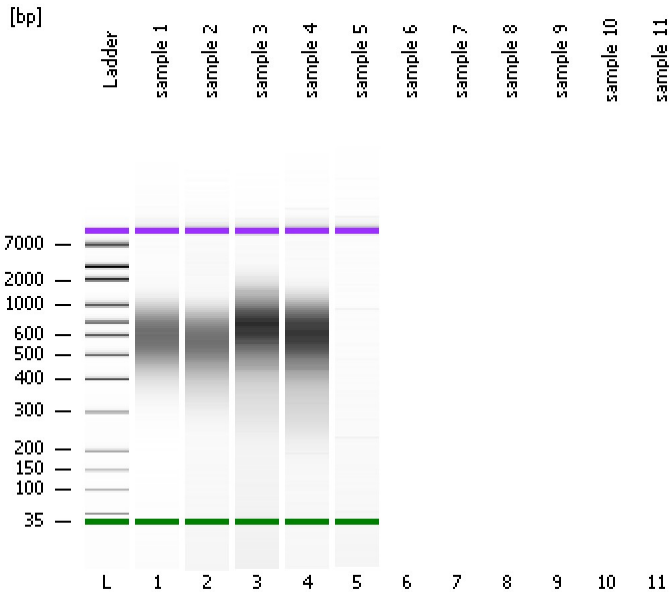


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
Modified: 2/1/2018 11:11:32 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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

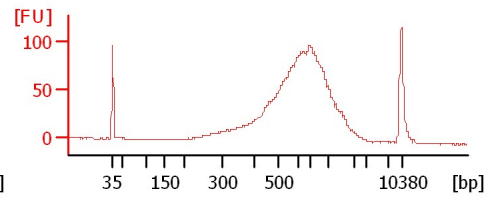
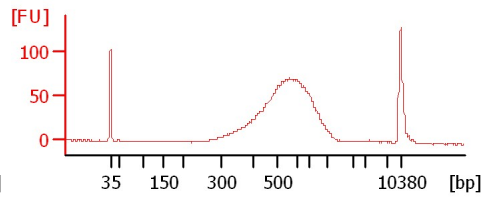
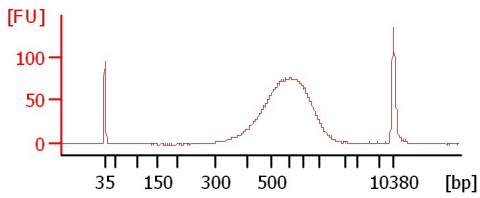
Chip Information:

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

sample 1

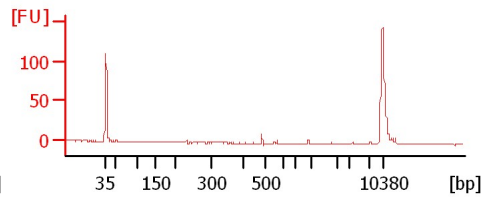
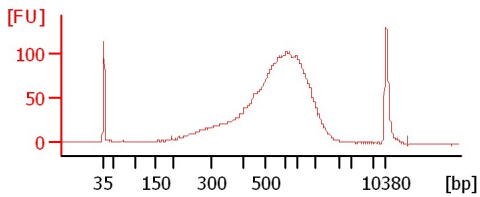
sample 2

sample 3



sample 4

sample 5



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input type="checkbox"/>				
sample 7		<input type="checkbox"/>				
sample 8		<input type="checkbox"/>				
sample 9		<input type="checkbox"/>				
sample 10		<input type="checkbox"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

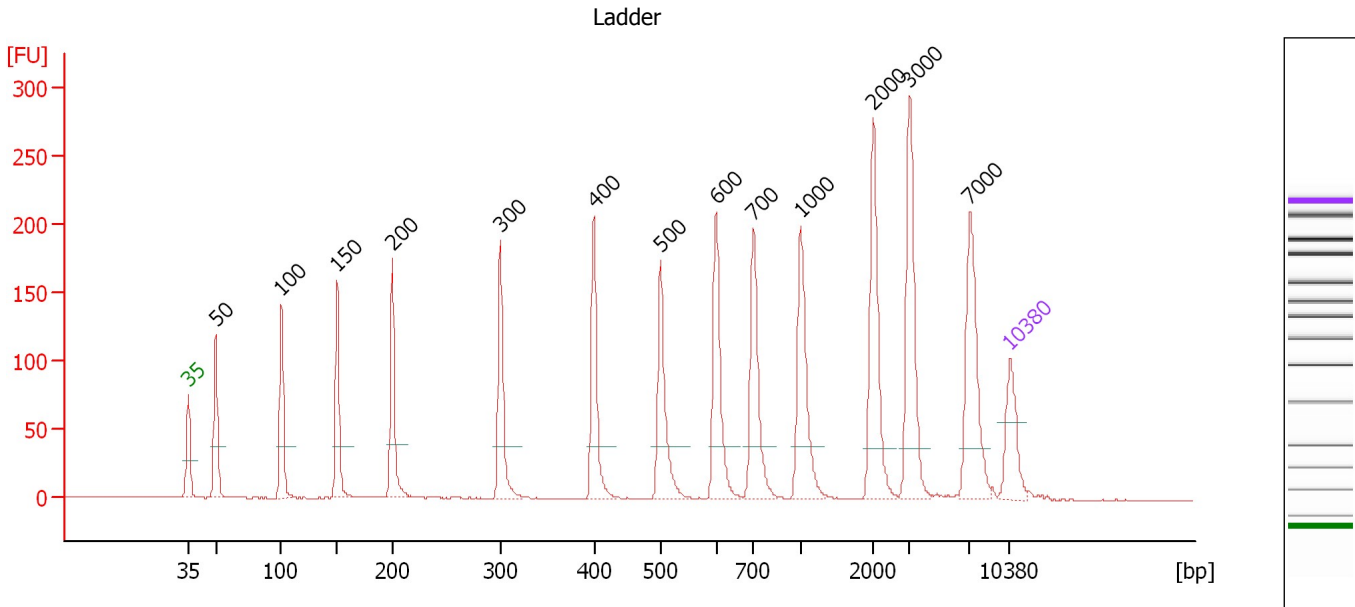
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

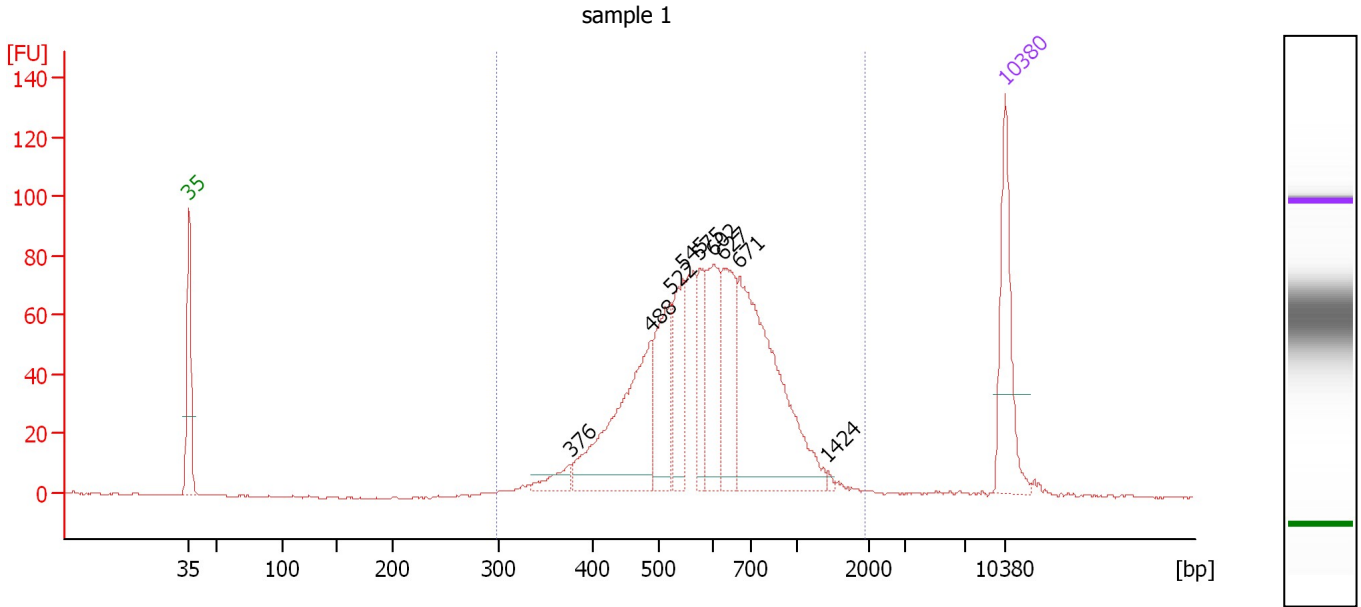
Peak table for Ladder

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	50.95
4	150	150.00	1,515.2	Ladder Peak	55.72
5	200	150.00	1,136.4	Ladder Peak	60.40
6	300	150.00	757.6	Ladder Peak	69.62
7	400	150.00	568.2	Ladder Peak	77.57
8	500	150.00	454.5	Ladder Peak	83.25
9	600	150.00	378.8	Ladder Peak	87.97
10	700	150.00	324.7	Ladder Peak	91.15
11	1,000	150.00	227.3	Ladder Peak	95.19
12	2,000	150.00	113.6	Ladder Peak	101.37
13	3,000	150.00	75.8	Ladder Peak	104.46
14	7,000	150.00	32.5	Ladder Peak	109.59
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : sample 1

Number of peaks found: 9 Corr. Area 1: 1,259.2
 Noise: 0.2

Peak table for sample 1 : sample 1

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	376	19.73	79.5		75.67
3	488	195.65	607.2		82.58
4	522	94.32	274.0		84.27
5	545	76.22	212.0		85.37
6	575	50.75	133.8		86.78
7	602	89.80	226.2		88.02
8	627	91.53	221.0		88.84
9	671	262.85	593.9		90.22
10	1,424	2.71	2.9		97.81
11	10,380	75.00	10.9	Upper Marker	113.00

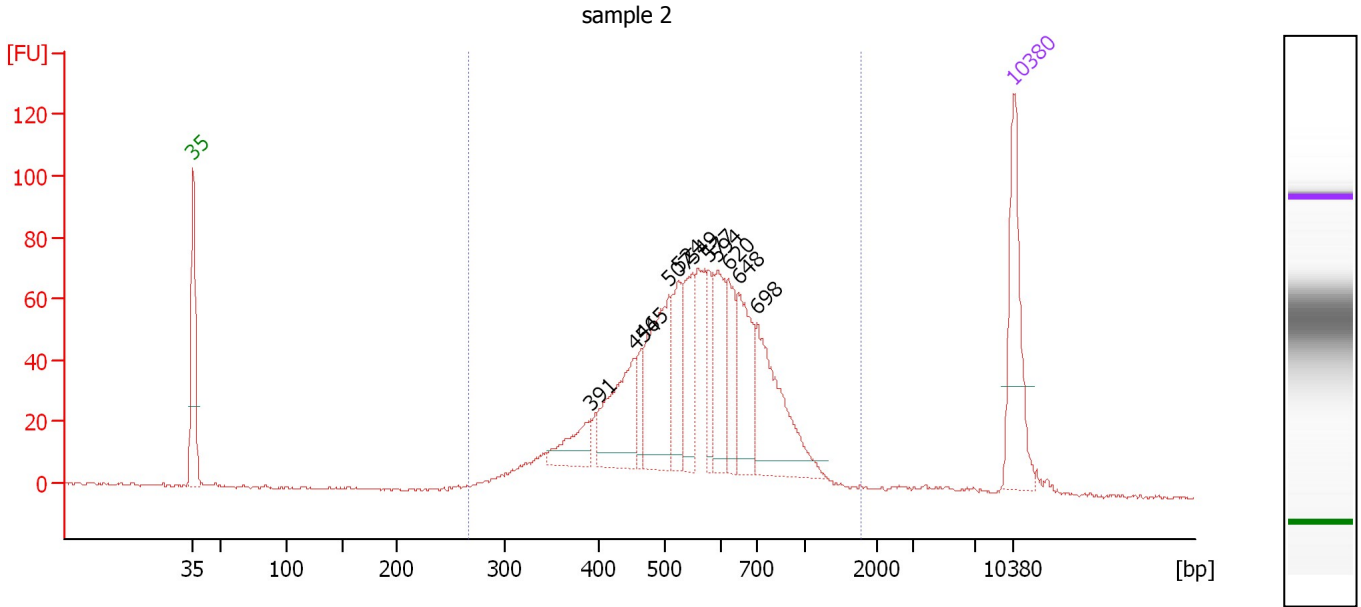
Region table for sample 1 : sample 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
297	1,940	631	1,259.2	1,003.60	2,667.2	98	32.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 11 Corr. Area 1: 1,266.0
 Noise: 0.4

Peak table for sample 2 : sample 2

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	391	38.45	148.9		76.89
3	454	92.20	307.9		80.62
4	465	25.05	81.7		81.25
5	507	115.62	345.6		83.57
6	524	50.25	145.2		84.39
7	549	61.84	170.6		85.57
8	577	37.22	97.7		86.89
9	594	58.94	150.2		87.71
10	620	45.60	111.4		88.62
11	648	72.62	169.9		89.48
12	698	114.74	249.2		91.08
13	10,380	75.00	10.9	Upper Marker	113.00

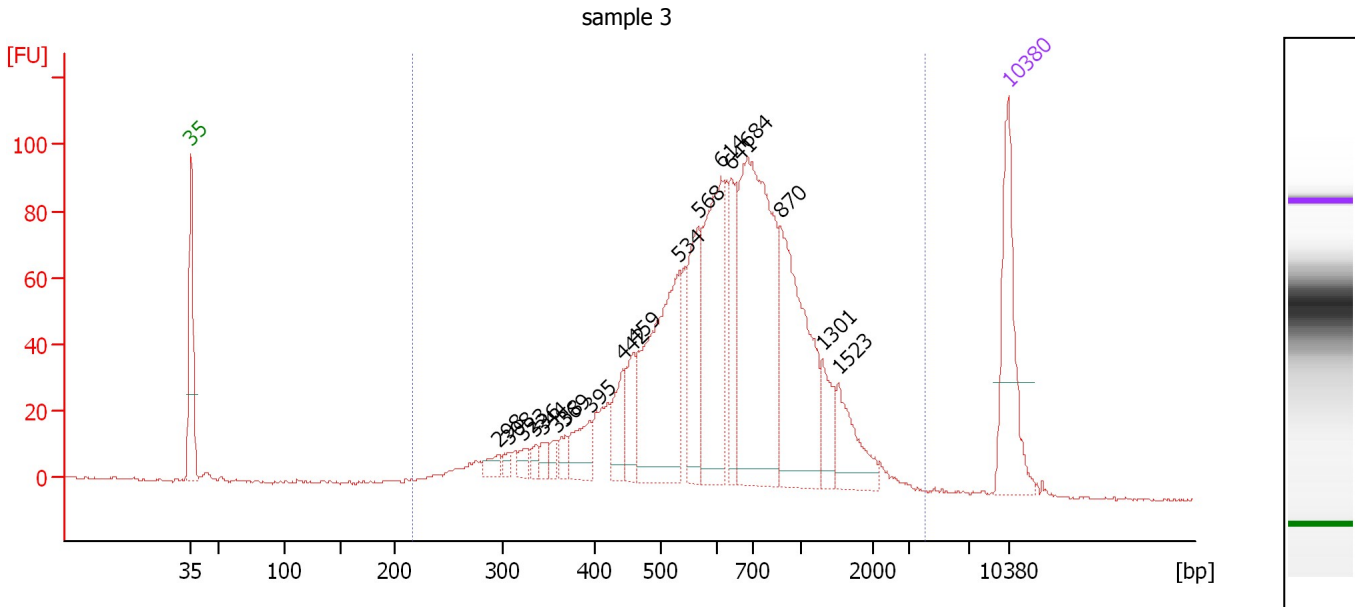
Region table for sample 2 : sample 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
266	1,758	577	1,266.0	994.05	2,894.1	97	30.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 18 Corr. Area 1: 1,801.5
 Noise: 0.4

Peak table for sample 3 : sample 3

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	298	12.34	62.8		69.41
3	308	6.98	34.3		70.28
4	323	10.38	48.7		71.47
5	336	8.08	36.5		72.47
6	344	10.62	46.8		73.11
7	358	8.55	36.2		74.25
8	369	12.54	51.5		75.08
9	395	33.70	129.2		77.18
10	442	34.23	117.3		79.96
11	459	34.34	113.3		80.92
12	534	175.15	496.9		84.85
13	568	86.08	229.7		86.45
14	614	142.49	351.6		88.42
15	641	63.92	151.0		89.29
16	684	269.66	596.9		90.66
17	870	162.86	283.6		93.44
18	1,301	28.06	32.7		97.05
19	1,523	41.79	41.6		98.42
20	10,380	75.00	10.9	Upper Marker	113.00

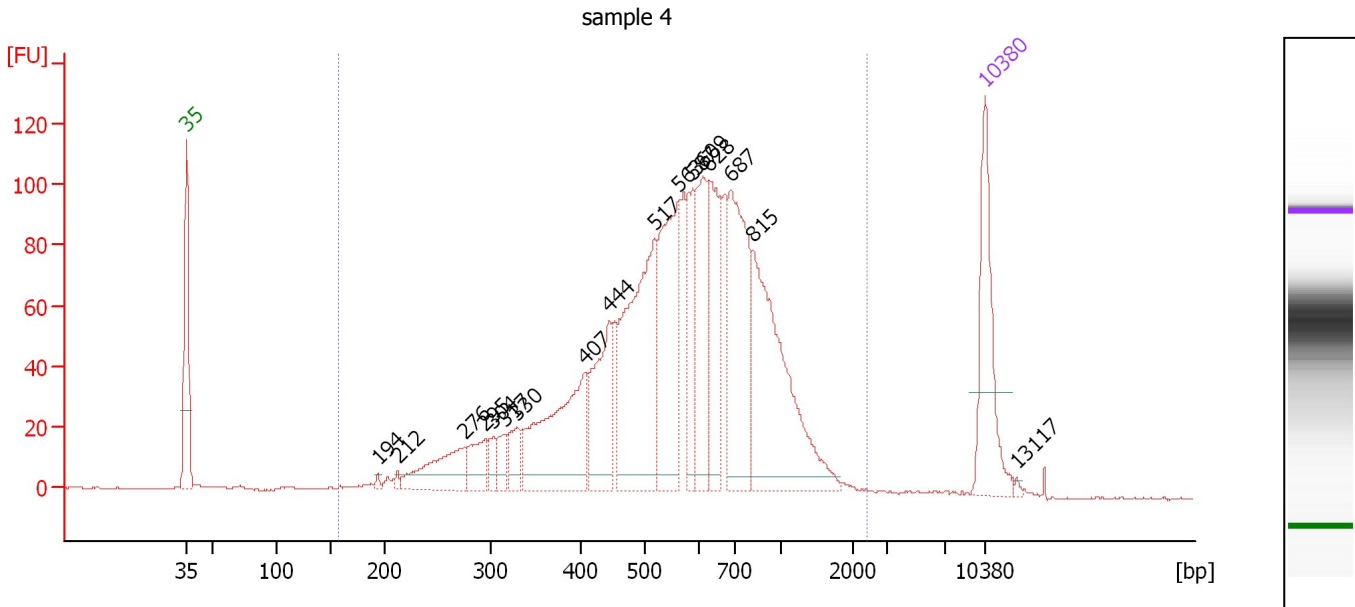
Region table for sample 3 : sample 3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
217	4,069	729	1,801.5	1,352.43	3,597.7	99	52.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 17 Corr. Area 1: 2,135.6
 Noise: 0.4

Peak table for sample 4 : sample 4

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	194	3.66	28.6		59.83
3	212	4.36	31.2		61.52
4	276	71.49	392.4		67.41
5	295	31.85	163.4		69.19
6	304	14.98	74.7		69.93
7	317	21.34	102.0		70.96
8	330	27.03	124.1		71.99
9	407	147.36	548.3		77.98
10	444	92.07	314.0		80.08
11	517	214.24	627.7		84.06
12	563	147.36	396.8		86.21
13	587	67.04	172.9		87.38
14	609	87.18	216.8		88.26
15	628	88.84	214.2		88.87
16	687	150.43	331.7		90.74
17	815	202.40	376.1		92.71
18	10,380	75.00	10.9	Upper Marker	113.00
19	13,117	0.00	0.0		115.76

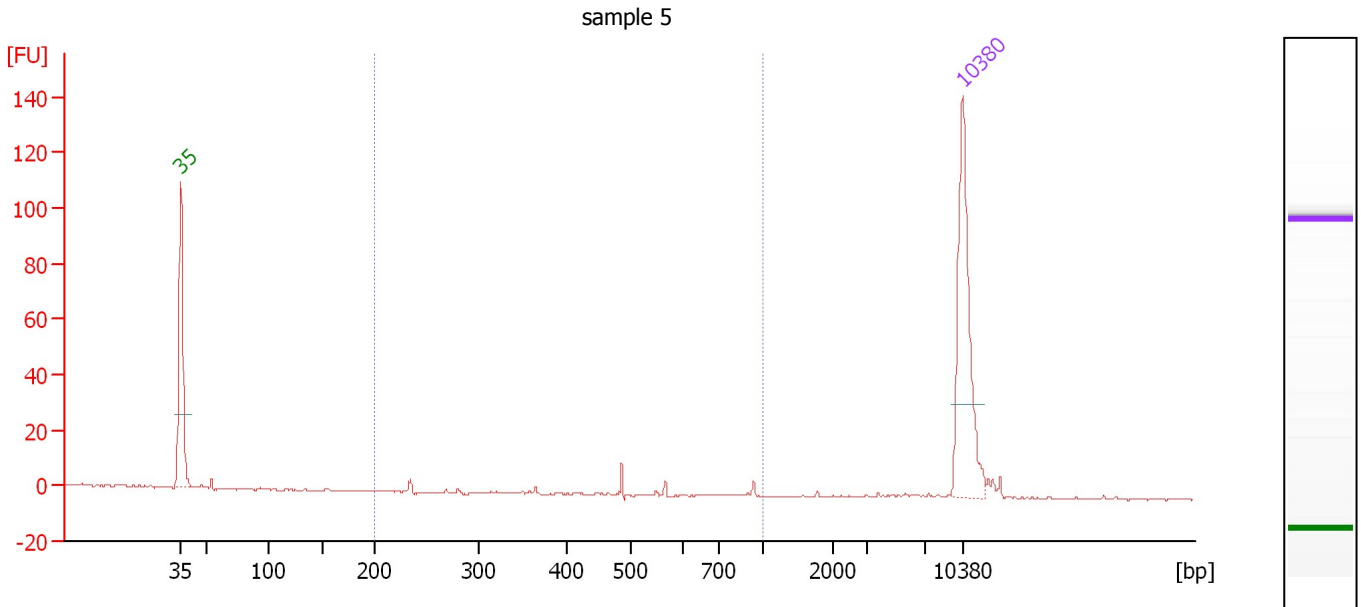
Region table for sample 4 : sample 4

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
156	2,429	611	2,135.6	1,553.82	4,786.4	99	42.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
 Modified: 2/1/2018 11:11:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 0 Corr. Area 1: 7.1
 Noise: 0.4

Peak table for sample 5 : sample 5

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	10,380	75.00	10.9	Upper Marker	113.00

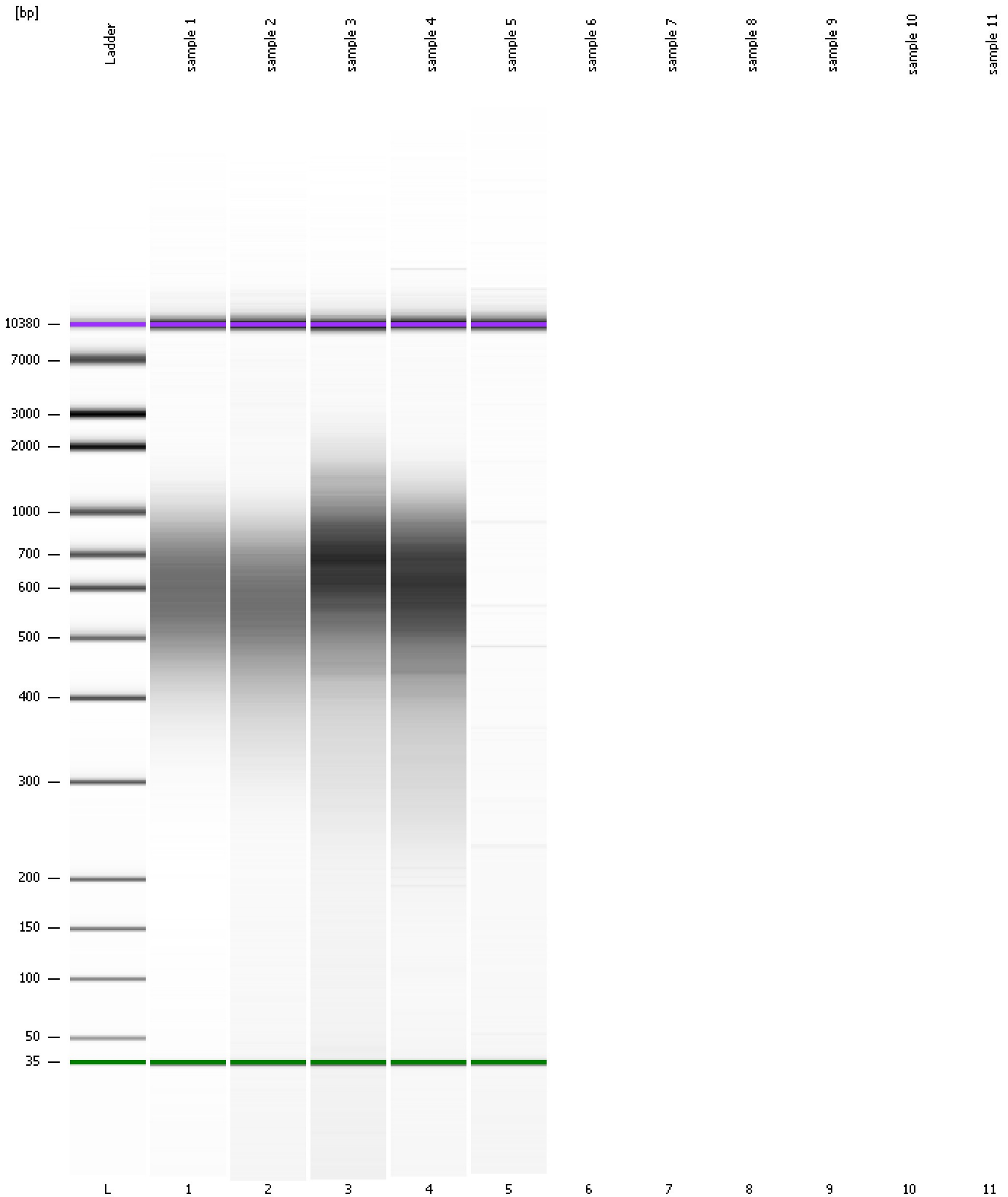
Region table for sample 5 : sample 5

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	537	7.1	5.06	19.5	33	42.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
Modified: 2/1/2018 11:11:32 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\data\2018-01-31\2018-02-01\2018-02-01_001.xad

Created: 2/1/2018 10:45:20 AM
Modified: 2/1/2018 11:11:32 AM

Invalid Samples

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.