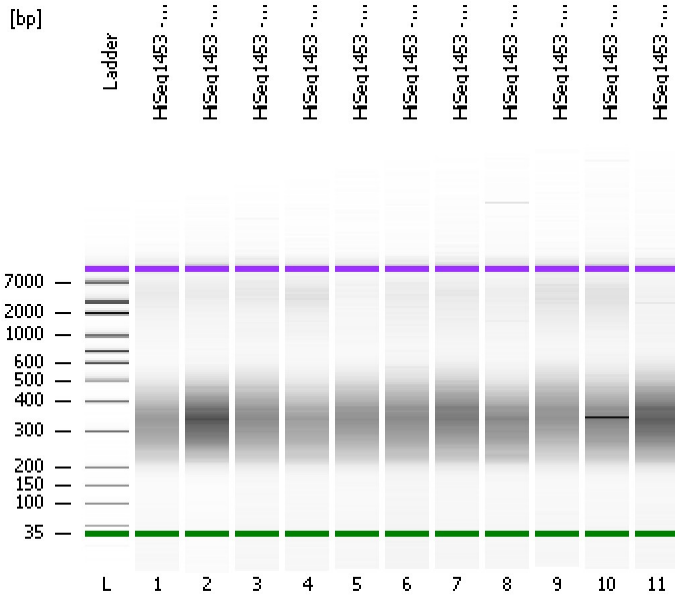


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
Modified: 8/15/2018 3:36:37 PM

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

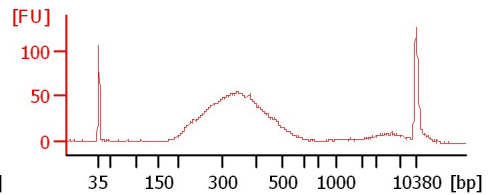
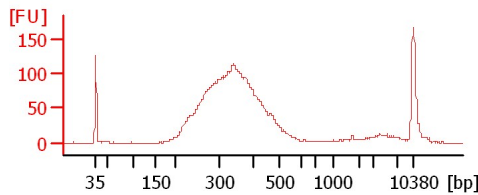
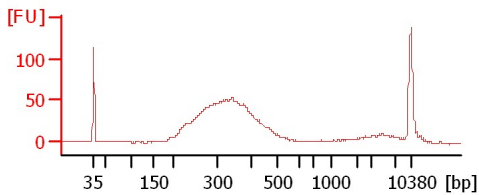
Chip Information:

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

HiSeq1453 - 23 library

HiSeq1453 - 24 library

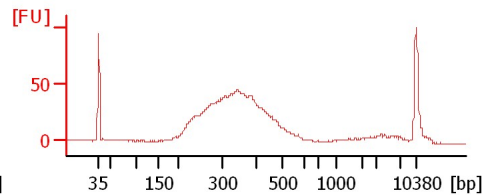
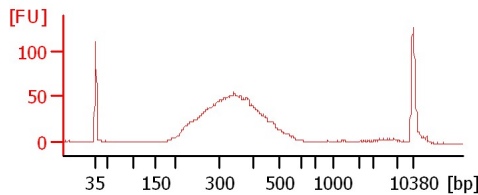
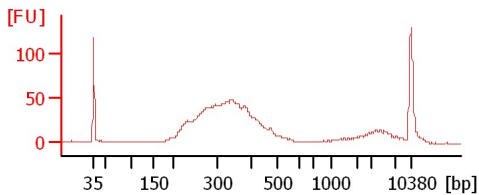
HiSeq1453 - 25 library



HiSeq1453 - 26 library

HiSeq1453 - 27 library

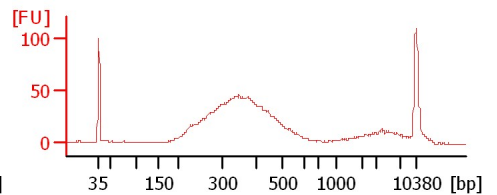
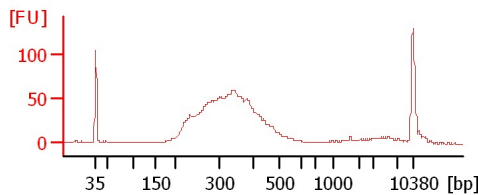
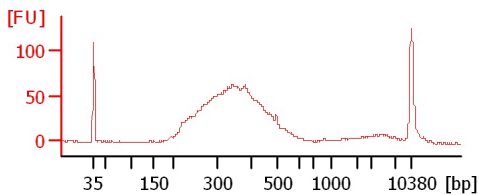
HiSeq1453 - 28 library



HiSeq1453 - 29 library

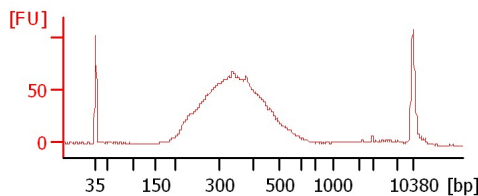
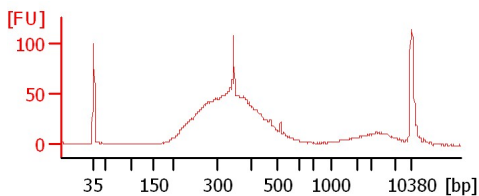
HiSeq1453 - 30 library

HiSeq1453 - 31 library



HiSeq1453 - 32 library

HiSeq1453 - 33 library



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
Modified: 8/15/2018 3:36:37 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
HiSeq1453 - 23 library		<input type="checkbox"/>	✓			
HiSeq1453 - 24 library		<input type="checkbox"/>	✓			
HiSeq1453 - 25 library		<input type="checkbox"/>	✓			
HiSeq1453 - 26 library		<input type="checkbox"/>	✓			
HiSeq1453 - 27 library		<input type="checkbox"/>	✓			
HiSeq1453 - 28 library		<input type="checkbox"/>	✓			
HiSeq1453 - 29 library		<input type="checkbox"/>	✓			
HiSeq1453 - 30 library		<input type="checkbox"/>	✓			
HiSeq1453 - 31 library		<input type="checkbox"/>	✓			
HiSeq1453 - 32 library		<input type="checkbox"/>	✓			
HiSeq1453 - 33 library		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
Modified: 8/15/2018 3:36:37 PM

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/μl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/μl] : 125
Upper Marker Concentration [pg/μl] : 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

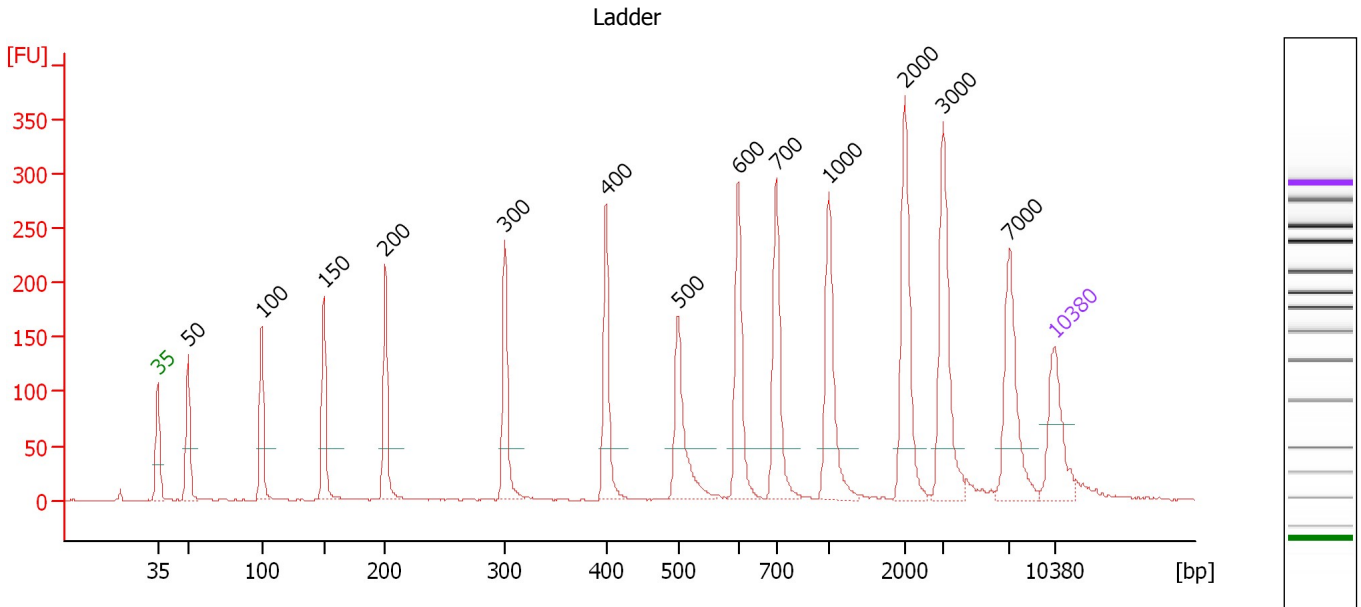
Ladder

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:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

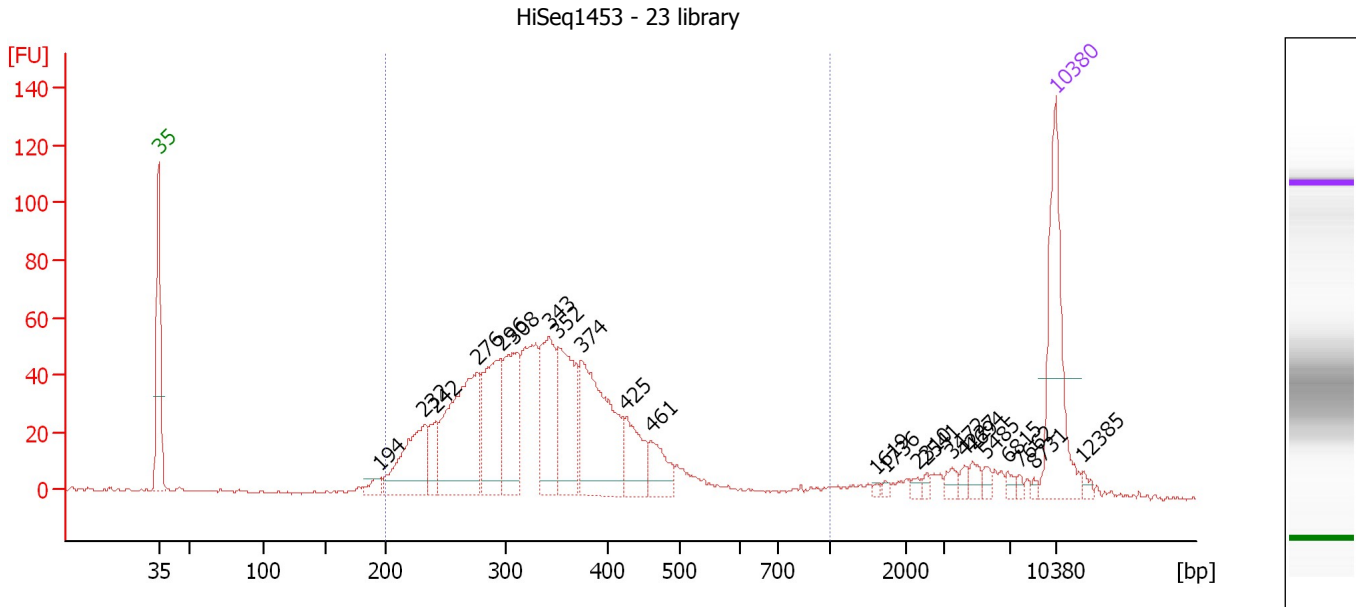
Peak table for Ladder

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	45.38
3	100	150.00	2,272.7	Ladder Peak	51.13
4	150	150.00	1,515.2	Ladder Peak	55.98
5	200	150.00	1,136.4	Ladder Peak	60.77
6	300	150.00	757.6	Ladder Peak	70.10
7	400	150.00	568.2	Ladder Peak	78.00
8	500	150.00	454.5	Ladder Peak	83.62
9	600	150.00	378.8	Ladder Peak	88.33
10	700	150.00	324.7	Ladder Peak	91.25
11	1,000	150.00	227.3	Ladder Peak	95.36
12	2,000	150.00	113.6	Ladder Peak	101.30
13	3,000	150.00	75.8	Ladder Peak	104.32
14	7,000	150.00	32.5	Ladder Peak	109.48
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : HiSeq1453 - 23 library

Number of peaks found: 23 Corr. Area 1: 1,155.1
 Noise: 0.3

Peak table for sample 1 : HiSeq1453 - 23 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	194	9.91	77.4		60.21
3	232	79.73	521.2		63.74
4	242	24.30	152.3		64.66
5	276	149.21	818.9		67.86
6	296	93.02	476.2		69.72
7	308	81.13	398.9		70.74
8	343	78.76	348.1		73.48
9	352	80.34	345.7		74.22
10	374	130.04	526.2		75.98
11	425	39.92	142.2		79.41
12	461	28.61	94.1		81.41
13	1,619	1.69	1.6		99.04
14	1,736	2.11	1.8		99.73
15	2,310	2.98	2.0		102.24
16	2,541	2.91	1.7		102.93
17	3,472	5.74	2.5		104.93
18	4,227	4.35	1.6		105.90
19	4,694	6.10	2.0		106.51
20	5,485	4.30	1.2		107.53
21	6,815	3.75	0.8		109.24
22	7,662	2.25	0.4		110.17
23	8,731	1.79	0.3		111.28
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,385	0.00	0.0		115.09

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...

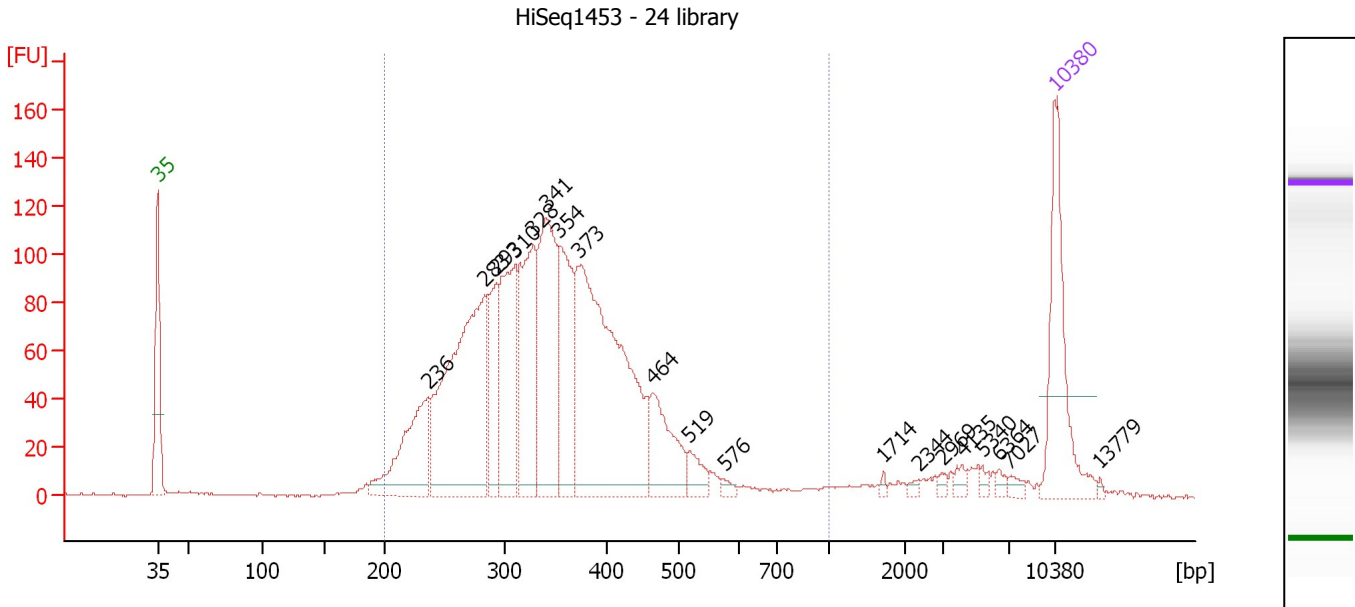
... Region table for sample 1 : HiSeq1453 - 23 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	344	909.47	1,155.1	4,338.6	 89	27.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : HiSeq1453 - 24 library

Number of peaks found: 19 Corr. Area 1: 2,292.5
 Noise: 0.5

Peak table for sample 2 : HiSeq1453 - 24 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	236	109.28	703.0		64.08
3	283	270.09	1,445.6		68.52
4	293	62.16	321.2		69.46
5	310	124.15	607.0		70.88
6	328	131.77	609.1		72.29
7	341	153.75	683.3		73.33
8	354	103.96	444.9		74.37
9	373	311.92	1,266.5		75.88
10	464	64.48	210.6		81.58
11	519	17.41	50.8		84.51
12	576	4.83	12.7		87.20
13	1,714	2.08	1.8		99.60
14	2,344	2.58	1.7		102.34
15	2,969	2.81	1.4		104.23
16	4,135	5.26	1.9		105.78
17	5,340	4.15	1.2		107.34
18	6,364	3.59	0.9		108.66
19	7,027	4.51	1.0		109.51
20	10,380	75.00	10.9	Upper Marker	113.00
21	13,779	0.00	0.0		116.54

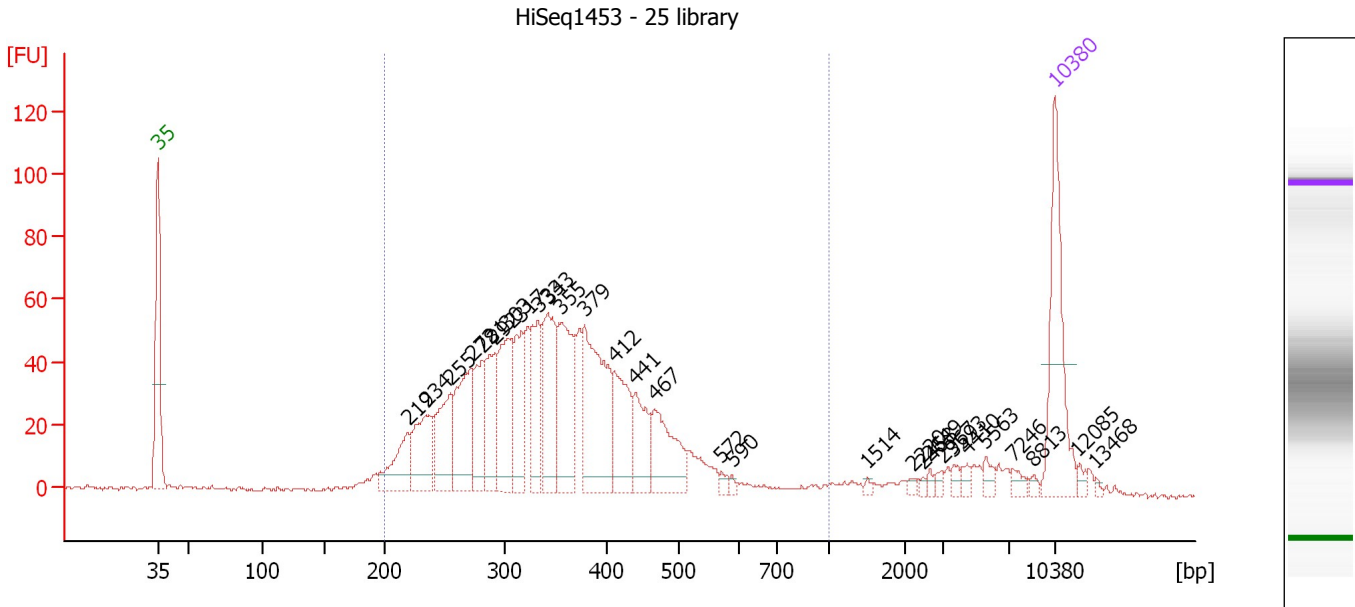
Region table for sample 2 : HiSeq1453 - 24 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	351	1,392.73	2,292.5	6,502.7	92	26.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : HiSeq1453 - 25 library

Number of peaks found: 29 Corr. Area 1: 1,237.5
 Noise: 0.7

Peak table for sample 3 : HiSeq1453 - 25 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	219	51.15	354.2		62.53
3	234	61.98	401.8		63.92
4	255	66.73	396.8		65.89
5	272	87.49	486.8		67.52
6	281	50.25	270.9		68.33
7	292	61.51	319.3		69.34
8	303	82.25	411.8		70.30
9	317	56.80	271.9		71.40
10	333	61.83	281.4		72.70
11	343	83.41	368.8		73.47
12	355	92.49	394.3		74.47
13	379	126.98	507.5		76.34
14	412	63.87	235.2		78.65
15	441	42.62	146.6		80.28
16	467	61.52	199.6		81.77
17	572	4.19	11.1		87.00
18	590	2.75	7.1		87.86
19	1,514	2.09	2.1		98.41
20	2,220	2.95	2.0		101.97
21	2,458	2.24	1.4		102.68
22	2,649	2.82	1.6		103.26
23	2,967	3.63	1.9		104.22
24	3,593	4.49	1.9		105.08
25	4,410	4.63	1.6		106.14

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : HiSeq1453 - 25 library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	5,563	6.48	1.8		107.63
27	7,246	5.80	1.2		109.74
28	8,813	2.72	0.5		111.37
29	10,380	75.00	10.9	Upper Marker	113.00
30	12,085	0.00	0.0		114.78
31	13,468	0.00	0.0		116.21

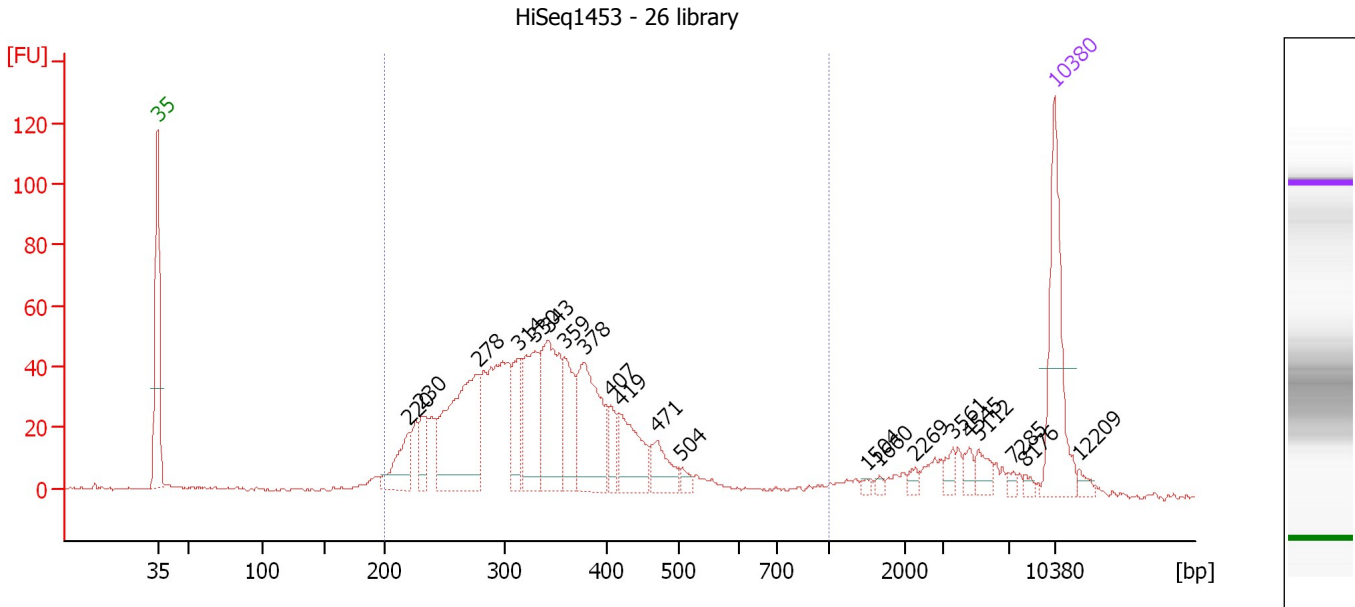
Region table for sample 3 : HiSeq1453 - 25 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	355	1,168.24	1,237.5	5,431.3	90	27.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : HiSeq1453 - 26 library

Number of peaks found: 21 Corr. Area 1: 1,050.3
 Noise: 0.4

Peak table for sample 4 : HiSeq1453 - 26 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	220	44.07	303.7		62.62
3	230	27.33	179.8		63.60
4	278	162.56	884.4		68.09
5	314	45.85	221.6		71.17
6	330	81.18	373.2		72.44
7	343	107.93	477.3		73.46
8	359	49.54	209.3		74.73
9	378	101.44	406.2		76.29
10	407	19.48	72.5		78.39
11	419	51.81	187.3		79.07
12	471	29.00	93.2		82.00
13	504	7.23	21.7		83.81
14	1,504	2.63	2.6		98.36
15	1,660	2.78	2.5		99.28
16	2,269	4.67	3.1		102.11
17	3,561	8.40	3.6		105.04
18	4,545	7.54	2.5		106.31
19	5,112	11.46	3.4		107.04
20	7,285	3.34	0.7		109.78
21	8,176	3.28	0.6		110.71
22	10,380	75.00	10.9	Upper Marker	113.00
23	12,209	0.00	0.0		114.90

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...

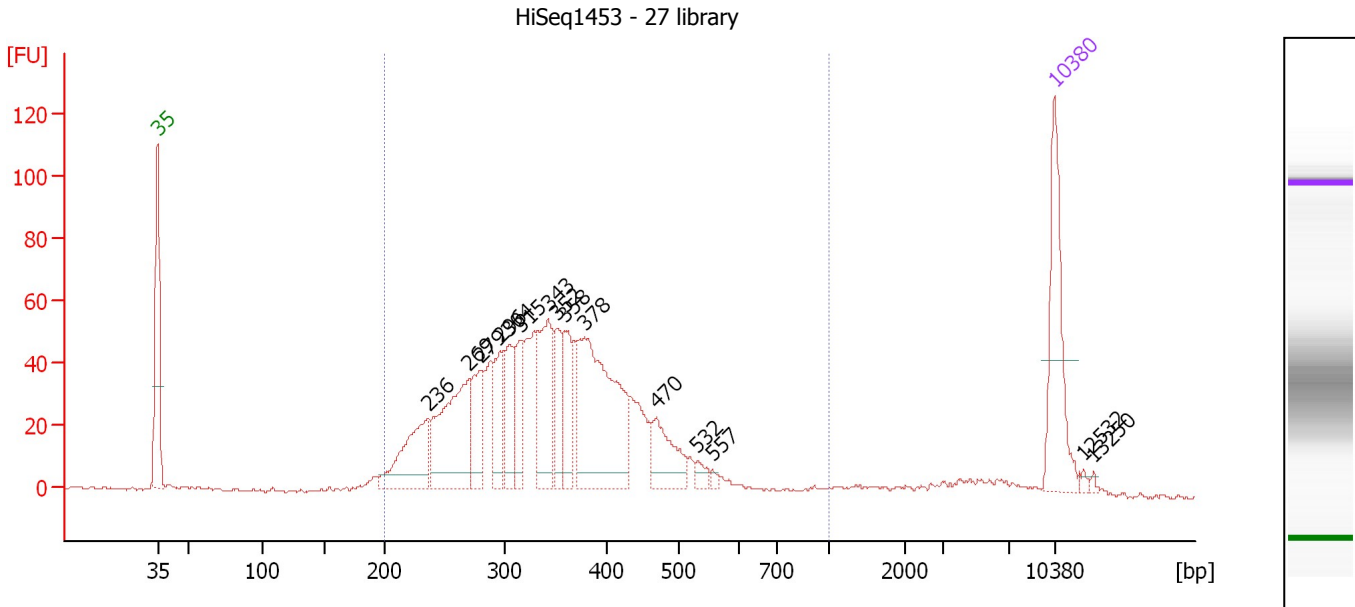
... Region table for sample 4 : HiSeq1453 - 26 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	345	982.92	1,050.3	4,706.2	 85	28.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : HiSeq1453 - 27 library

Number of peaks found: 15 Corr. Area 1: 1,159.4
 Noise: 0.6

Peak table for sample 5 : HiSeq1453 - 27 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	236	93.88	603.3		64.11
3	269	141.22	794.2		67.25
4	279	57.50	312.2		68.14
5	296	51.01	261.0		69.74
6	304	53.36	266.3		70.38
7	315	46.88	225.5		71.28
8	343	86.56	382.7		73.47
9	352	43.24	186.1		74.22
10	358	47.71	201.7		74.71
11	378	193.91	777.3		76.26
12	470	52.01	167.7		81.93
13	532	8.27	23.6		85.12
14	557	3.29	8.9		86.31
15	10,380	75.00	10.9	Upper Marker	113.00
16	12,532	0.00	0.0		115.24
17	13,250	0.00	0.0		115.99

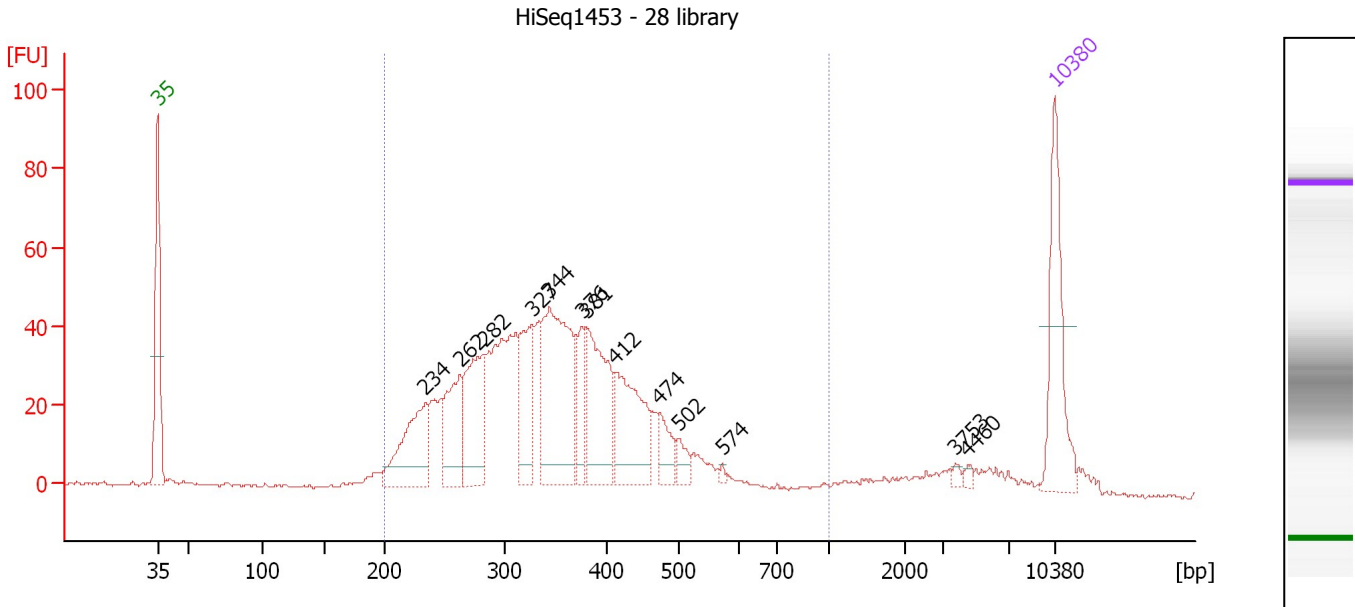
Region table for sample 5 : HiSeq1453 - 27 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	352	1,125.82	1,159.4	5,250.3	94	25.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : HiSeq1453 - 28 library

Number of peaks found: 13 Corr. Area 1: 1,001.1
 Noise: 0.4

Peak table for sample 6 : HiSeq1453 - 28 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	234	102.45	664.8		63.90
3	262	74.37	429.5		66.59
4	282	105.66	566.7		68.46
5	327	75.58	350.4		72.22
6	344	184.35	811.6		73.59
7	376	39.68	159.8		76.12
8	381	109.87	437.2		76.48
9	412	101.62	374.0		78.66
10	474	27.19	86.9		82.16
11	502	13.85	41.8		83.73
12	574	3.12	8.2		87.08
13	3,753	3.25	1.3		105.29
14	4,460	3.25	1.1		106.20
15	10,380	75.00	10.9	Upper Marker	113.00

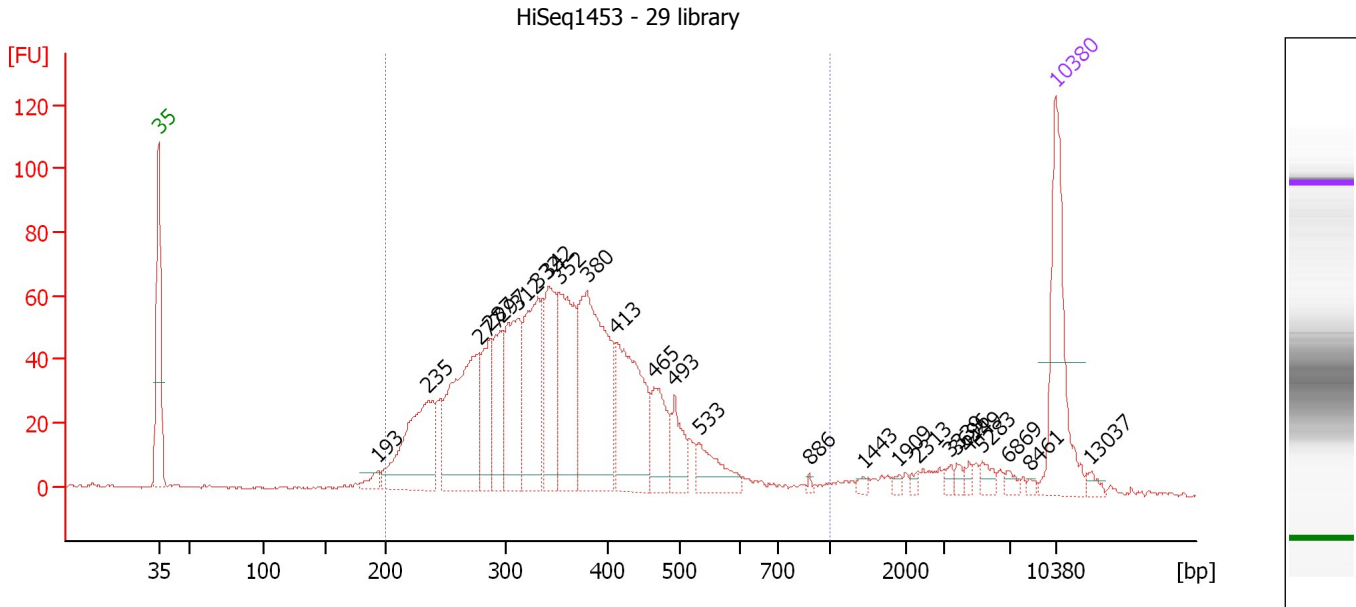
Region table for sample 6 : HiSeq1453 - 28 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	353	1,207.82	1,001.1	5,645.4	91	27.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

Created: 8/15/2018 2:56:15 PM
 Modified: 8/15/2018 3:36:37 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : HiSeq1453 - 29 library

Number of peaks found: 25 Corr. Area 1: 1,428.1
 Noise: 0.5

Peak table for sample 7 : HiSeq1453 - 29 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	193	10.09	79.2		60.10
3	235	122.55	789.8		64.05
4	277	149.07	814.2		67.99
5	287	56.98	300.5		68.91
6	297	60.66	309.8		69.78
7	312	94.40	459.0		71.01
8	332	105.11	480.2		72.60
9	342	81.02	358.9		73.42
10	352	104.85	450.8		74.24
11	380	177.14	705.8		76.44
12	413	113.36	415.7		78.74
13	465	45.63	148.6		81.66
14	493	28.92	88.8		83.25
15	533	32.94	93.6		85.19
16	886	1.88	3.2		93.80
17	1,443	3.06	3.2		98.00
18	1,909	2.75	2.2		100.76
19	2,313	2.69	1.8		102.25
20	3,339	3.28	1.5		104.76
21	3,696	4.20	1.7		105.22
22	4,449	3.62	1.2		106.19
23	5,283	6.51	1.9		107.26
24	6,869	4.36	1.0		109.31
25	8,461	1.88	0.3		111.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 7 : HiSeq1453 - 29 library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	13,037	0.00	0.0		115.77

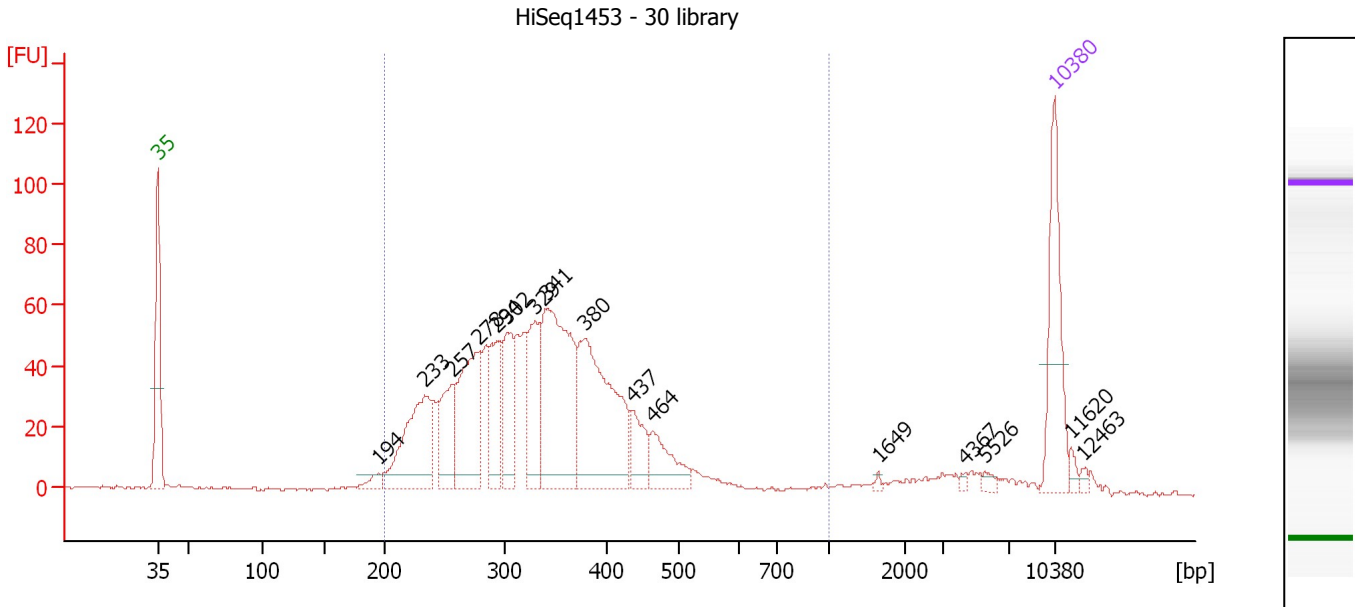
Region table for sample 7 : HiSeq1453 - 29 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	362	1,245.02	1,428.1	5,706.9	91	27.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : HiSeq1453 - 30 library

Number of peaks found: 16 Corr. Area 1: 1,226.6
 Noise: 0.5

Peak table for sample 8 : HiSeq1453 - 30 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	194	12.95	100.9		60.24
3	233	136.17	885.3		63.86
4	257	72.08	425.1		66.08
5	278	123.29	672.2		68.04
6	294	67.82	349.6		69.53
7	302	73.72	369.8		70.26
8	329	74.06	341.3		72.37
9	341	212.63	944.1		73.35
10	380	190.51	760.1		76.40
11	437	36.82	127.7		80.06
12	464	43.66	142.5		81.61
13	1,649	1.86	1.7		99.22
14	4,367	2.45	0.8		106.08
15	5,526	4.12	1.1		107.58
16	10,380	75.00	10.9	Upper Marker	113.00
17	11,620	0.00	0.0		114.29
18	12,463	0.00	0.0		115.17

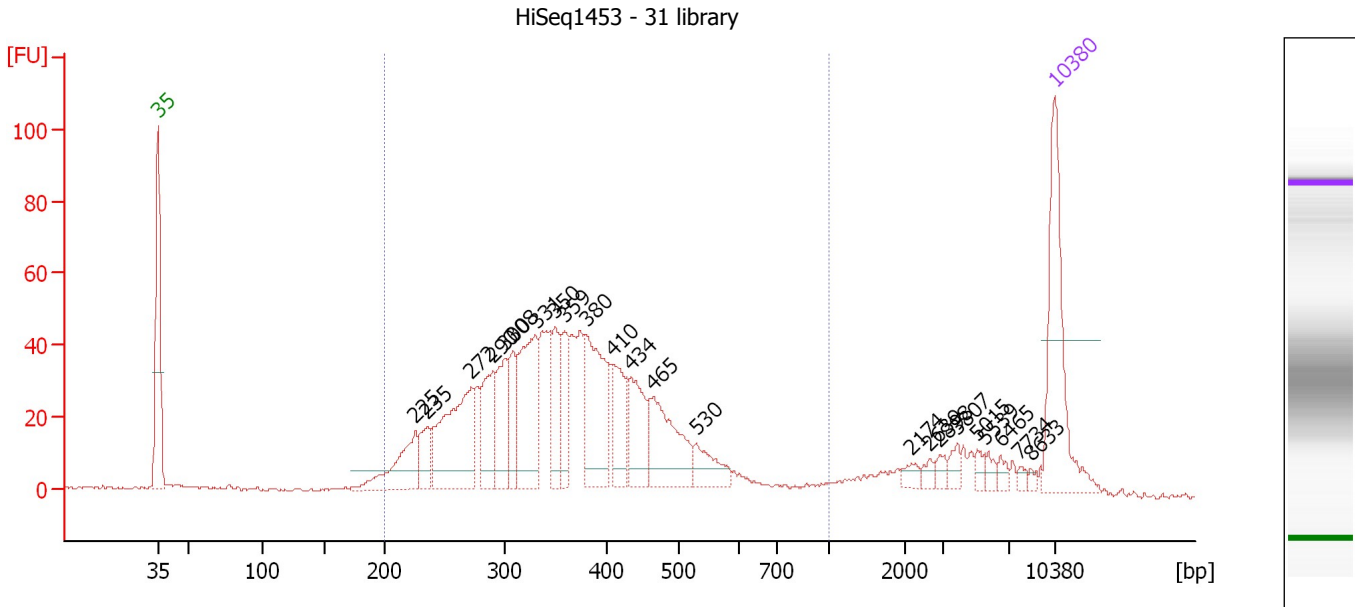
Region table for sample 8 : HiSeq1453 - 30 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	342	1,221.52	1,226.6	5,852.4	91	26.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : HiSeq1453 - 31 library

Number of peaks found: 23 Corr. Area 1: 1,031.9
 Noise: 0.5

Peak table for sample 9 : HiSeq1453 - 31 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	225	56.52	380.5		63.11
3	235	25.78	166.2		64.05
4	272	112.72	628.1		67.48
5	290	46.46	242.5		69.19
6	300	48.34	244.3		70.07
7	308	34.78	170.9		70.75
8	331	85.01	389.6		72.52
9	350	42.86	185.7		74.02
10	359	35.75	150.9		74.75
11	380	83.56	333.2		76.41
12	410	43.38	160.4		78.55
13	434	47.59	166.2		79.90
14	465	66.56	216.8		81.66
15	530	24.33	69.5		85.04
16	2,174	5.76	4.0		101.83
17	2,639	4.78	2.7		103.23
18	2,898	5.59	2.9		104.01
19	3,807	6.59	2.6		105.36
20	5,015	5.20	1.6		106.92
21	5,539	5.46	1.5		107.60
22	6,465	4.55	1.1		108.79
23	7,734	3.04	0.6		110.25
24	8,633	2.18	0.4		111.18
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...

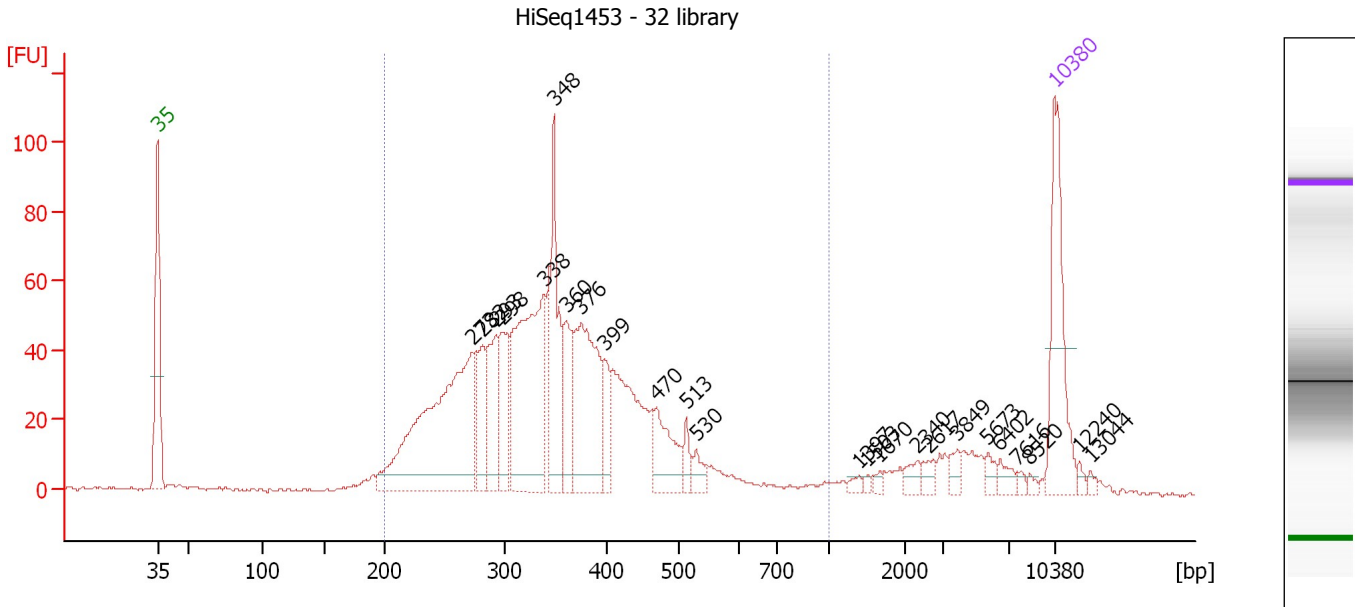
... Region table for sample 9 : HiSeq1453 - 31 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co lor % of Total	Size distribution in CV [%]
200	1,000	370	961.30	1,031.9	4,336.4	 87	28.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : HiSeq1453 - 32 library

Number of peaks found: 24 Corr. Area 1: 1,211.1
 Noise: 0.5

Peak table for sample 10 : HiSeq1453 - 32 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	273	284.25	1,576.9		67.59
3	282	52.44	282.2		68.37
4	293	61.00	315.7		69.42
5	298	59.82	304.4		69.89
6	338	194.62	871.3		73.13
7	348	100.23	435.9		73.92
8	360	44.15	185.7		74.86
9	376	133.53	538.8		76.06
10	399	31.38	119.2		77.90
11	470	46.08	148.6		81.92
12	513	12.62	37.3		84.23
13	530	13.16	37.7		85.01
14	1,397	4.22	4.6		97.72
15	1,503	2.67	2.7		98.35
16	1,670	3.63	3.3		99.35
17	2,340	8.07	5.2		102.33
18	2,617	7.55	4.4		103.16
19	3,849	7.66	3.0		105.41
20	5,673	6.62	1.8		107.77
21	6,402	8.35	2.0		108.71
22	7,616	3.04	0.6		110.12
23	8,520	2.72	0.5		111.06
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,240	0.00	0.0		114.94

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 10 : HiSeq1453 - 32 library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	13,044	0.00	0.0		115.77

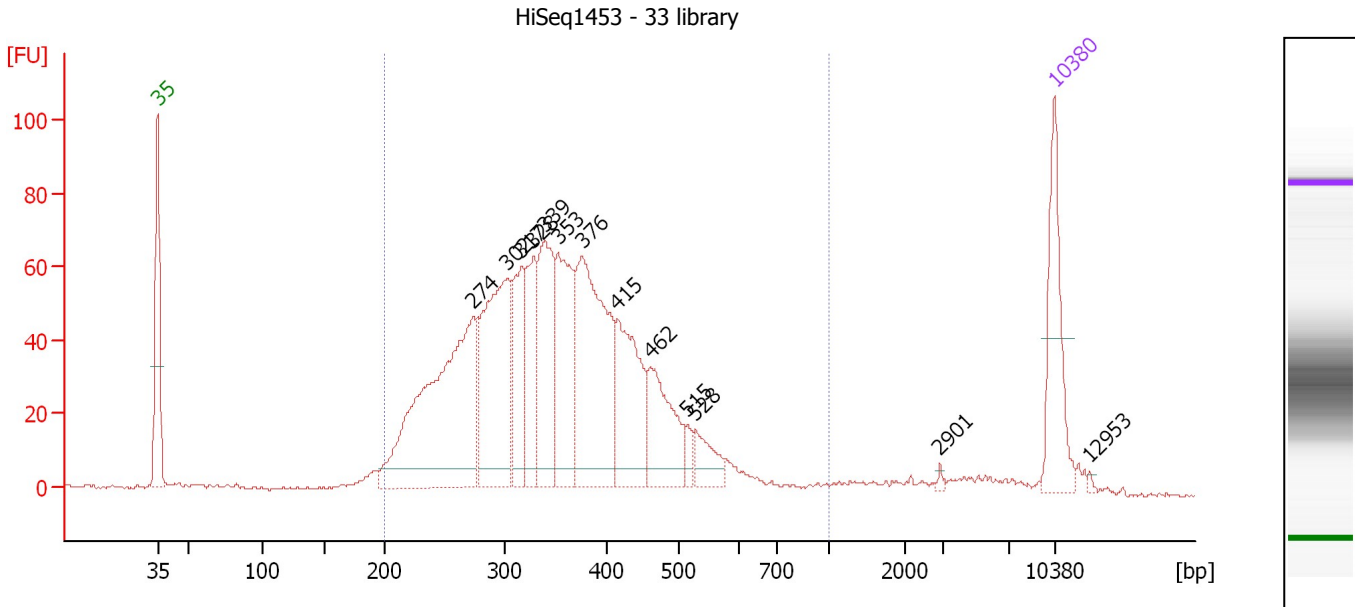
Region table for sample 10 : HiSeq1453 - 32 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	356	1,257.51	1,211.1	5,853.0	 86	28.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : HiSeq1453 - 33 library

Number of peaks found: 13 Corr. Area 1: 1,484.0
 Noise: 0.5

Peak table for sample 11 : HiSeq1453 - 33 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	274	362.17	2,006.1		67.63
3	302	223.08	1,119.2		70.25
4	317	92.95	444.8		71.41
5	328	90.00	415.8		72.30
6	339	134.09	598.9		73.20
7	353	132.30	568.6		74.25
8	376	241.29	971.3		76.14
9	415	124.76	455.0		78.87
10	462	91.53	300.1		81.49
11	515	13.34	39.2		84.33
12	528	31.50	90.3		84.96
13	2,901	2.10	1.1		104.02
14	10,380	75.00	10.9	Upper Marker	113.00
15	12,953	0.00	0.0		115.68

Region table for sample 11 : HiSeq1453 - 33 library

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	359	1,639.30	1,484.0	7,558.9	93	27.5

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-08-15\2018-08-15_002.xad

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