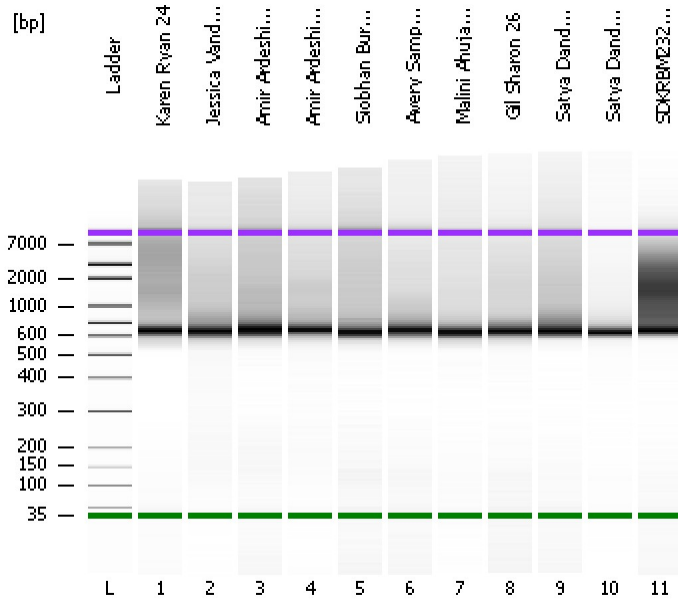


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
 Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
 Assay Class: High Sensitivity DNA Assay
 Version: 1.03
 Assay Comments: Copyright © 2003-2010 Agilent Technologies

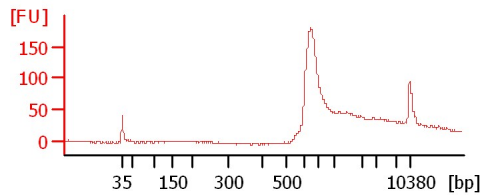
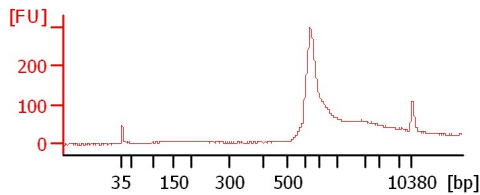
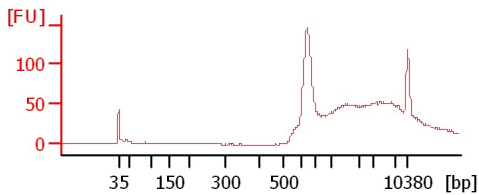
Chip Information:

Chip Lot #:
 Reagent Kit Lot #:
 Chip Comments:

Karen Ryan 24

Jessica Vandeleest 12

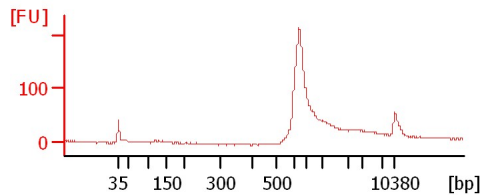
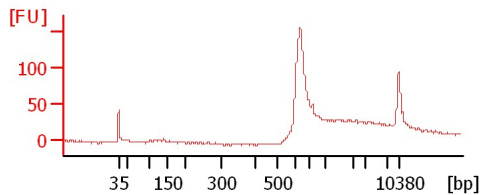
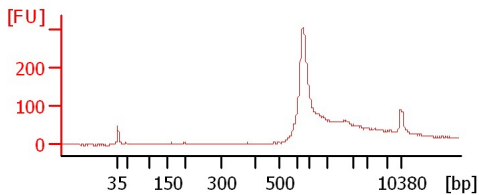
Amir Ardeshir Stool 20



Amir Ardeshir Oral swab 20

Siobhan Burns 15 redo

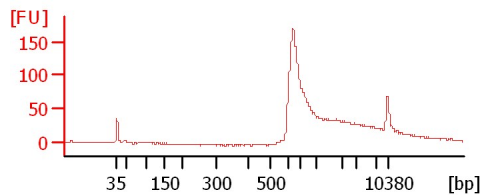
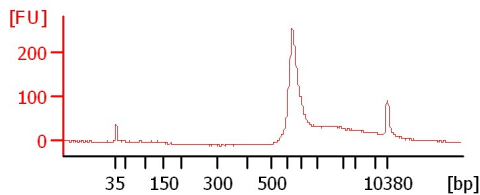
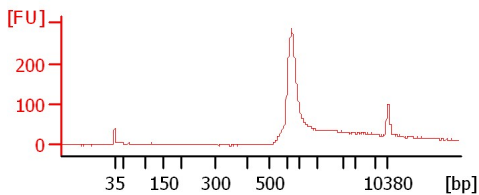
Avery Sampson 9



Malini Ahuja 25

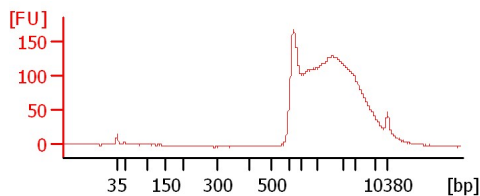
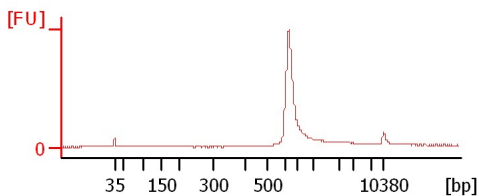
Gil Sharon 26

Satya Dandekar Rectal Swabs 60



Satya Dandekar Cytobrush 9

SDKRBM232 Pooled Library



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Karen Ryan 24		<input type="checkbox"/>	✓			
Jessica Vandeleest 12		<input type="checkbox"/>	✓			
Amir Ardeshir Stool 20		<input type="checkbox"/>	✓			
Amir Ardeshir Oral swab 20		<input type="checkbox"/>	✓			
Siobhan Burns 15 redo		<input type="checkbox"/>	✓			
Avery Sampson 9		<input type="checkbox"/>	✓			
Malini Ahuja 25		<input type="checkbox"/>	✓			
Gil Sharon 26		<input type="checkbox"/>	✓			
Satya Dandekar Rectal Swabs 60		<input type="checkbox"/>	✓			
Satya Dandekar Cytobrush 9		<input type="checkbox"/>	✓			
SDKRBM232 Pooled Library		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
Modified: 11/5/2015 9:49:54 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

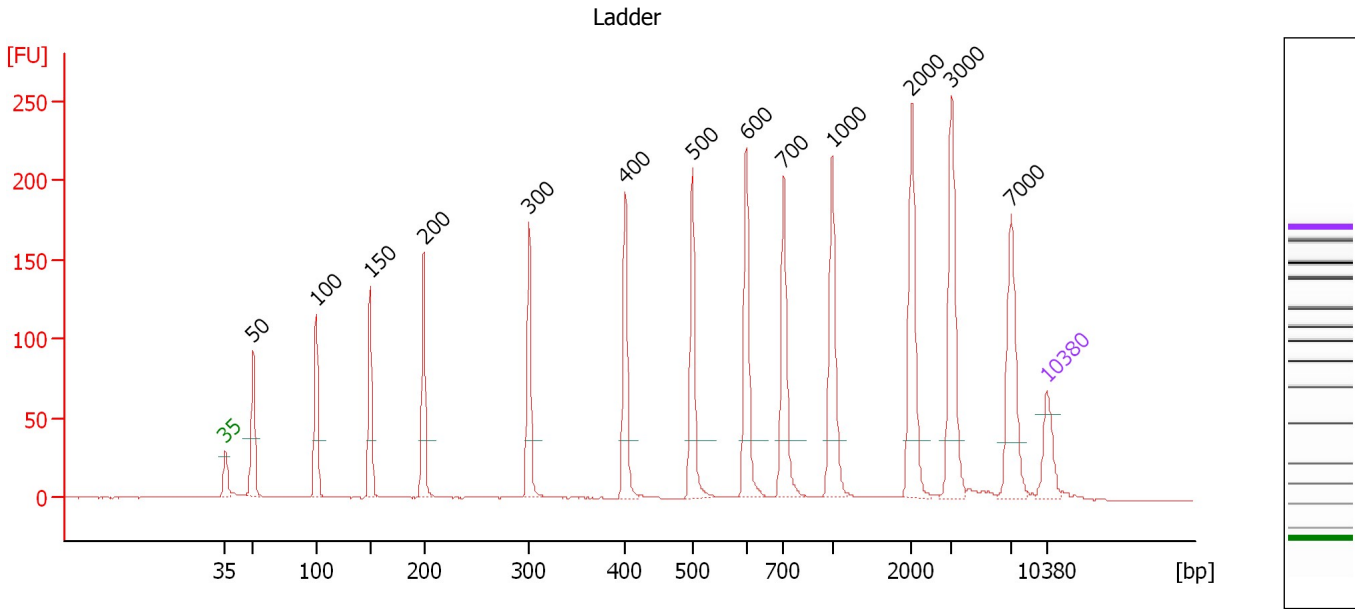
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

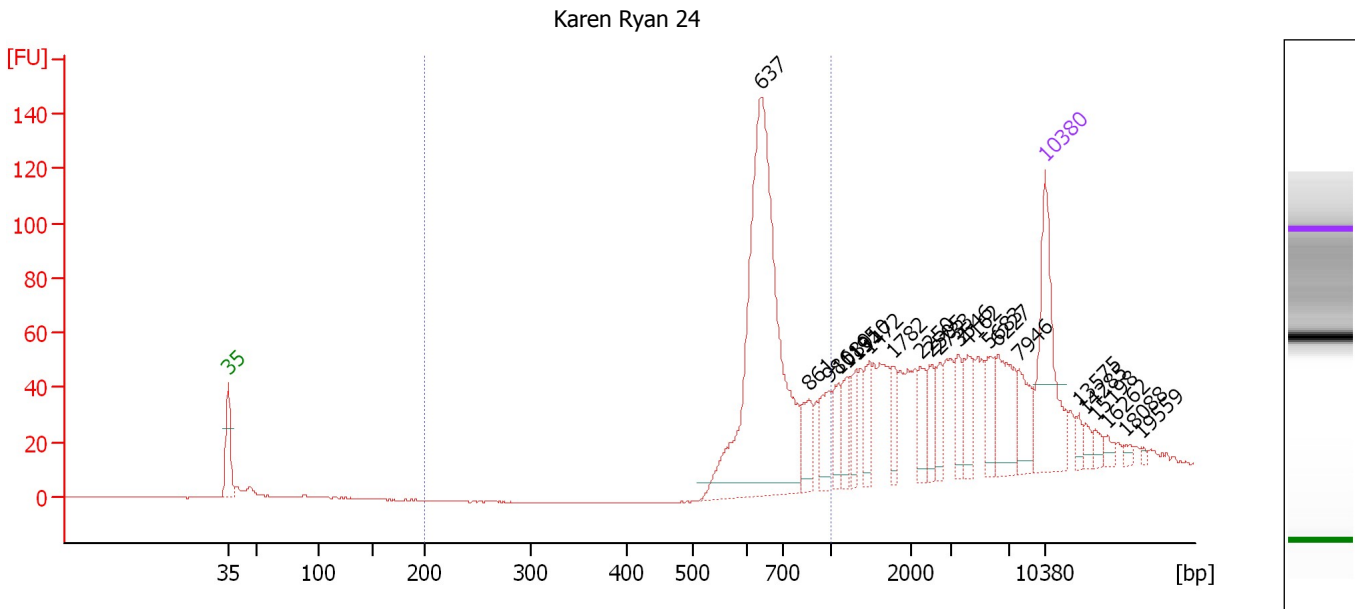
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.36
3	100	150.00	2,272.7	Ladder Peak	50.73
4	150	150.00	1,515.2	Ladder Peak	55.32
5	200	150.00	1,136.4	Ladder Peak	59.91
6	300	150.00	757.6	Ladder Peak	68.86
7	400	150.00	568.2	Ladder Peak	77.09
8	500	150.00	454.5	Ladder Peak	82.82
9	600	150.00	378.8	Ladder Peak	87.41
10	700	150.00	324.7	Ladder Peak	90.59
11	1,000	150.00	227.3	Ladder Peak	94.73
12	2,000	150.00	113.6	Ladder Peak	101.50
13	3,000	150.00	75.8	Ladder Peak	104.91
14	7,000	150.00	32.5	Ladder Peak	109.95
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Karen Ryan 24

Number of peaks found: 22 Corr. Area 1: 505.3
 Noise: 0.2

Peak table for sample 1 : Karen Ryan 24

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	637	366.60	871.4		88.60
3	861	27.12	47.8		92.80
4	986	27.23	41.8		94.54
5	1,080	19.03	26.7		95.27
6	1,195	19.72	25.0		96.05
7	1,310	16.44	19.0		96.83
8	1,472	20.64	21.3		97.92
9	1,782	15.25	13.0		100.02
10	2,250	17.57	11.8		102.35
11	2,505	16.45	9.9		103.22
12	2,733	14.23	7.9		104.00
13	3,546	17.08	7.3		105.60
14	4,162	23.73	8.6		106.37
15	5,683	19.86	5.3		108.29
16	6,227	42.61	10.4		108.98
17	7,946	26.17	5.0		110.81
18	10,380	75.00	10.9	Upper Marker	113.00
19	13,575	0.00	0.0		115.88
20	14,285	0.00	0.0		116.52
21	15,198	0.00	0.0		117.34
22	16,262	0.00	0.0		118.30
23	18,088	0.00	0.0		119.95
24	19,559	0.00	0.0		121.27

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...

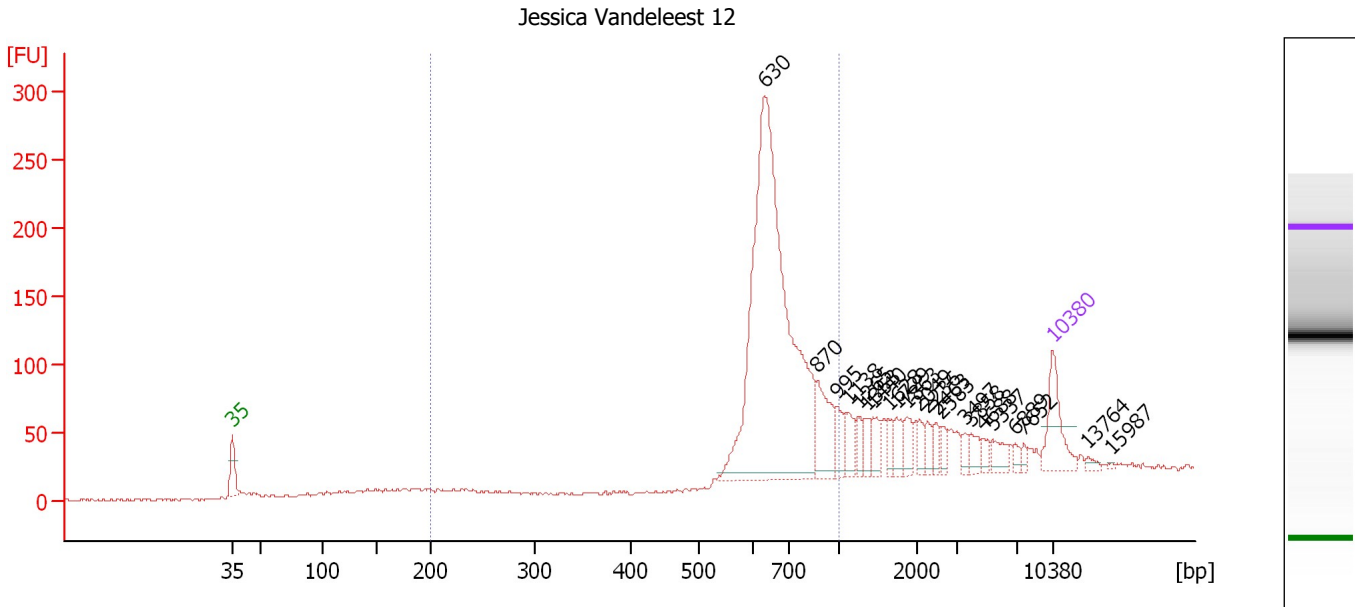
... Region table for sample 1 : Karen Ryan 24

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	691	505.3	829.2	370.37	42	15.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Jessica Vandeleest 12

Number of peaks found: 22 Corr. Area 1: 1,189.2
 Noise: 0.8

Peak table for sample 2 : Jessica Vandeleest 12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	630	1,067.15	2,564.8		88.38
3	870	99.86	174.0		92.93
4	995	38.03	57.9		94.66
5	1,138	34.06	45.4		95.66
6	1,265	22.54	27.0		96.52
7	1,353	22.05	24.7		97.12
8	1,440	31.30	32.9		97.71
9	1,628	20.38	19.0		98.98
10	1,729	29.00	25.4		99.66
11	1,863	26.71	21.7		100.57
12	2,049	19.23	14.2		101.67
13	2,236	19.45	13.2		102.30
14	2,463	17.74	10.9		103.08
15	2,583	16.60	9.7		103.49
16	3,497	12.94	5.6		105.54
17	3,858	21.27	8.4		105.99
18	4,688	13.23	4.3		107.04
19	5,337	23.05	6.5		107.86
20	6,889	10.34	2.3		109.81
21	7,652	8.01	1.6		110.54
22	10,380	75.00	10.9	Upper Marker	113.00
23	13,764	0.00	0.0		116.05
24	15,987	0.00	0.0		118.05

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...

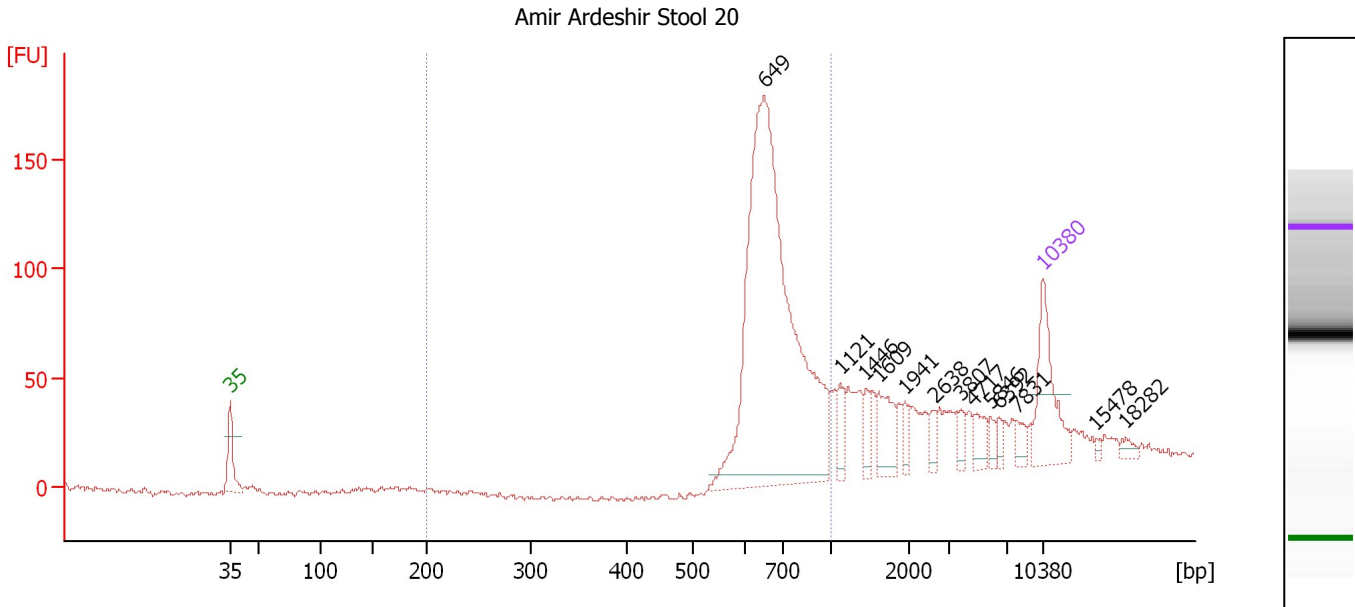
... Region table for sample 2 : Jessica Vandeleest 12

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	691	1,189.2	2,600.8	1,162.23	68	14.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Amir Ardeshir Stool 20

Number of peaks found: 13 Corr. Area 1: 771.4
 Noise: 1.2

Peak table for sample 3 : Amir Ardeshir Stool 20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	649	734.31	1,713.5		88.98
3	1,121	24.34	32.9		95.55
4	1,446	17.46	18.3		97.75
5	1,609	43.05	40.5		98.85
6	1,941	12.97	10.1		101.10
7	2,638	12.64	7.3		103.68
8	3,807	12.00	4.8		105.93
9	4,717	20.01	6.4		107.07
10	5,846	9.75	2.5		108.50
11	6,392	8.42	2.0		109.19
12	7,831	12.40	2.4		110.70
13	10,380	75.00	10.9	Upper Marker	113.00
14	15,478	0.00	0.0		117.59
15	18,282	0.00	0.0		120.12

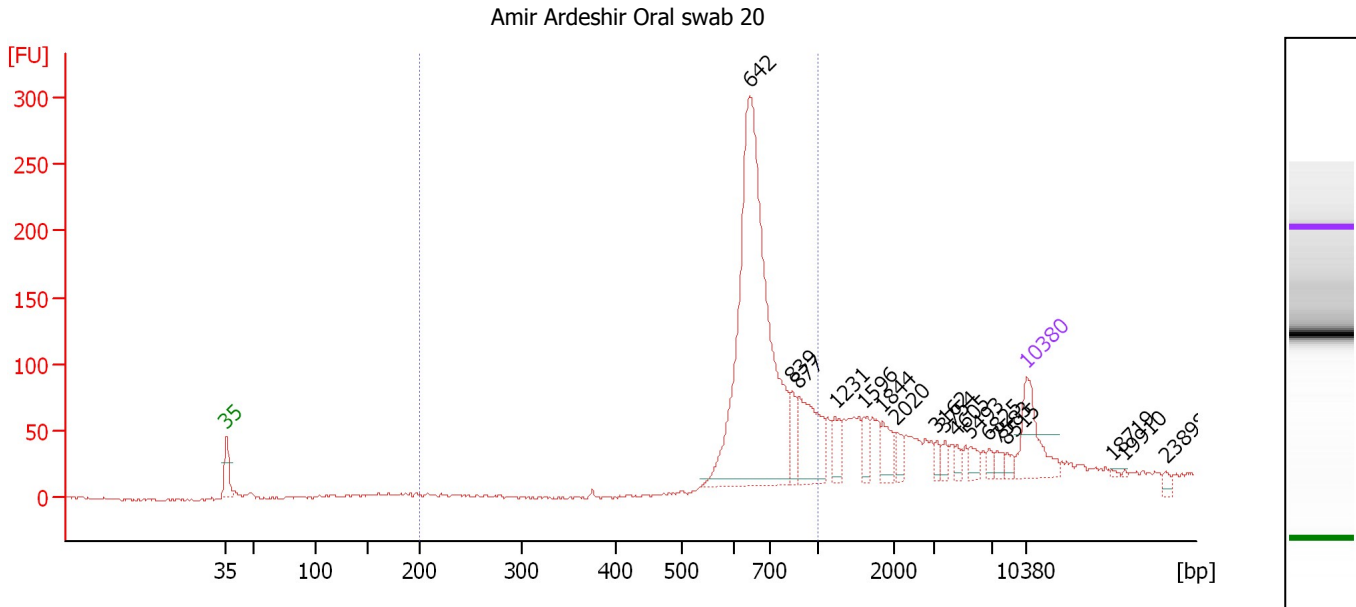
Region table for sample 3 : Amir Ardeshir Stool 20

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	699	771.4	1,425.9	646.70	62	14.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Amir Ardeshir Oral swab 20

Number of peaks found: 17 Corr. Area 1: 1,078.6
 Noise: 1.0

Peak table for sample 4 : Amir Ardeshir Oral swab 20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	642	793.80	1,874.5		88.73
3	839	38.51	69.5		92.51
4	877	121.38	209.8		93.03
5	1,231	30.32	37.3		96.29
6	1,596	25.60	24.3		98.77
7	1,844	33.34	27.4		100.45
8	2,020	16.43	12.3		101.57
9	3,162	10.86	5.2		105.11
10	3,754	12.08	4.9		105.86
11	4,605	10.94	3.6		106.93
12	5,493	14.83	4.1		108.05
13	6,825	10.00	2.2		109.73
14	7,583	10.82	2.2		110.48
15	8,515	9.12	1.6		111.32
16	10,380	75.00	10.9	Upper Marker	113.00
17	18,719	0.00	0.0		120.51
18	19,910	0.00	0.0		121.59
19	23,898	0.00	0.0		125.18

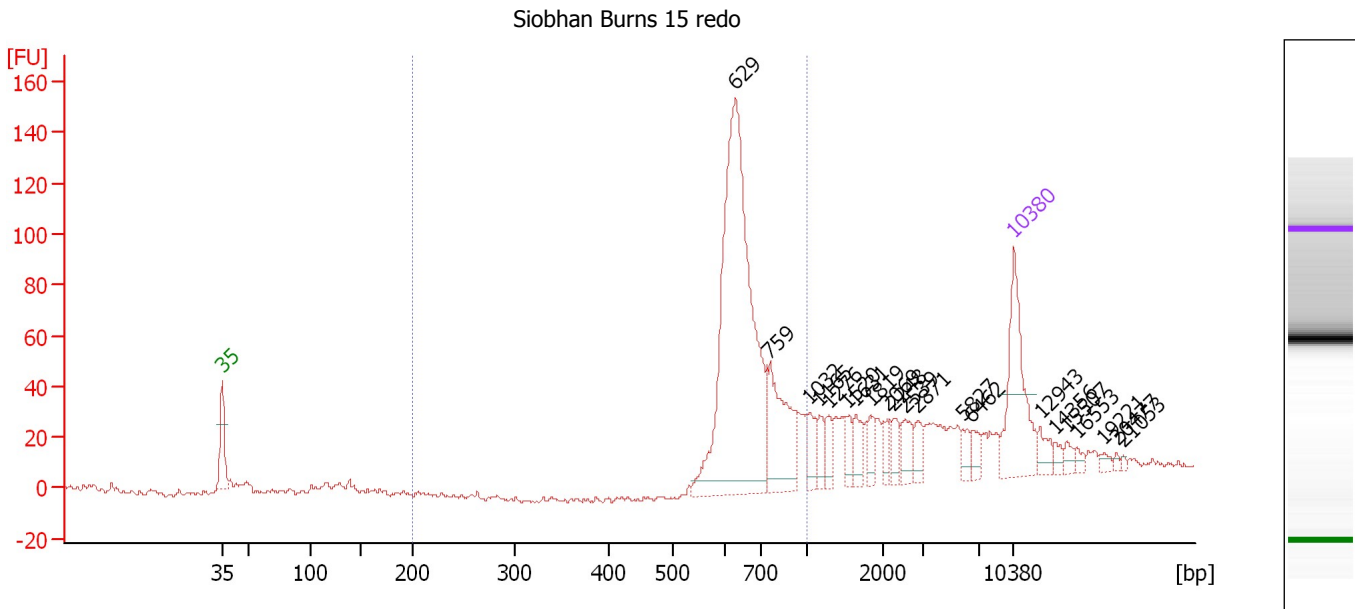
Region table for sample 4 : Amir Ardeshir Oral swab 20

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	698	1,078.6	1,979.6	895.50	65	14.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Siobhan Burns 15 redo

Number of peaks found: 21 Corr. Area 1: 569.2
 Noise: 1.0

Peak table for sample 5 : Siobhan Burns 15 redo

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	629	425.22	1,023.5		88.35
3	759	85.41	170.4		91.41
4	1,032	20.05	29.4		94.95
5	1,165	13.02	16.9		95.84
6	1,276	13.62	16.2		96.60
7	1,520	13.70	13.7		98.25
8	1,631	18.07	16.8		99.00
9	1,819	14.99	12.5		100.27
10	2,069	10.71	7.8		101.73
11	2,248	13.73	9.2		102.35
12	2,539	18.00	10.7		103.34
13	2,871	13.15	6.9		104.47
14	5,827	9.68	2.5		108.47
15	6,462	10.38	2.4		109.28
16	10,380	75.00	10.9	Upper Marker	113.00
17	12,943	0.00	0.0		115.31
18	14,356	0.00	0.0		116.58
19	15,507	0.00	0.0		117.62
20	16,553	0.00	0.0		118.56
21	19,221	0.00	0.0		120.97
22	20,477	0.00	0.0		122.10
23	21,053	0.00	0.0		122.62

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...

... Region table for sample 5 :

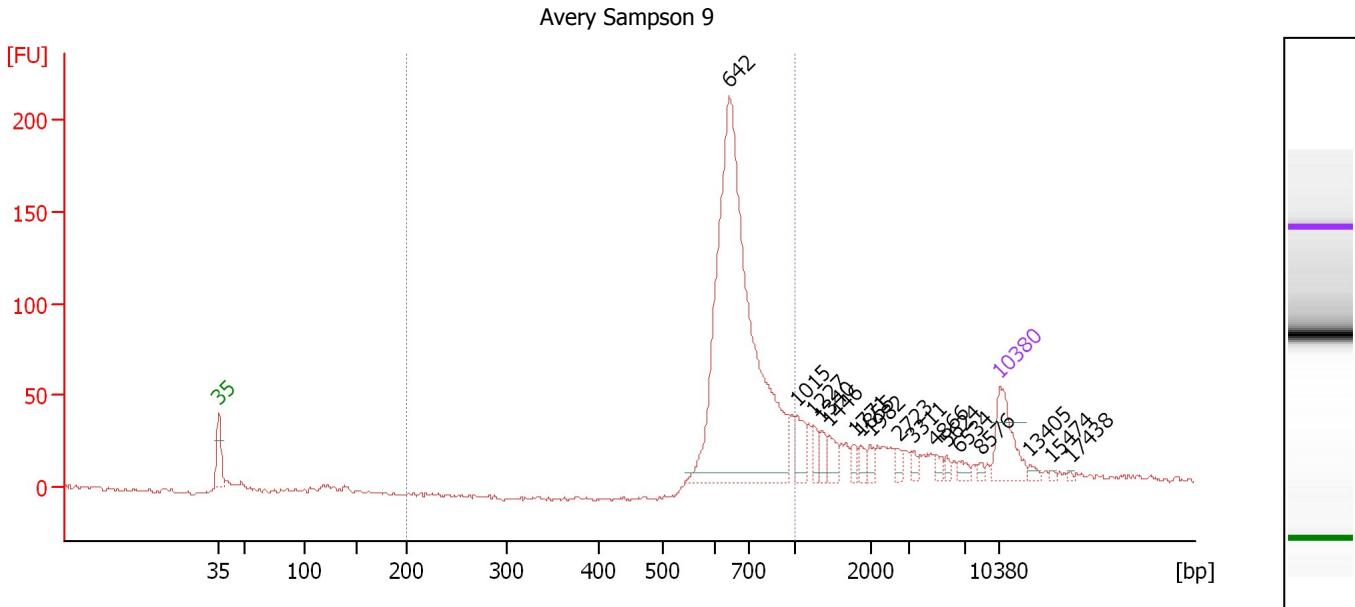
Siobhan Burns 15 redo

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	682	569.2	1,056.7	467.24	60	14.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Avery Sampson 9

Number of peaks found: 17 Corr. Area 1: 835.3
 Noise: 1.2

Peak table for sample 6 : Avery Sampson 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	642	1,041.54	2,456.6		88.76
3	1,015	42.44	63.3		94.83
4	1,227	20.72	25.6		96.27
5	1,340	18.38	20.8		97.03
6	1,446	26.48	27.8		97.75
7	1,771	13.46	11.5		99.95
8	1,855	14.36	11.7		100.52
9	1,982	13.76	10.5		101.38
10	2,723	12.22	6.8		103.96
11	3,311	9.14	4.2		105.30
12	4,866	11.03	3.4		107.26
13	5,624	7.66	2.1		108.22
14	6,534	11.96	2.8		109.37
15	8,576	5.36	0.9		111.37
16	10,380	75.00	10.9	Upper Marker	113.00
17	13,405	0.00	0.0		115.73
18	15,474	0.00	0.0		117.59
19	17,438	0.00	0.0		119.36

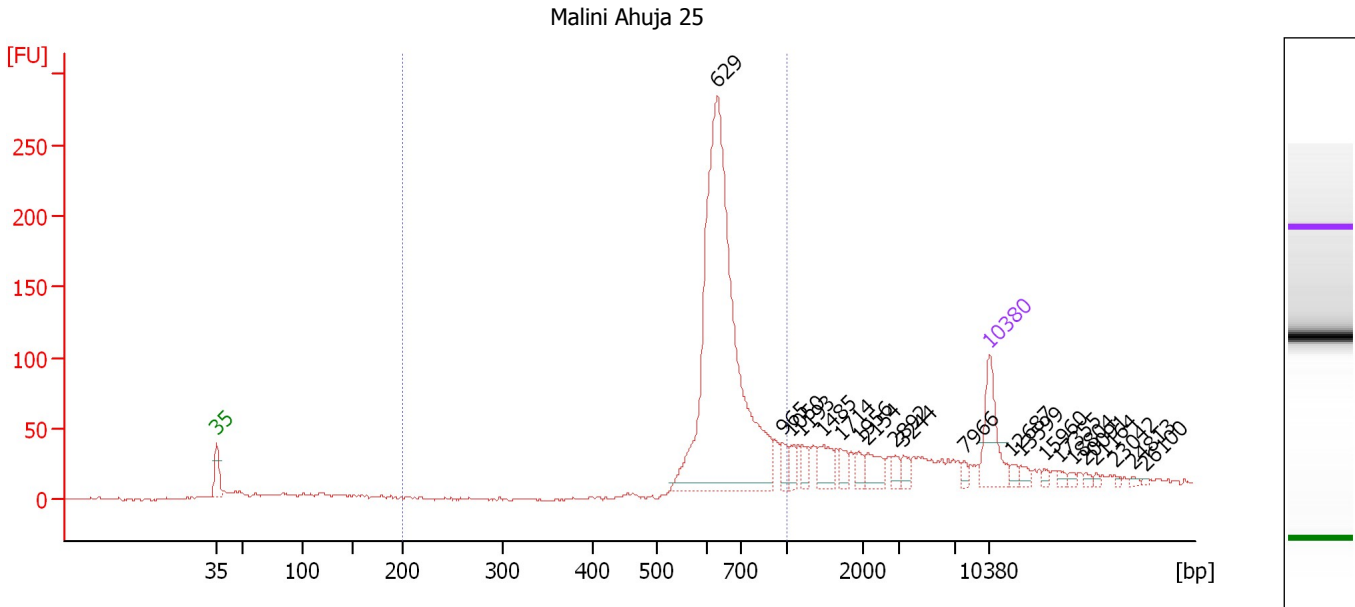
Region table for sample 6 : Avery Sampson 9

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	692	835.3	2,339.3	1,050.19	71	14.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Malini Ahuja 25

Number of peaks found: 21 Corr. Area 1: 1,007.0
 Noise: 0.7

Peak table for sample 7 : Malini Ahuja 25

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	629	922.50	2,220.6		88.35
3	965	22.31	35.0		94.24
4	1,050	19.57	28.2		95.06
5	1,193	21.15	26.9		96.03
6	1,485	37.78	38.5		98.01
7	1,714	20.16	17.8		99.56
8	1,956	15.10	11.7		101.20
9	2,154	30.14	21.2		102.03
10	2,892	13.12	6.9		104.54
11	3,244	13.48	6.3		105.22
12	7,966	7.41	1.4		110.82
13	10,380	75.00	10.9	Upper Marker	113.00
14	12,687	0.00	0.0		115.08
15	13,599	0.00	0.0		115.90
16	15,960	0.00	0.0		118.03
17	17,355	0.00	0.0		119.28
18	18,804	0.00	0.0		120.59
19	20,091	0.00	0.0		121.75
20	21,164	0.00	0.0		122.72
21	23,042	0.00	0.0		124.41
22	24,813	0.00	0.0		126.00
23	26,100	0.00	0.0		127.16

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
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Electropherogram Summary Continued ...

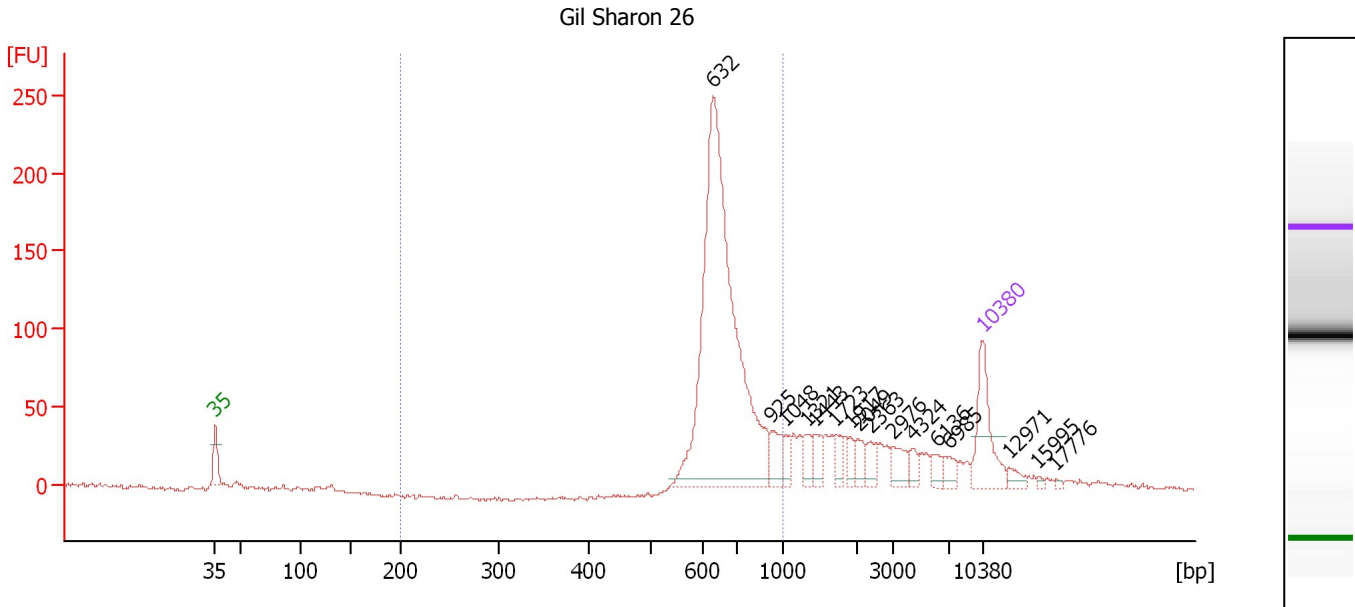
... Region table for sample 7 : Malini Ahuja 25

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	668	1,007.0	2,171.9	941.89	69	13.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
 Modified: 11/5/2015 9:49:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Gil Sharon 26

Number of peaks found: 16 Corr. Area 1: 940.6
 Noise: 1.2

Peak table for sample 8 : Gil Sharon 26

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	632	761.61	1,825.2		88.43
3	925	36.23	59.4		93.69
4	1,048	16.45	23.8		95.05
5	1,321	19.41	22.3		96.90
6	1,443	21.31	22.4		97.73
7	1,723	17.85	15.7		99.62
8	1,917	13.33	10.5		100.94
9	2,049	18.94	14.0		101.67
10	2,363	18.89	12.1		102.74
11	2,976	26.96	13.7		104.83
12	4,324	13.11	4.6		106.58
13	6,136	13.98	3.5		108.87
14	6,985	16.21	3.5		109.94
15	10,380	75.00	10.9	Upper Marker	113.00
16	12,971	0.00	0.0		115.33
17	15,995	0.00	0.0		118.06
18	17,776	0.00	0.0		119.66

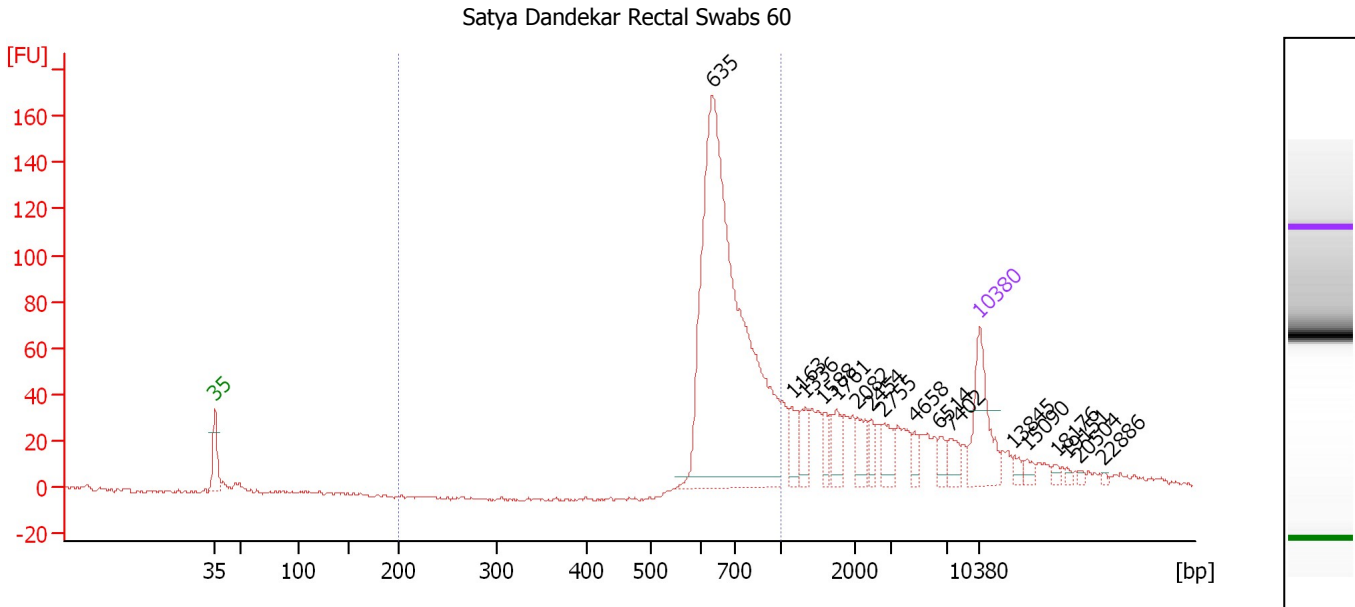
Region table for sample 8 : Gil Sharon 26

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	682	940.6	1,795.5	795.52	64	13.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
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Electropherogram Summary Continued ...



Overall Results for sample 9 : Satya Dandekar Rectal Swabs 60

Number of peaks found: 17 Corr. Area 1: 737.4
 Noise: 0.7

Peak table for sample 9 : Satya Dandekar Rectal Swabs 60

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	635	823.46	1,965.8		88.51
3	1,163	30.51	39.8		95.83
4	1,336	27.82	31.6		97.00
5	1,588	19.52	18.6		98.71
6	1,761	33.48	28.8		99.88
7	2,082	28.27	20.6		101.78
8	2,454	15.85	9.8		103.05
9	2,755	23.89	13.1		104.07
10	4,658	11.70	3.8		107.00
11	6,514	12.85	3.0		109.34
12	7,402	20.01	4.1		110.32
13	10,380	75.00	10.9	Upper Marker	113.00
14	13,845	0.00	0.0		116.12
15	15,090	0.00	0.0		117.24
16	18,176	0.00	0.0		120.02
17	19,151	0.00	0.0		120.90
18	20,504	0.00	0.0		122.12
19	22,886	0.00	0.0		124.27

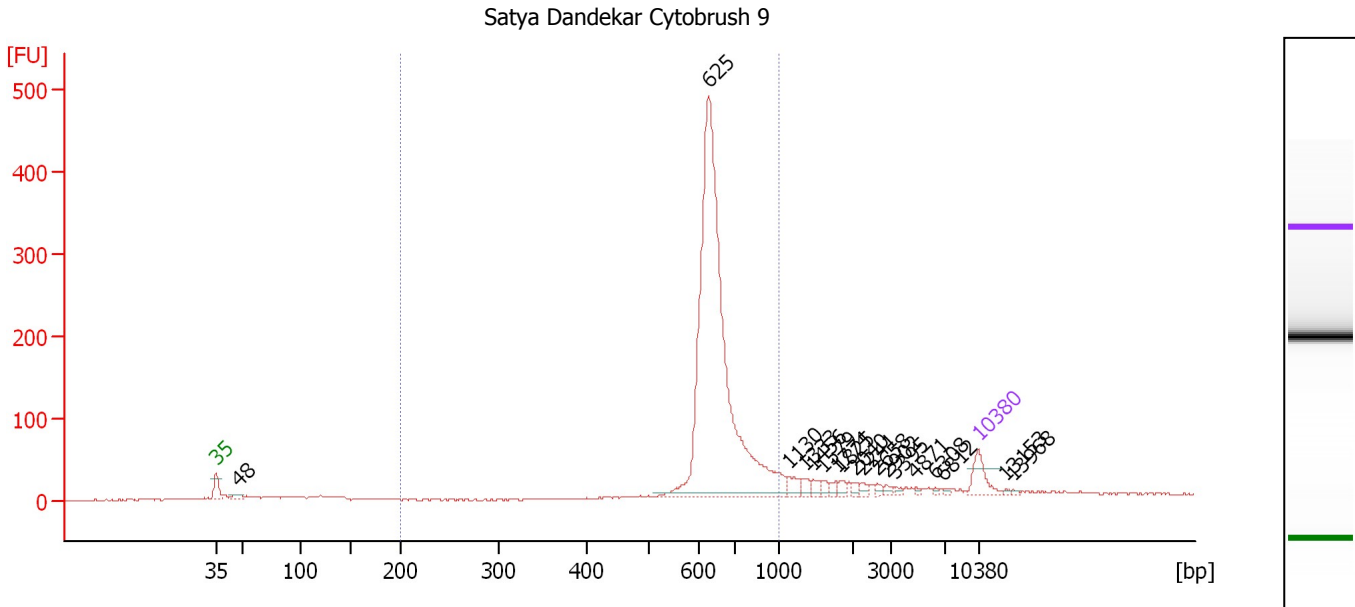
Region table for sample 9 : Satya Dandekar Rectal Swabs 60

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	704	737.4	1,732.9	790.43	58	14.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : Satya Dandekar Cytobrush 9

Number of peaks found: 18 Corr. Area 1: 1,379.2
 Noise: 1.0

Peak table for sample 10 : Satya Dandekar Cytobrush 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	48	33.33	1,057.8		45.01
3	625	2,146.52	5,201.4		88.21
4	1,130	43.04	57.7		95.61
5	1,333	23.04	26.2		96.98
6	1,456	23.32	24.3		97.81
7	1,579	16.43	15.8		98.65
8	1,774	14.38	12.3		99.97
9	1,825	17.84	14.8		100.31
10	2,040	11.94	8.9		101.64
11	2,241	16.23	11.0		102.32
12	2,658	11.97	6.8		103.74
13	2,902	12.64	6.6		104.57
14	3,395	9.52	4.2		105.41
15	4,871	6.66	2.1		107.27
16	6,308	6.55	1.6		109.08
17	6,812	6.97	1.5		109.72
18	10,380	75.00	10.9	Upper Marker	113.00
19	13,153	0.00	0.0		115.50
20	13,968	0.00	0.0		116.23

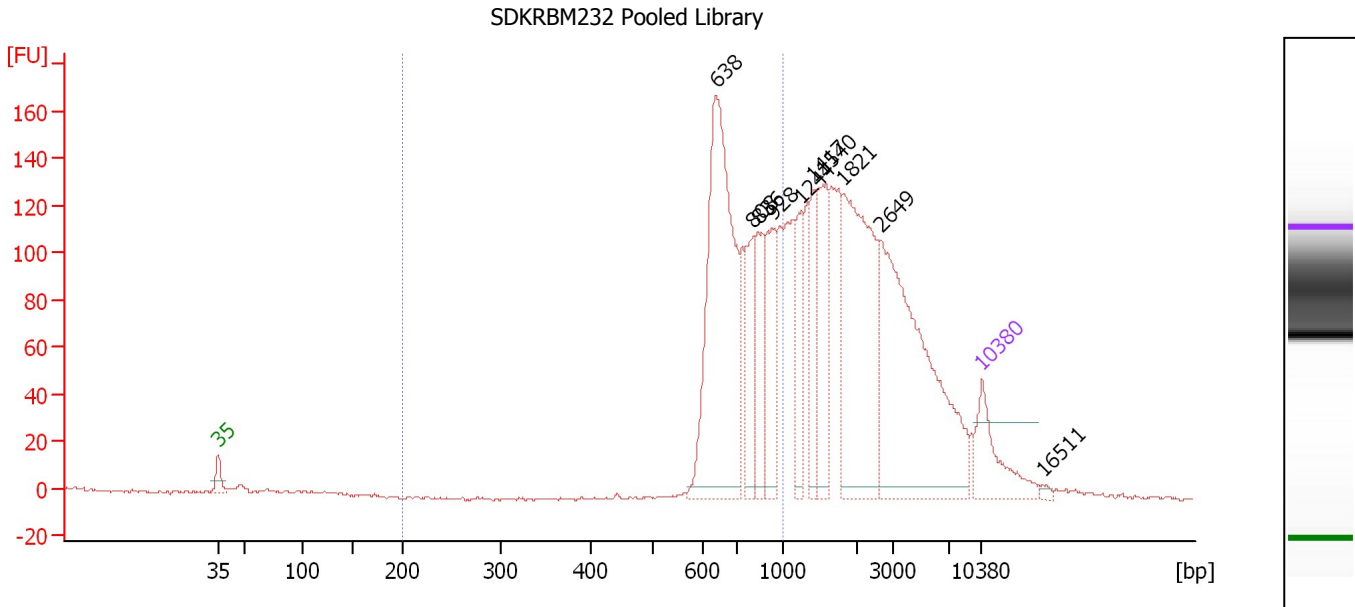
Region table for sample 10 : Satya Dandekar Cytobrush 9

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	661	1,379.2	4,909.9	2,116.68	78	12.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : SDKRBM232 Pooled Library

Number of peaks found: 10 Corr. Area 1: 942.0
 Noise: 0.5

Peak table for sample 11 : SDKRBM232 Pooled Library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	638	504.15	1,197.9		88.61
3	808	97.98	183.8		92.08
4	836	110.47	200.2		92.47
5	928	116.68	190.4		93.74
6	1,244	77.33	94.2		96.38
7	1,417	74.77	79.9		97.55
8	1,540	123.05	121.1		98.38
9	1,821	317.47	264.1		100.29
10	2,649	415.17	237.5		103.71
11	10,380	75.00	10.9	Upper Marker	113.00
12	16,511	0.00	0.0		118.52

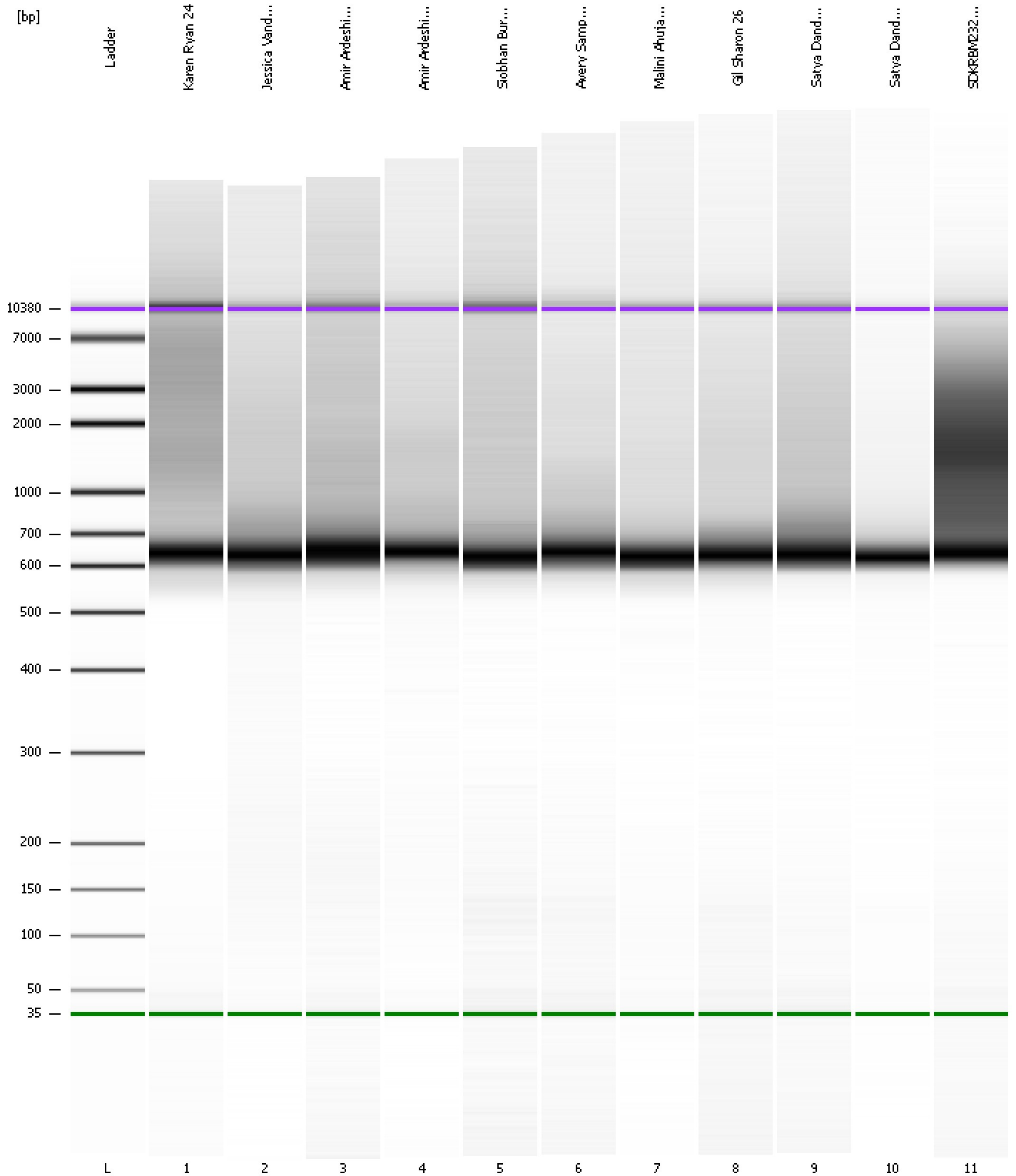
Region table for sample 11 : SDKRBM232 Pooled Library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	751	942.0	1,896.5	916.84	37	16.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
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Gel Image

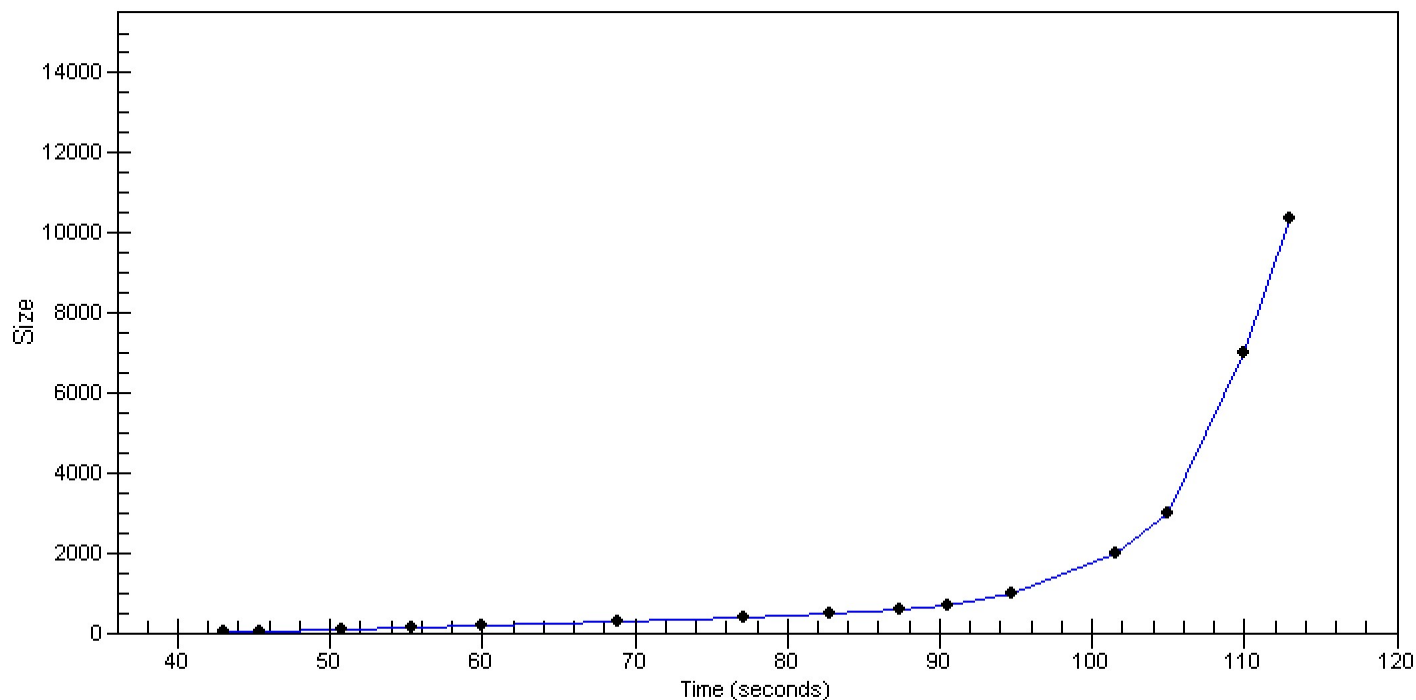


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad

Created: 11/5/2015 9:08:32 AM
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Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay Created: 11/5/2015 9:08:32 AM
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad Modified: 11/5/2015 9:49:54 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		11/5/2015 7:49:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-11-05\2015-11-05_001.xad)		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		11/5/2015 7:08:38 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1