A (outer case cell phone swab) and #28A (interior arm rest swab) are mixtures. The major components of which match the DNA profile obtained from Item #1A (J. Ligons Known Reference) at all genetic loci tested. The probability of selecting an unrelated individual at random from the population having this genetic profile is approximately one (1) in 4,151,000,000,000,000,000 in Caucasians, one (1) in 241,400,000,000,000,000 in African Americans, and one (1) in 1,024,000,000,000,000,000 in Southwest Hispanics. The minor components of these mixtures have insufficient material for comparison purposes

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The DNA profile obtained from Item #22A (screen of cell phone swab) is a mixture and incomplete. Where interpretable data is available the DNA profile obtained from Item #1A (J. Ligons Known Reference) cannot be excluded as a potential contributor to this profile. The probability of selecting an unrelated individual at random from the population having this genetic profile is approximately one (1) in 3,078 in Caucasians, one (1) in 88 in African Americans and one (1) in 5,640 in Southwest Hispanics.

NOTE: Due to stochastic events, only loci D3S1358, D13S17, D16S539, D19S433, TPOX, D18S51, and D5S818 could be used for this statistical calculation.

The DNA profile obtained from Item #26A (arm rest driver's door swab) is a mixture and is also incomplete. Where interpretable results are present, the DNA profile obtained from Item #1A (J. Ligons Known Reference) cannot be excluded as a potential contributor. The probability of selecting an unrelated individual at random from the population having this genetic profile is approximately one (1) in 275,000 in Caucasians, one (1) in 43,120 in African Americans, and one (1) in 201,000 in Southwest Hispanics.

NOTE: Due to stochastic events only loci D7S820, TH01, D13S317, D2S1338, D19S433, vWA, TPOX and D18S51 could be used for this statistical calculation.

The DNA profile obtained from Item #27A (steering wheel swab) is a mixture which is also incomplete. All submitted reference material mentioned in this report are excluded as potential contributors to this mixture.

The DNA profile obtained from Item #29A (Styrofoam cup swab) is a partial profile. Where interpretable results are present, the DNA profile obtained from Item #1A (J. Ligons Known Reference) cannot be excluded. The probability of selecting an unrelated individual at random from the population having this genetic profile is approximately one (1) in 136,400,000,000 in Caucasians, one (1) in 8,651,000,000 in African Americans, and one (1) in 204,800,000,000 in Southwest Hispanics.

NOTE: Due to stochastic events, the loci D21S11, CSF1P0, D2S1338, D19S433, D18S51, and FGA could not be used for statistical calculation.

The DNA profiles obtained from Items #11A (rear passenger rear half seat cushion swab), #30A (rear seat front driver's side swab) and #32A (front passenger seat cushion swab) are incomplete mixtures of more than two (2) individuals. These profiles are not suitable for comparison purposes and due to the complex nature are considered inconclusive.

The DNA profiles obtained from Items #4A (rear passenger interior arm rest swab), #8A (rear passenger interior to half seat cushion swab), #9A (rear passenger side interior bottom half seat back swab), #15A (trim piece above passenger rear quarter swab) and #33A (passenger floor near center console swab) are partial profiles which are considered inconclusive due to stochastic events and insufficient genetic material.

No DNA profiles were obtained from Items #5A (rear passenger interior door handle swab), #7A (rear passenger side interior side glass swab), #12A (smudge rear passenger roof rail swab), #13A (smudge rear passenger roof rail swab), #14A (palm smudge passenger hood swab), #16A (glass passenger side quarter glass swab), #23A (top edge driver's door frame), #24A (upper half rearward window frame swab), #25A (above exterior handle driver's door swab) and #31A (rear seat cushion ear center swab).

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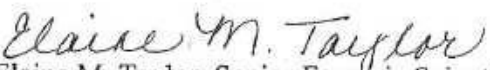
The DNA profiles obtained from Items #19A (D. Holtzclaw Known Reference), #34A (K Hunt Known Reference), #36A (T.L. Morris Known Reference), #38A (S. Ellis Known Reference), #40A (F. Mathis Known Reference), #42A (C. Johnson Known Reference), #44A (R. Grate Known Reference), #46A (K. Lyles Known Reference), #48A (R. Copeland Known Reference), and #52A (S. Bowen Known Reference) are excluded as potential contributors to the reported profiles.

Please submit additional reference material for comparison purposes.

The DNA profile obtained from Item #19A (D. Holtzclaw Known Reference) has been entered into the CODIS legal database as per Oklahoma State Legislature Title 74-150.27A, 2006.

DISPOSITION OF EVIDENCE

The sexual assault kit, remaining scene swabs, and buccal swabs are retained in the Serology freezer. The remaining DNA extracts are retained in the Oklahoma City Police Department DNA freezer.


Elaine M. Taylor, Senior Forensic Scientist

This report contains the conclusions and interpretations of the analyst whose signature appears on the report.

Pursuant to Title 22 O.S. Section 751, I hereby certify that I am maker of this document, and that it is a true and correct report to the findings of The Oklahoma City Police Department Forensic Laboratory.

EMT:bl

cc: Sex Crimes Unit – Detective Sgt. Kim Davis



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ANALYST: ELAINE M. TAYLOR *ent*

SAMPLE NUMBER	D8S1179	D21S11	D7S820	CSFIPO	D3S1358	TH01	D13S317	DI6S539	D2S1338	D19S433	Vwa	TPOX	DI8S11	AMEL	DSS18	FGA
#2A EPI Oral wash	13	28, 31.2	10	6,10	15,16	6,7	12,13	10,11	17,19	13,2, 14	16, 18	9	15,17	X	13	23,27
#2A SF Oral wash	13	28, 31.2	10	6,10	15,16	6,7	12,13	10,11	17,19	13,2, 14	16, 18	9	15,17	X	13	23,27
#3A External mouth	13	28, 31.2	10	6,10	15,16	6,7	12,13	10,11	17,19	13,2, 14	16, 18	9	15,17	X	13	23,27
#4A Rear pass. int. arm rest	12*, 14*	NR	9*, 10*	10*, 11*	14*, 15, 16	7*, 8*	12*, 13*	11*, 12*	25*	13, 14*	17*	8*	NR	X*, Y*	12*	NR
#5A Rear pass. int. door handle	12*	NR	NR	NR	NR	NR	NR	12*	NR	NR	NR	NR	NR	NR	NR	NR
#6A Rear pass. int. door pull	14,15	28,29	10,11	11,12	15,17	9,3	11	12,13	20,24	13, 15.2	16, 17	8,11	15,16	X,Y	12,13	20
#7A Rear pass. side int. side glass	NR	NR	NR	NR	NR	8*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#8A Rear pass. int. top 1/2 seat cushion	12*, 13*, 14*	NR	NR	10*	14*, 15, 16	6*, 7*, 8*	11*, 12*, 13*	10*, 11*, 12*	NR	13,14	17*	9*	NR	X	12*	NR
#9A Rear pass. side int. bottom 1/2 seat	13*, 14*	28*	10*	10*	15, 16*, 18*	6, 7, 8*	12*, 13	9*, 10*, 11*	19*	13*, 13.2*, 14	16*, 17*, 18*	9*	15*, 17*	X	13	NR

NOTE: The Locus Amelogenin is not used in any statistical calculations.

X = Female X,Y = Male

* = alleles below stochastic threshold, locus not used for statistics

() = Minor Allele

NR = No Result
INC = Inconclusive



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ANALYST: ELAINE M. TAYLOR *emt*

SAMPLE NUMBER	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D2S1338	D19S433	VWA	TPOX	D18S51	AMEL	D5S818	FGA
#10A Back rear pass. forward 1/2 seat cushion	12*, 13, 14*, 15*	28, 31.2	10	6,10	14,15, 16,17*	6,7, 8,9*	11*, 12,13	9*,10, 11, 12	17, 18*, 19,25*	13, 13.2, 14	16, 17, 18	8*,9	15, 16*, 17	X,Y*	11*, 12,13	23, 25*, 27
#11A Rear pass. 1/2 seat cushion	10,11, 12,13, 14,15*, 16*	28, 29*, 30*, 31*, 31.2, 33.2*, 34.2	9*,10, 11	7*,9*, 10*, 11,12	14,15, 16,17, 18	6,7, 8,9*, 9.3*	11,12, 13	9,10, 11,12, 13*, 14*	17, 18*, 19, 20,23, 24, 25*	11,12, 12.2*, 13, 14, 15.2*	13*, 14*, 15, 16, 18*	8,9, 10, 11, 12	11, 12*, 14*, 15, 16*	X,Y	11,12, 13	21,22, 23*, 24
#12 Smudge rear pass. roof rail	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#13A Smudge rear pass. roof rail	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#14A Palm Smudge pass. hood	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#15A Trim piece above pass. rear 1/4	13*, 16*	NR	NR	NR	15*	7	NR	NR	NR	11*, 13.2*	NR	NR	NR	X*	NR	NR
#16A Glass pass. side 1/4 window	NR	NR	NR	NR	NR	7*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NOTE: The Locus Amelogenin is not used in any statistical calculations.

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ANALYST: ELAINE M. TAYLOR *ent*

SAMPLE NUMBER	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D2S1338	D19S433	Vwa	TPOX	D18S51	AMEL	D5S818	FGA
#17Q1 Pants left fly	10,11, 12,13, 14,15	27,28, 30*, 33.2,	9,10, 11	7,9, 10*, 11,12,	14,15, 16,17	6,7, 9,9.3	10,11, 12	8,9, 11,12	17,18, 19*, 25*,26	13,14, 16	14, 15, 18, 19*, 20	8,11, 12	12,14, 15, 16*, 19*, 20*, 21	X,Y	11,12, 13,15	19,20 21,22 23, 25*
#17Q2 Pants right fly	10,14, (11*, 12*, 13, 15*)	28, 33.2, (27*)	9,10 (11*)	7,9 (11*)	14,16, (15, 17*, 18*)	7,9, (6,8*, 9.3)	11,12, (10)	11,12, (8*,9)	18,26, (25)	13,14	15, 18, (14*, 16*)	8,12, (11)	12,21 (19*)	X, (Y*)	11,13, (12)	20,23 (22)
#21A Outer case cell phone	13 (14*)	28, 31.2	10	6,10	15,16 (17*)	6,7	12,13 (11)	10,11 (9)	17,19 (24*)	13.2, 14 (13*)	16, 18, (17)	9, (8)	15, 17	X	13 (12*)	23,27 (24*)
#22A Screen of cell phone	13,14, 15*, 27*, 28, 31.2, 32.2	27*, 28, 31.2, 32.2	8*, 10,11	6, 9*,10, 12*	15,16, 18	6,7, 9*	11,12, 13	9,10, 11	17,19, 23*,24	13, 13.2, 14	15*, 16, 17, 18	8,9	15, 16, 17	X, Y*	8,12, 13	23, 24*, 25 27
#23A Top edge driver's door frame	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#24A Upper 1/2 rearward window frame	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

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SAMPLE NUMBER	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D2S1338	D19S433	Vwa	TPOX	D18S51	AMEL	DS818	FGA
#25A Above ext. handle driver's door	13*	NR	NR	NR	15*, 16*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#26A Arm rest driver's door	13,14, 15*	28, 29*, 31, 31.2*	8,10	6*, 10*, 11*, 12	15,16, 18*	6,7,8, 10	12,13	9*,10, 11, 13	17,19, 22	10,11, 12.2, 13, 13.2, 14	16, 17, 18	9,11	15,17	X,Y	11, 12*,13	21, 23, 24*, 27
#27A Steering wheel	13,14	28,31, 31.2	8,10	6,10, 11*, 12	15,16	6,7,8, 10	12,13	10,11, 12*,13	17,19, 22	11, 12.2, 13*, 13.2, 14	16, 17, 18	9,11	15,17	X,Y	11, 12*, 13	21,23 27
#28A Interior arm rest	13, (14, 15*)	28, 31.2, (29*, 32.2*)	10, (11*)	6,10, (12*)	15,16, (17*, 18)	6,7, (8, 10*)	12,13, (11)	10,11, (9, 13)	17,19, (22)	13.2, 14, (10, 11*, 12*, 12.2, 13)	16, 18, (17)	9, (8, 11)	15,17 (16, 20*)	X, (Y)	13, (11*, 12)	23,27 (21*, 24, 25*)
#29A Styrofoam cup	13, (12*)	28*, 31.2	10	6*, 10*	15,16	6,7	12,13	10,11	17, 19*, 19*	13.2*, 14*	16, 18	9	15, 17*	X	13	23

NOTE: The Locus Amelogenin is not used in any statistical calculations.
X = Female X,Y = Male

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SAMPLE NUMBER	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D2S1338	D19S433	Vwa	TPOX	D18S51	AMEL	D5S818	FGA
#30A Rear seat front driver's side	10*, 12, 13, 14, 15	27*, 28*, 28.2*, 29, 31.2	9, 10, 11, 12	10, 11, 12	14, 15, 16, 17, 18*	7, 8*, 9*, 9.3, 10	11, 12, 13	9, 10, 11*, 12, 13	16*, 17, 18, 24*, 25*	11*, 12, 13, 14, 15, 15.2, 19*	15, 16, 17, 18	8, 9	13, 15, 16*, 17*, 18*, 19*	X, Y	8, 10*, 11, 12	18.2*, 19, 22, 23*, 24*, 25
#31A Rear seat cushion near center	NR	NR	NR	NR	NR	7*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
#32A Front pass. seat cushion	10, 11, 13*, 15*	28, 29*, 30.2*	10	11, 12*	16*, 17, 18	6, 9.3	11*, 12, 13*	11, 12, 13, 14	18*, 22*, 24	12, 13, 14, 16	16	8*, 9*	13*, 14*	X, Y*	11, 12*	20*, 22*
#33A Pass. floor near center console	10, 13*	28*	7*, 9*	NR	15, 16*, 17, 18*	6, 9.3	11*	11*, 12, 13	17*, 20*	13	17	8	16*	X*, Y*	12*	22*, 23*

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ANALYST: ELAINE M. TAYLOR *et*

SAMPLE NUMBER	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D2S1338	D19S433	Vwa	TPOX	D18S51	AMEL	D5S818	FGA
#1A J. Ligons	13	28, 31.2	10	6,10	15,16	6,7	12,13	10,11	17,19	13,2, 14	16, 18	9	15,17	X	13	23,27
#19A D. Holtzclaw	13,16	30	9,10	10,12	16,18	6,9,3	9,11	11	25	12,14	14, 17	8,11	12,15	X,Y	11,12	22,25
#34A K. Hunt	10,11	28,29	10,11	11,12	17	6,9,3	11,13	11,14	24	13,16	15, 16	8	13,14	X	11,12	22,24
#36A T.L. Morris	14,15	30	7,9	7,8	14,15	6,7	12	9,12	18,22	14, 16.2	17	9	14,15	X	13,14	24,27
#38A S. Ellis	12,13	30, 31.2	9,10	11,12	14,16	7,9,3	12,13	11,12	21,23	13	15, 16	9,10	12,15	X	11,12	23,24
#40A F. Mathis	11,15	28, 32.2	9,10	11,12	14,17	6,7	10,12	11,12	21,23	12, 13.2	15, 16	8,11	16,19	X	8,12	22
#42A C. Johnson	14,17	29, 31.2	8,9	10,12	15,16	6,7	12,13	12	16,24	13,14	14, 19	9,10	15, 20	X	12	21,22
#44A R. Grate	13,15	30,31	10,11	10,11	15,16	7	11	9,11	19,24	15, 15.2	15, 18	8,9	16, 17	X	11,12	19,26
#46A K. Lyles	11,15	30,31	11,12	11,12	16	7	12	9,11	19,25	13,14	15, 16	8,11	16,19	X	12,13	22,25
#48A R. Copeland	13,14	28,30	9,10	11,12	16	7,8	12	9,13	18,22	15,2, 16	15	9	13,20	X	12,13	22,24
#50A A. Gardner	10,14	28, 33.2	9,10	7,9	14,16	7,9	11,12	11,12	18,26	13,14	15, 18	8,12	12,21	X	11,13	20,23
#52A S. Bowen	13,14	29, 31.2	8,10	10,13	14,15	7,9	13	11	19,24	12,13	16, 19	9	17,21	X	12	24,26

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