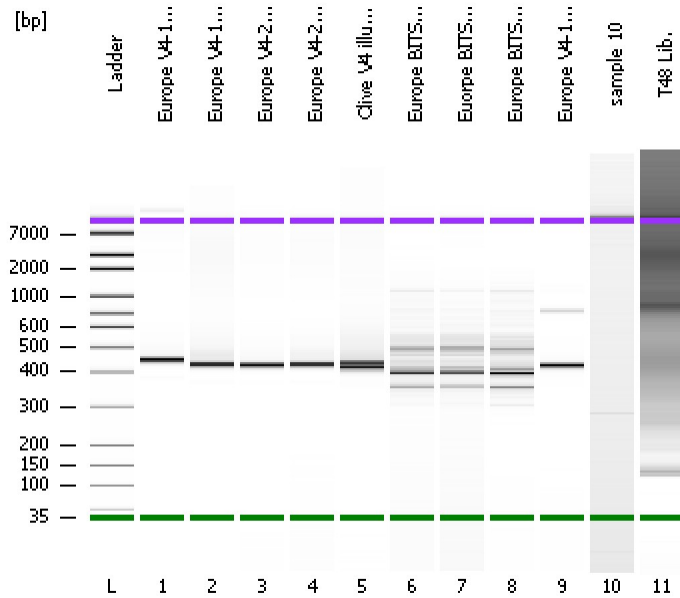


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
Modified: 3/6/2014 10:35:28 AM

Electrophoresis File Run Summary



Instrument Information:

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

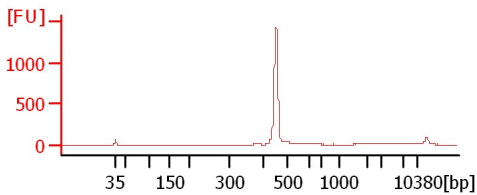
Assay Information:

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

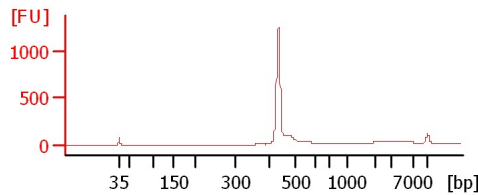
Chip Information:

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

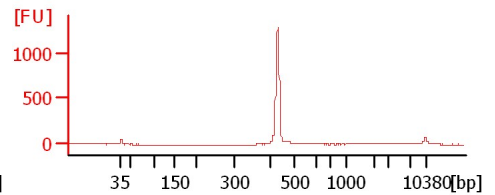
Europe V4-1-1 1:8



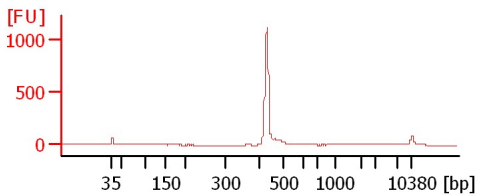
Europe V4-1-2 1:9



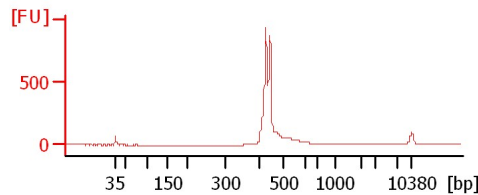
Europe V4-2-1 1:8



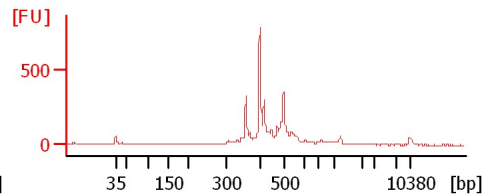
Europe V4-2-2 1:8



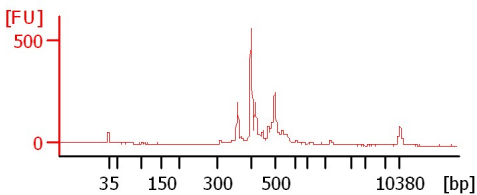
Olive V4 illumina 1:8



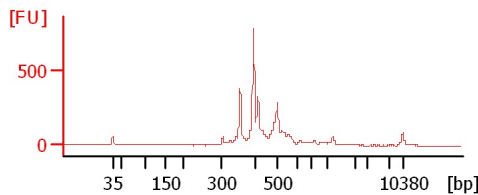
Europe BITS-1-1 1:5



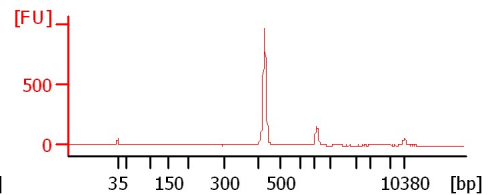
Europe BITS-1-2 1:7



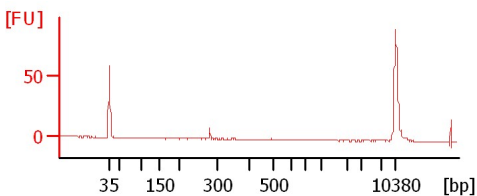
Europe BITS-2-1 1:2



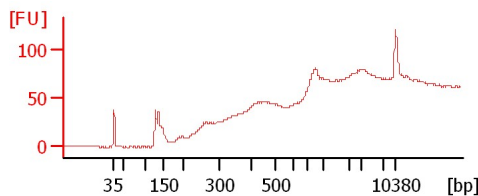
Europe V4-1-1 1:3 (integenX)



sample 10



T48 Lib.



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
Modified: 3/6/2014 10:35:28 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Europe V4-1-1 1:8		<input type="checkbox"/>	✓			
Europe V4-1-2 1:9		<input type="checkbox"/>	✓			
Europe V4-2-1 1:8		<input type="checkbox"/>	✓			
Europe V4-2-2 1:8		<input type="checkbox"/>	✓			
Olive V4 illumina 1:8		<input type="checkbox"/>	✓			
Europe BITS-1-1 1:5		<input type="checkbox"/>	✓			
Euorpe BITS-1-2 1:7		<input type="checkbox"/>	✓			
Europe BITS-2-1 1:2		<input type="checkbox"/>	✓			
Europe V4-1-1 1:3 (integenX)		<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>	✓			
T48 Lib.		<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\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
Modified: 3/6/2014 10:35:28 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/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

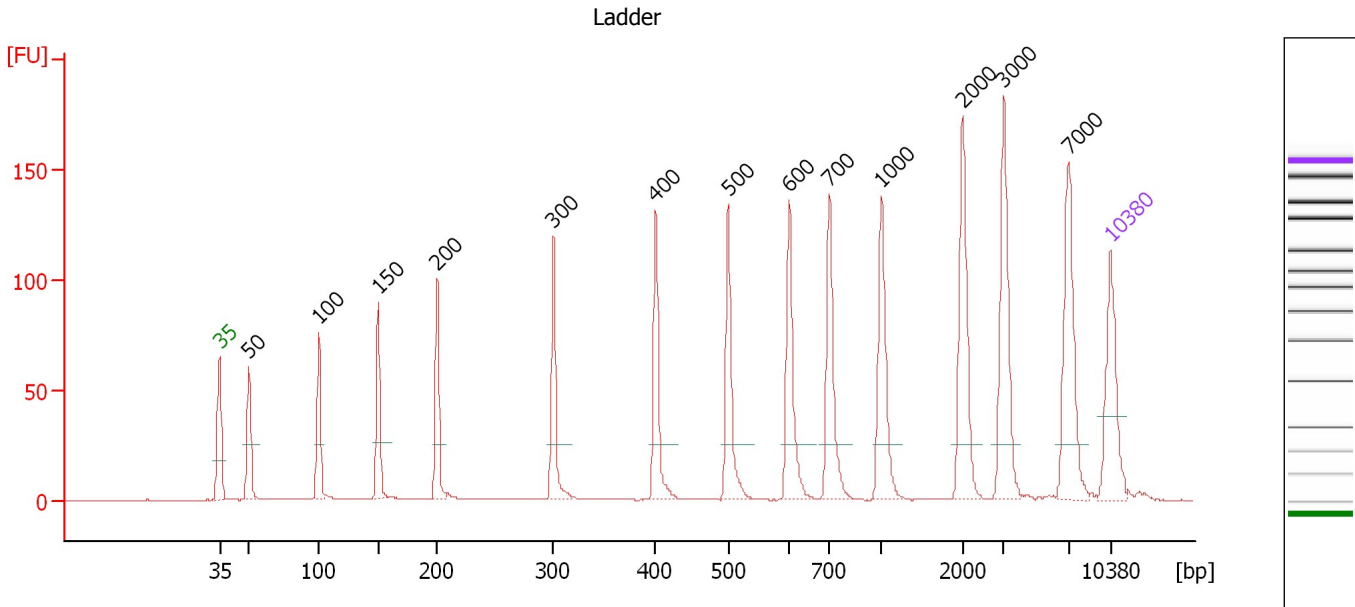
Ladder

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:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

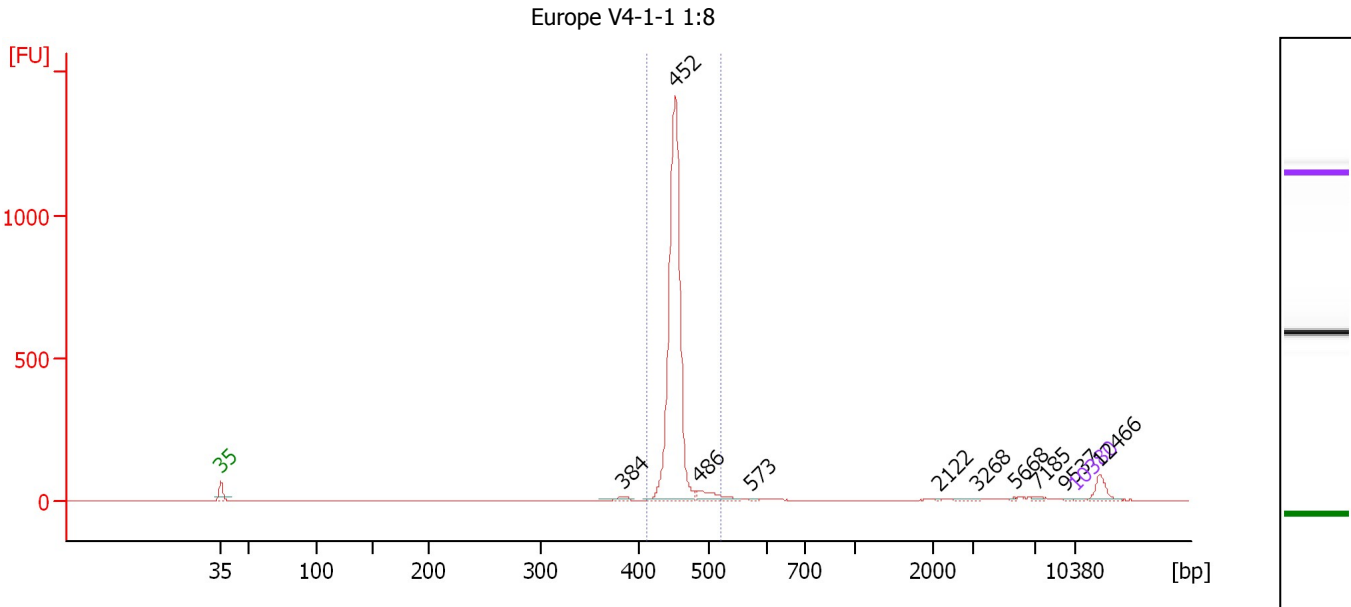
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.30	50	150.00	4,545.5	Ladder Peak
3	50.79	100	150.00	2,272.7	Ladder Peak
4	55.48	150	150.00	1,515.2	Ladder Peak
5	60.09	200	150.00	1,136.4	Ladder Peak
6	69.22	300	150.00	757.6	Ladder Peak
7	77.27	400	150.00	568.2	Ladder Peak
8	82.96	500	150.00	454.5	Ladder Peak
9	87.74	600	150.00	378.8	Ladder Peak
10	90.92	700	150.00	324.7	Ladder Peak
11	94.99	1,000	150.00	227.3	Ladder Peak
12	101.40	2,000	150.00	113.6	Ladder Peak
13	104.62	3,000	150.00	75.8	Ladder Peak
14	109.69	7,000	150.00	32.5	Ladder Peak
15	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Europe V4-1-1 1:8

Number of peaks found: 10 Corr. Area 1: 2,015.7
 Noise: 0.1

Peak table for sample 1 : Europe V4-1-1 1:8

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	75.98	384	547.52	2,160.4	
3	80.24	452	37,347.05	125,150.8	
4	82.19	486	1,870.05	5,824.5	
5	86.45	573	169.03	446.9	
6	101.79	2,122	30.52	21.8	
7	104.96	3,268	204.74	94.9	
8	108.00	5,668	93.20	24.9	
9	109.87	7,185	150.44	31.7	
10	112.17	9,537	72.92	11.6	
11	113.00	10,380	75.00	10.9	Upper Marker
12	115.04	12,466	0.00	0.0	

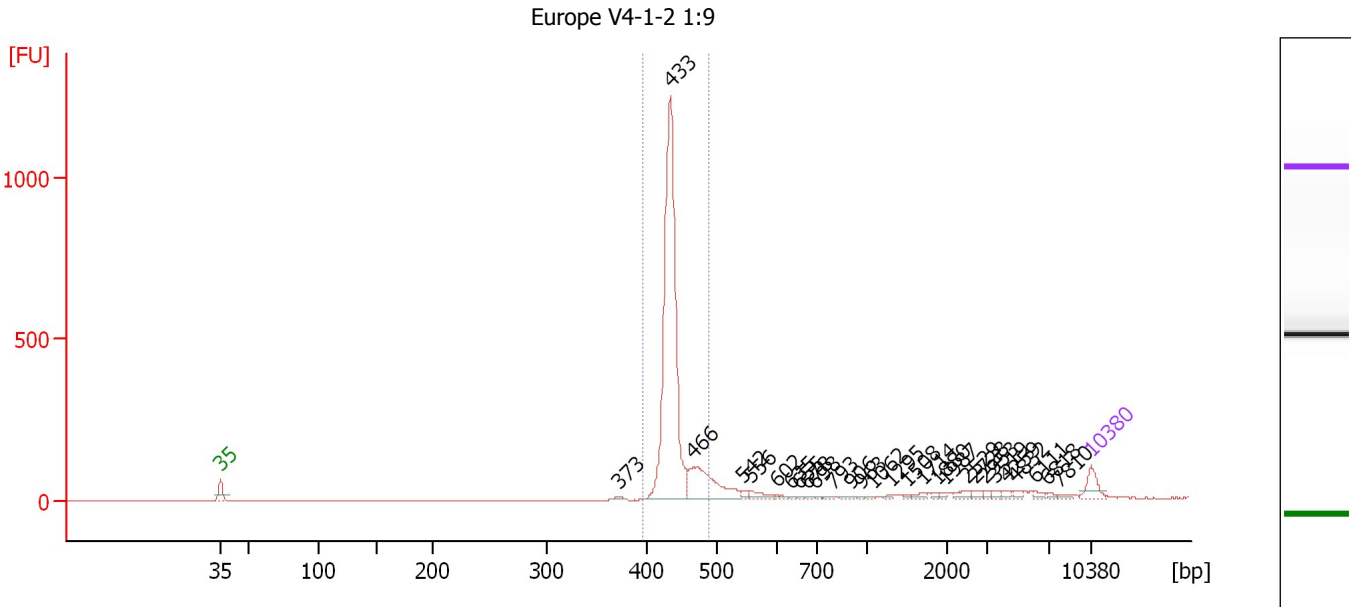
Region table for sample 1 : Europe V4-1-1 1:8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
410	520	453	129,796.6	38,757.73	2,015.7	86	2.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Europe V4-1-2 1:9

Number of peaks found: 28 Corr. Area 1: 1,932.3
 Noise: 0.4

Peak table for sample 2 : Europe V4-1-2 1:9

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	75.08	373	13.50	54.9	
3	79.17	433	2,117.28	7,400.9	
4	81.05	466	406.64	1,321.0	
5	84.97	542	26.93	75.3	
6	85.66	556	53.40	145.4	
7	87.79	602	13.75	34.6	
8	88.86	635	7.32	17.5	
9	89.50	655	5.77	13.3	
10	90.22	678	6.05	13.5	
11	90.86	698	4.63	10.1	
12	92.18	793	5.49	10.5	
13	93.72	906	8.89	14.9	
14	94.49	963	4.36	6.9	
15	95.38	1,062	6.79	9.7	
16	96.88	1,295	8.27	9.7	
17	98.24	1,508	8.43	8.5	
18	99.56	1,714	17.54	15.5	
19	100.63	1,880	10.86	8.7	
20	101.31	1,987	10.56	8.1	
21	103.10	2,529	31.13	18.6	
22	103.74	2,728	18.46	10.3	
23	104.47	2,953	13.86	7.1	
24	105.28	3,519	14.65	6.3	
25	106.22	4,259	16.41	5.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : Europe V4-1-2 1:9

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	106.94	4,832	15.96	5.0	
27	108.56	6,111	15.73	3.9	
28	109.46	6,818	11.48	2.6	
29	110.48	7,810	11.80	2.3	
30	113.00	10,380	75.00	10.9	Upper Marker

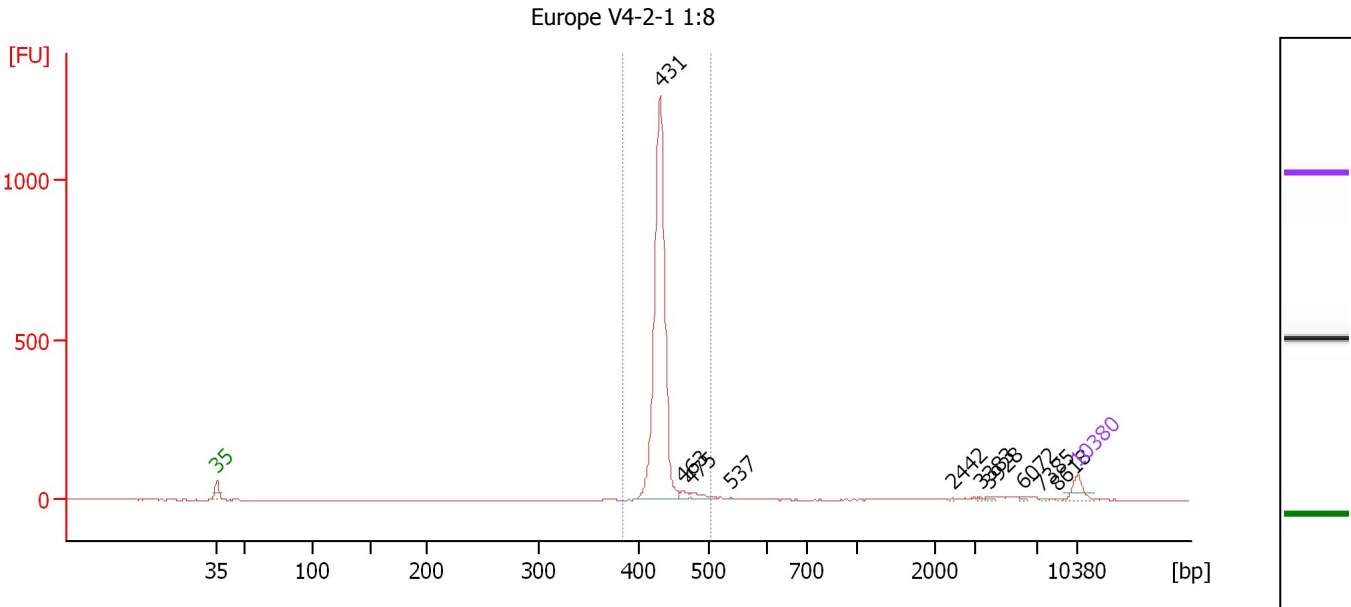
Region table for sample 2 : Europe V4-1-2 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. for Area	% of Total	Size distribution in CV [%]
395	488	437	8,165.6	2,355.21	1,932.3	78	3.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Europe V4-2-1 1:8

Number of peaks found: 10 Corr. Area 1: 1,707.3
 Noise: 0.9

Peak table for sample 3 : Europe V4-2-1 1:8

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	79.01	431	2,434.84	8,566.3	
3	80.87	463	37.84	123.8	
4	81.56	475	55.12	175.7	
5	84.75	537	5.72	16.1	
6	102.82	2,442	5.16	3.2	
7	105.11	3,383	4.45	2.0	
8	105.80	3,928	8.23	3.2	
9	108.51	6,072	6.52	1.6	
10	110.07	7,385	5.92	1.2	
11	111.27	8,618	3.15	0.6	
12	113.00	10,380	75.00	10.9	Upper Marker

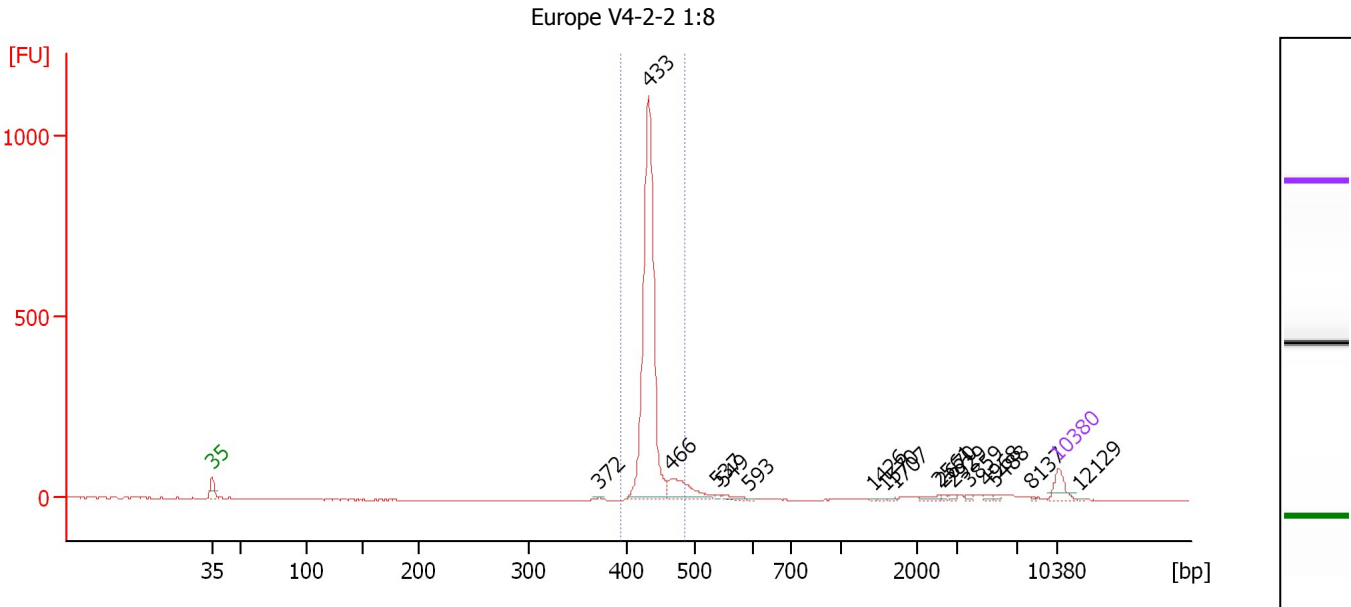
Region table for sample 3 : Europe V4-2-1 1:8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
384	505	432	8,897.0	2,536.09	1,707.3	92	2.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Europe V4-2-2 1:8

Number of peaks found: 17 Corr. Area 1: 1,581.2
 Noise: 0.8

Peak table for sample 4 : Europe V4-2-2 1:8

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	75.01	372	4.69	19.1	
3	79.14	433	1,920.33	6,721.0	
4	81.03	466	221.20	719.1	
5	84.72	537	12.19	34.4	
6	85.29	549	28.59	78.9	
7	87.40	593	4.22	10.8	
8	97.72	1,426	3.96	4.2	
9	98.64	1,570	4.11	4.0	
10	99.52	1,707	4.75	4.2	
11	103.21	2,561	17.58	10.4	
12	103.56	2,670	7.19	4.1	
13	104.39	2,929	10.20	5.3	
14	105.71	3,859	9.38	3.7	
15	107.12	4,968	9.91	3.0	
16	107.77	5,488	8.23	2.3	
17	110.80	8,137	3.85	0.7	
18	113.00	10,380	75.00	10.9	Upper Marker
19	114.71	12,129	0.00	0.0	

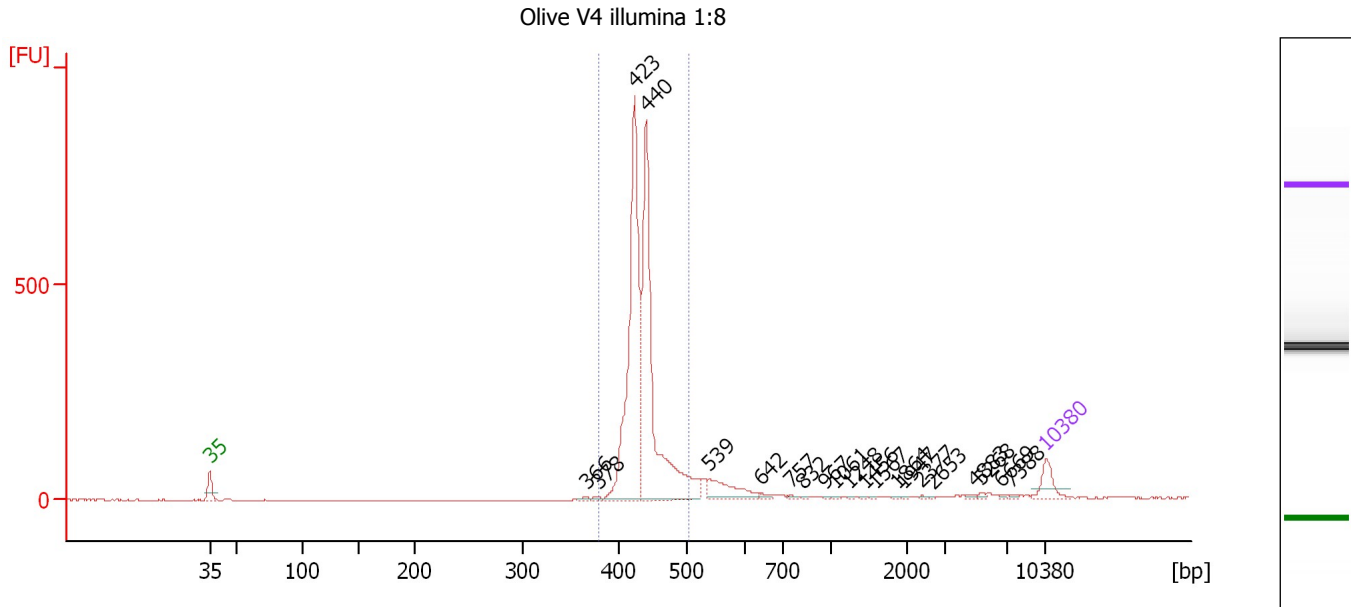
Region table for sample 4 : Europe V4-2-2 1:8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
394	487	435	7,111.7	2,044.04	1,581.2	87	2.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Olive V4 illumina 1:8

Number of peaks found: 21 Corr. Area 1: 2,253.1
 Noise: 0.8

Peak table for sample 5 : Olive V4 illumina 1:8


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	74.56	366	10.69	44.2	
3	75.49	378	10.58	42.4	
4	78.55	423	1,362.72	4,885.7	
5	79.53	440	1,421.70	4,898.5	
6	84.81	539	179.33	504.4	
7	89.07	642	17.21	40.6	
8	91.69	757	10.40	20.8	
9	92.71	832	5.33	9.7	
10	94.53	967	4.38	6.9	
11	95.38	1,061	4.64	6.6	
12	96.58	1,248	3.79	4.6	
13	97.91	1,456	3.48	3.6	
14	98.62	1,567	3.95	3.8	
15	100.53	1,864	3.57	2.9	
16	101.06	1,947	3.01	2.3	
17	102.61	2,377	3.69	2.4	
18	103.50	2,653	2.73	1.6	
19	107.01	4,883	7.77	2.4	
20	107.50	5,268	6.75	1.9	
21	109.27	6,669	4.91	1.1	
22	110.07	7,388	5.47	1.1	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...

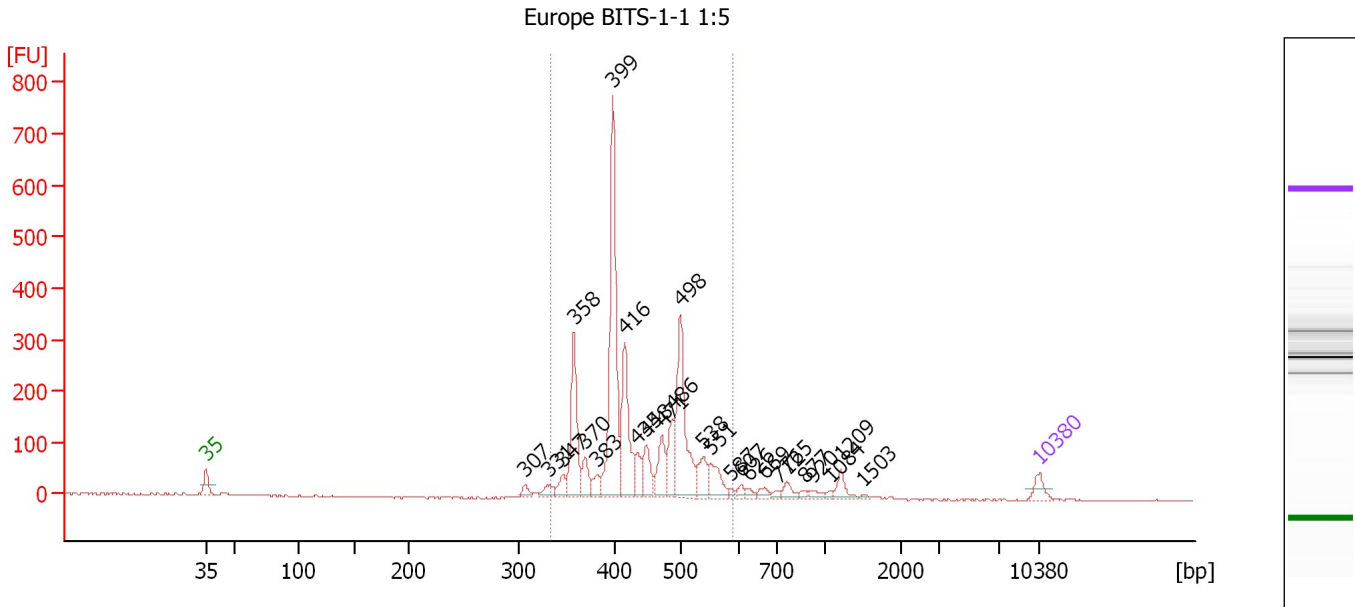
... Region table for sample 5 : Olive V4 illumina 1:8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
379	504	434	9,329.0	2,672.90	 2,253.1	85	4.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Europe BITS-1-1 1:5

Number of peaks found: 26 Corr. Area 1: 2,284.8
 Noise: 1.2

Peak table for sample 6 : Europe BITS-1-1 1:5

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	69.80	307	54.38	268.3	
3	71.73	331	83.32	381.3	
4	72.98	347	105.48	460.9	
5	73.92	358	635.56	2,686.8	
6	74.86	370	165.12	676.0	
7	75.89	383	96.70	382.6	
8	77.19	399	1,462.68	5,553.1	
9	78.18	416	638.17	2,324.2	
10	79.25	435	143.07	498.5	
11	80.02	448	219.67	742.5	
12	81.32	471	256.67	825.6	
13	82.17	486	251.18	783.0	
14	82.84	498	853.34	2,597.2	
15	84.77	538	195.59	551.1	
16	85.39	551	205.62	565.5	
17	87.10	587	23.47	60.6	
18	87.95	607	40.17	100.3	
19	88.58	626	32.76	79.3	
20	89.92	669	50.81	115.2	
21	91.09	712	27.77	59.1	
22	91.80	765	68.49	135.7	
23	93.33	877	25.86	44.7	
24	93.91	920	44.04	72.5	
25	95.52	1,084	19.04	26.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...

... Peak table for sample 6 : Europe BITS-1-1 1:5

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	96.33	1,209	90.94	113.9	
27	98.21	1,503	11.73	11.8	
28	113.00	10,380	75.00	10.9	Upper Marker

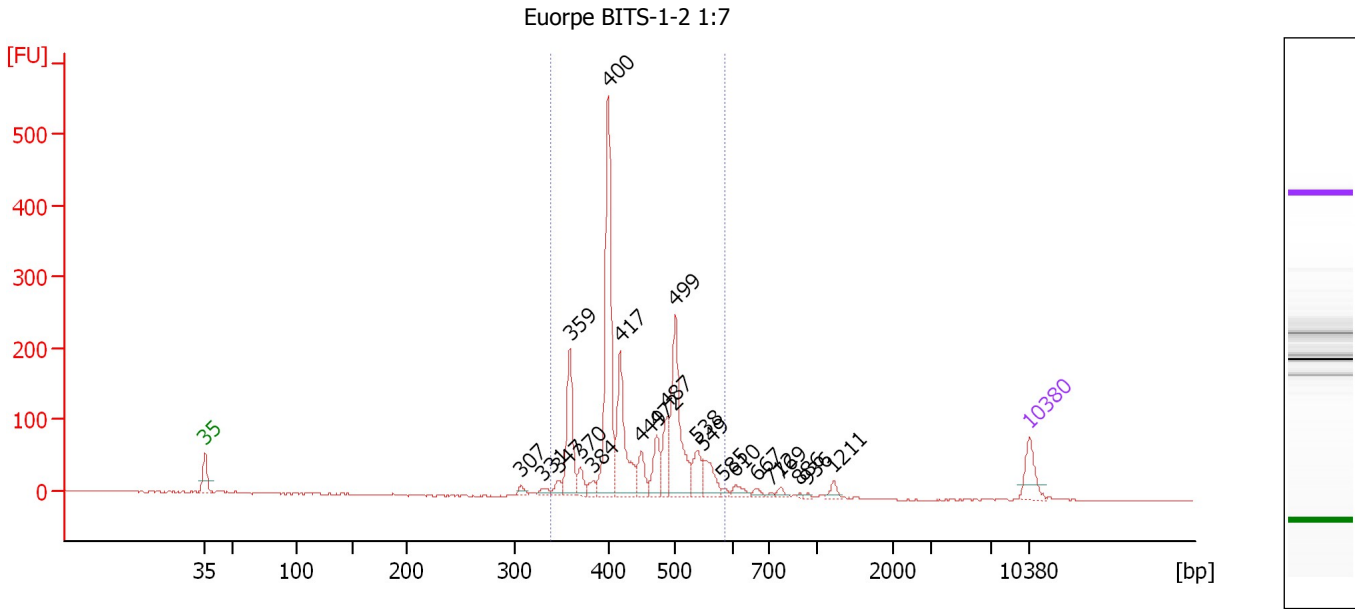
Region table for sample 6 : Europe BITS-1-1 1:5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
334	590	437	18,557.7	5,240.66	2,284.8	89	13.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Euorpe BITS-1-2 1:7

Number of peaks found: 22 Corr. Area 1: 1,527.4
 Noise: 0.5

Peak table for sample 7 : Euorpe BITS-1-2 1:7

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	69.80	307	18.74	92.4	
3	71.71	331	20.64	94.5	
4	73.02	347	32.45	141.6	
5	73.97	359	245.97	1,038.1	
6	74.88	370	49.68	203.3	
7	75.96	384	27.13	107.1	
8	77.23	400	619.21	2,348.2	
9	78.23	417	298.28	1,084.2	
10	80.04	449	82.18	277.5	
11	81.35	472	104.36	335.2	
12	82.21	487	111.38	346.7	
13	82.94	499	382.55	1,160.4	
14	84.79	538	90.49	254.7	
15	85.29	549	93.89	259.3	
16	87.01	585	10.98	28.5	
17	88.05	610	29.01	72.1	
18	89.86	667	16.83	38.2	
19	91.09	712	5.66	12.0	
20	91.86	769	15.49	30.5	
21	93.44	886	3.86	6.6	
22	94.12	936	5.10	8.3	
23	96.34	1,211	19.52	24.4	
24	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
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Electropherogram Summary Continued ...

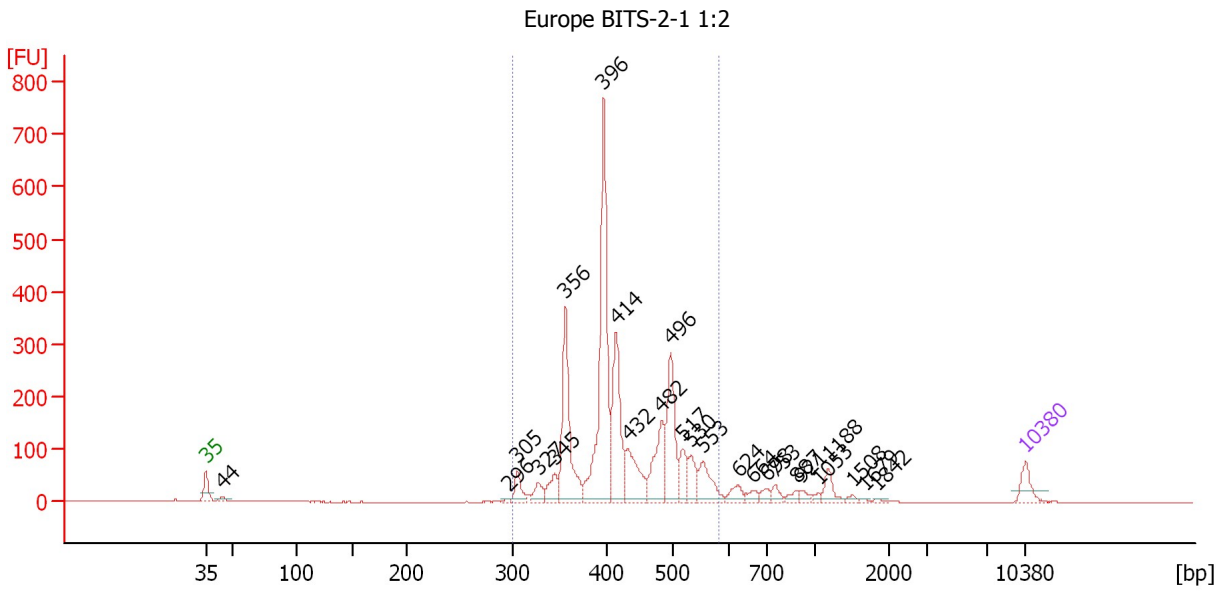
... Region table for sample 7 : Euorpe BITS-1-2 1:7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
339	586	441	7,463.5	2,131.00	■ 1,527.4	91	13.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

Created: 3/6/2014 9:55:03 AM
 Modified: 3/6/2014 10:35:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Europe BITS-2-1 1:2

Number of peaks found: 25 Corr. Area 1: 2,571.4
 Noise: 0.3

Peak table for sample 8 : Europe BITS-2-1 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.41	44	30.19	1,035.0	
3	68.82	296	8.46	43.4	
4	69.64	305	95.80	475.6	
5	71.42	327	74.23	343.7	
6	72.83	345	106.74	469.0	
7	73.74	356	616.75	2,623.7	
8	76.98	396	1,144.56	4,375.1	
9	78.07	414	505.87	1,851.1	
10	79.07	432	265.59	932.3	
11	81.94	482	304.23	956.3	
12	82.71	496	397.29	1,214.6	
13	83.76	517	128.77	377.6	
14	84.40	530	120.25	343.7	
15	85.49	553	171.86	470.9	
16	88.50	624	62.42	151.6	
17	89.77	664	36.97	84.4	
18	90.87	698	35.01	76.0	
19	91.64	753	39.63	79.7	
20	93.46	887	28.42	48.5	
21	93.92	921	28.11	46.2	
22	95.33	1,053	14.04	20.2	
23	96.19	1,188	71.96	91.7	
24	98.24	1,508	13.80	13.9	
25	99.34	1,679	6.19	5.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : Europe BITS-2-1 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	100.38	1,842	7.61	6.3	
27	113.00	10,380	75.00	10.9	Upper Marker

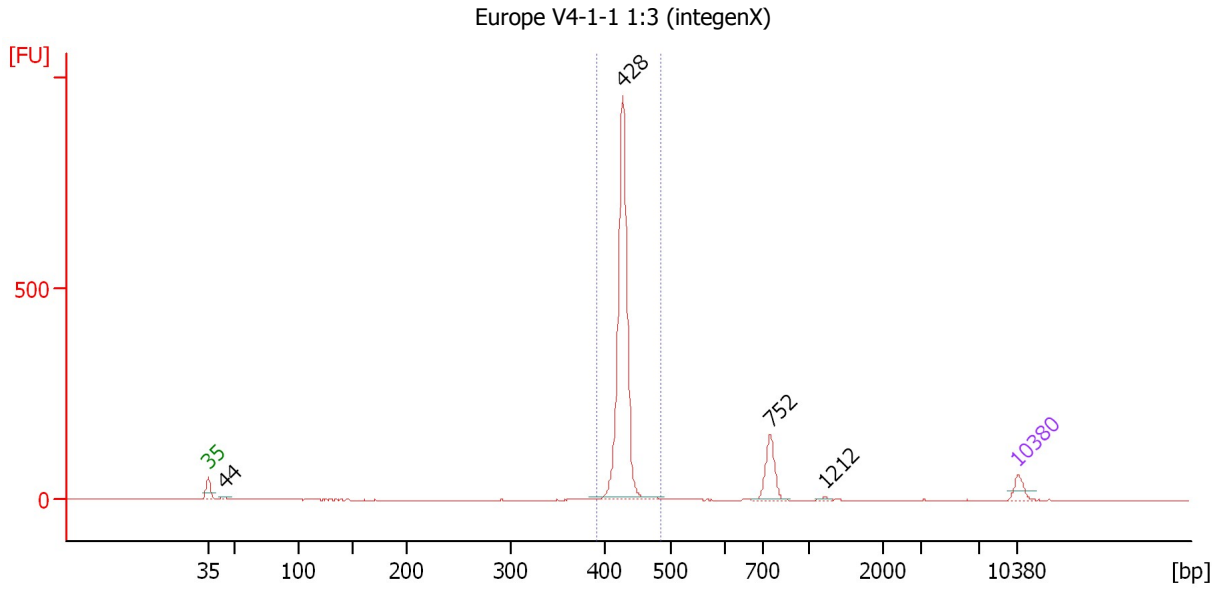
Region table for sample 8 : Europe BITS-2-1 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
299	583	426	14,330.9	3,936.22	2,571.4	89	14.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : Europe V4-1-1 1:3 (integenX)

Number of peaks found: 4 Corr. Area 1: 1,138.3
 Noise: 0.1

Peak table for sample 9 : Europe V4-1-1 1:3 (integenX)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.38	44	27.76	956.9	
3	78.87	428	2,332.10	8,252.6	
4	91.62	752	305.11	615.0	
5	96.35	1,212	9.25	11.6	
6	113.00	10,380	75.00	10.9	Upper Marker

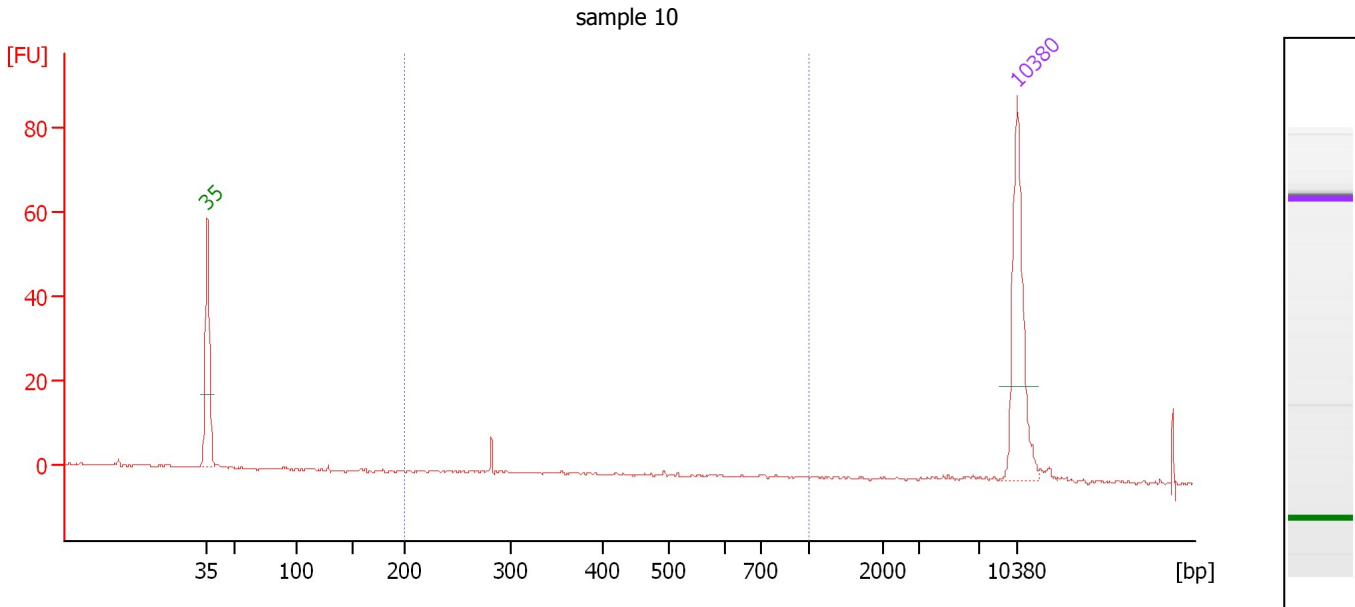
Region table for sample 9 : Europe V4-1-1 1:3 (integenX)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
392	487	428	8,328.4	2,354.56	1,138.3	83	2.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 0 Corr. Area 1: 4.3
 Noise: 0.2

Peak table for sample 10 : sample 10

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	113.00	10,380	75.00	10.9	Upper Marker

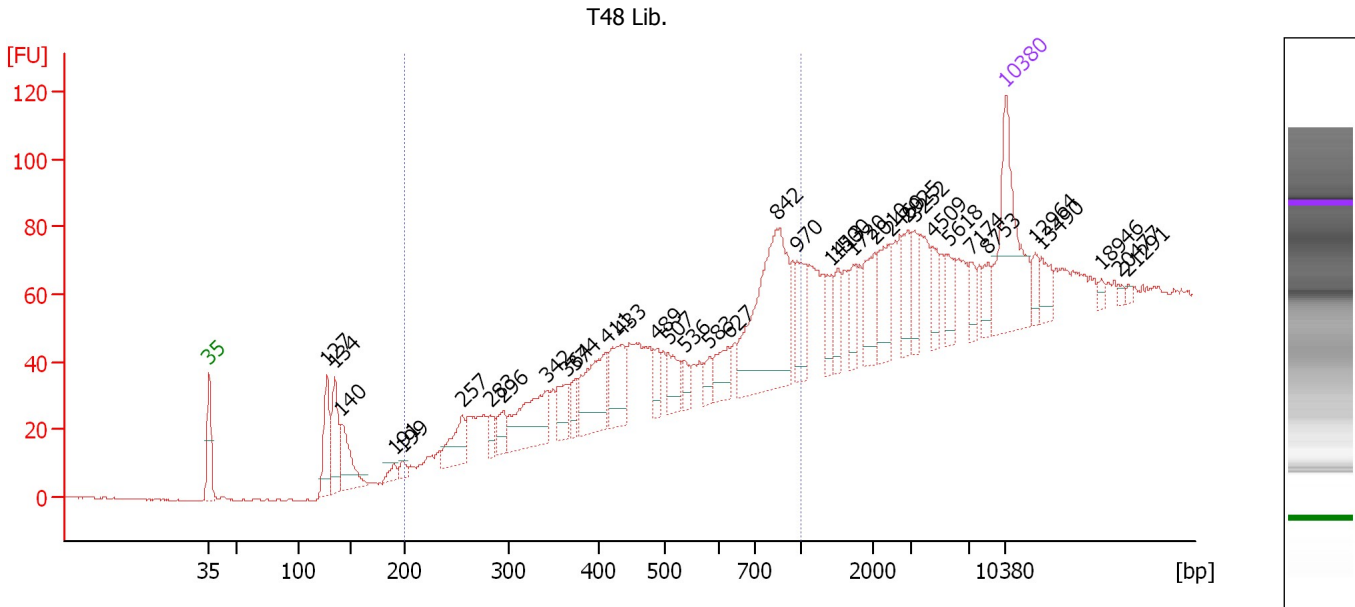
Region table for sample 10 : sample 10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	400	27.7	5.97	4.3	23	45.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : T48 Lib.

Number of peaks found: 36 Corr. Area 1: 387.9
 Noise: 0.2

Peak table for sample 11 : T48 Lib.

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	53.31	127	57.20	683.4	
3	54.01	134	59.20	667.9	
4	54.57	140	52.91	571.4	
5	59.26	191	9.26	73.5	
6	59.96	199	7.50	57.2	
7	65.26	257	38.23	225.8	
8	67.69	283	12.59	67.4	
9	68.82	296	17.61	90.3	
10	72.61	342	72.56	321.3	
11	74.39	364	25.40	105.6	
12	75.14	374	13.97	56.6	
13	77.91	411	67.62	249.2	
14	79.17	433	47.60	166.4	
15	82.31	489	15.92	49.4	
16	83.29	507	24.89	74.4	
17	84.70	536	10.47	29.6	
18	86.95	583	11.86	30.8	
19	88.59	627	24.40	59.0	
20	92.85	842	148.10	266.4	
21	94.59	970	34.08	53.2	
22	97.63	1,413	14.77	15.8	
23	98.19	1,500	16.93	17.1	
24	99.60	1,720	15.32	13.5	
25	101.43	2,010	29.37	22.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 11 : T48 Lib.

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
26	102.88	2,460	31.00	19.1	
27	104.38	2,925	22.12	11.5	
28	104.94	3,252	15.69	7.3	
29	106.53	4,509	15.65	5.3	
30	107.94	5,618	15.67	4.2	
31	109.86	7,174	11.13	2.4	
32	111.41	8,753	11.31	2.0	
33	113.00	10,380	75.00	10.9	Upper Marker
34	115.53	12,964	0.00	0.0	
35	116.05	13,490	0.00	0.0	
36	121.39	18,946	0.00	0.0	
37	122.89	20,477	0.00	0.0	
38	123.68	21,291	0.00	0.0	

Region table for sample 11 : T48 Lib.

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	628	1,071.9	373.95	387.9	41	33.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-06\2014-03-06_003.xad

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Gel Image

