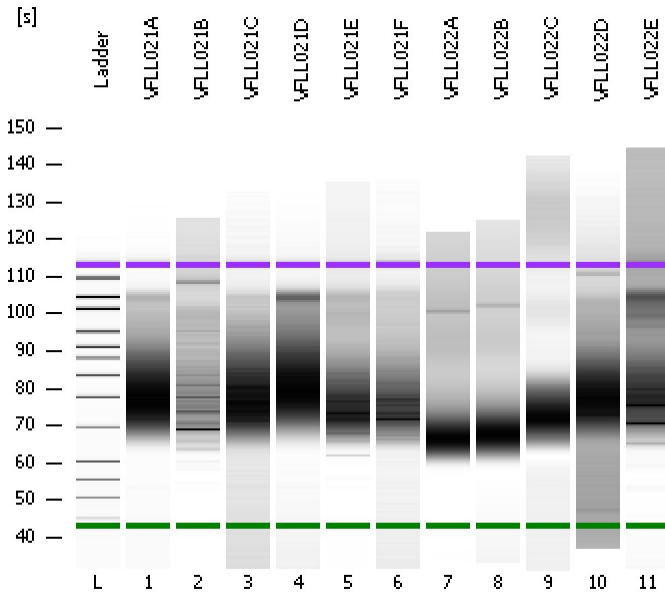


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
Modified: 9/10/2013 11:25:36 AM

Electrophoresis File Run Summary



Instrument Information:

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

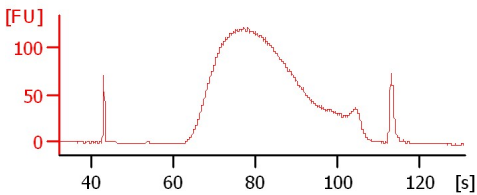
Assay Information:

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

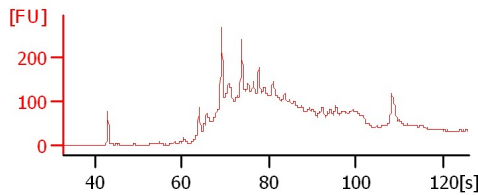
Chip Information:

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

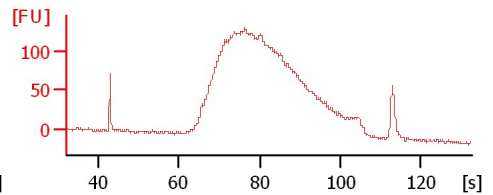
VFLLO21A



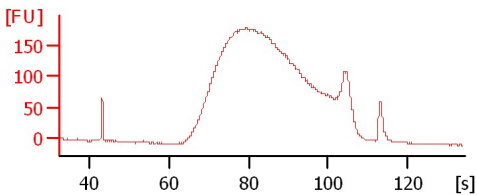
VFLLO21B



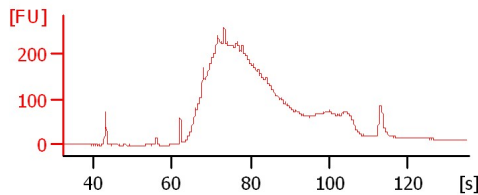
VFLLO21C



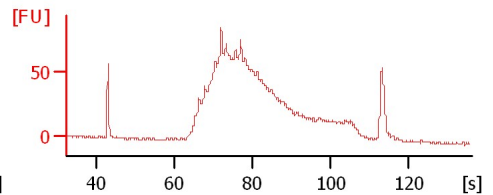
VFLLO21D



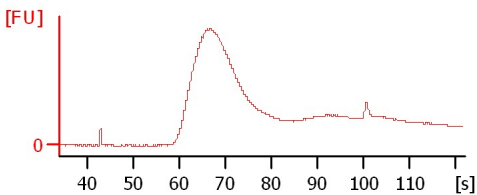
VFLLO21E



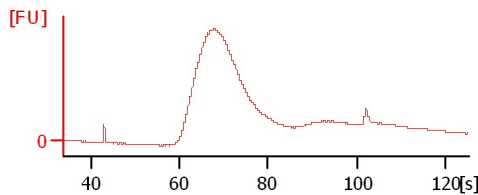
VFLLO21F



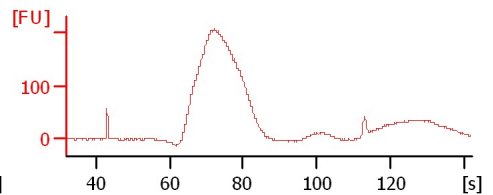
VFLLO22A



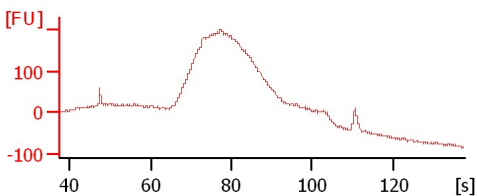
VFLLO22B



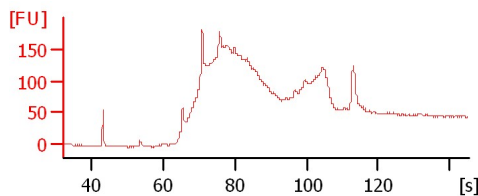
VFLLO22C



VFLLO22D



VFLLO22E



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
 Modified: 9/10/2013 11:25:36 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
VFLL021A		<input type="checkbox"/>	✓			
VFLL021B		<input type="checkbox"/>	✓			
VFLL021C		<input type="checkbox"/>	✓			
VFLL021D		<input type="checkbox"/>	✓			
VFLL021E		<input type="checkbox"/>	✓			
VFLL021F		<input type="checkbox"/>	✓			
VFLL022A		<input type="checkbox"/>	✓			
VFLL022B		<input type="checkbox"/>	✓			
VFLL022C		<input type="checkbox"/>	✓			
VFLL022D		<input type="checkbox"/>	✓			
VFLL022E		<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\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
Modified: 9/10/2013 11:25:36 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

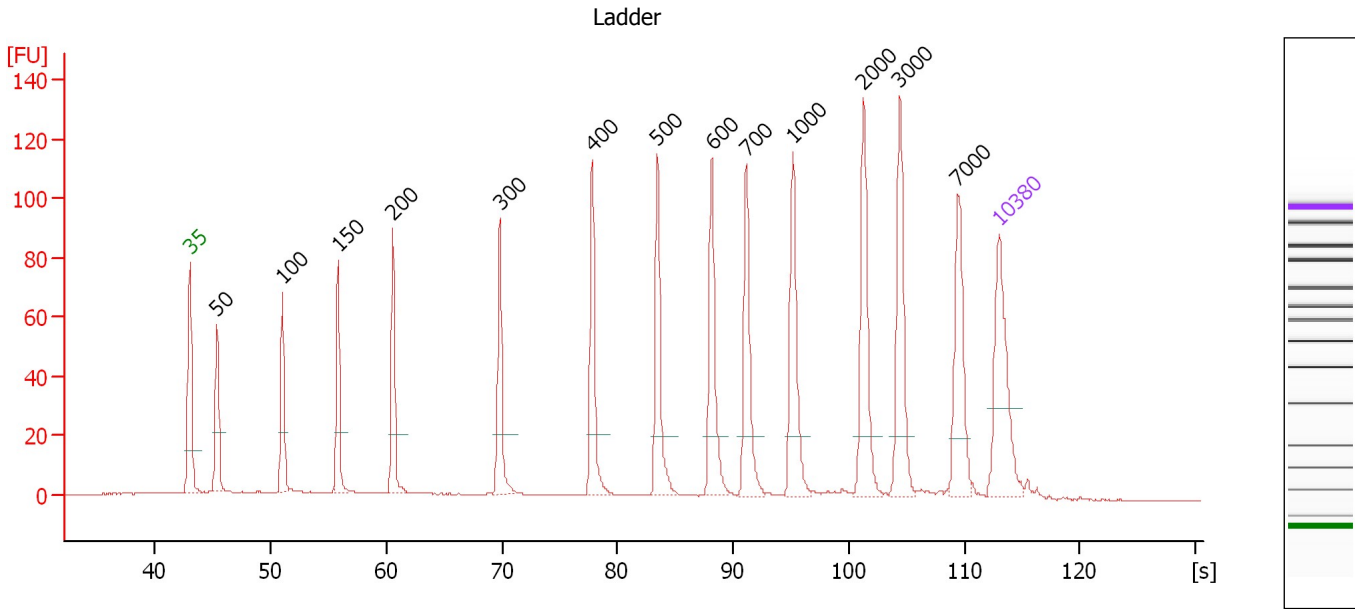
Ladder

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\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

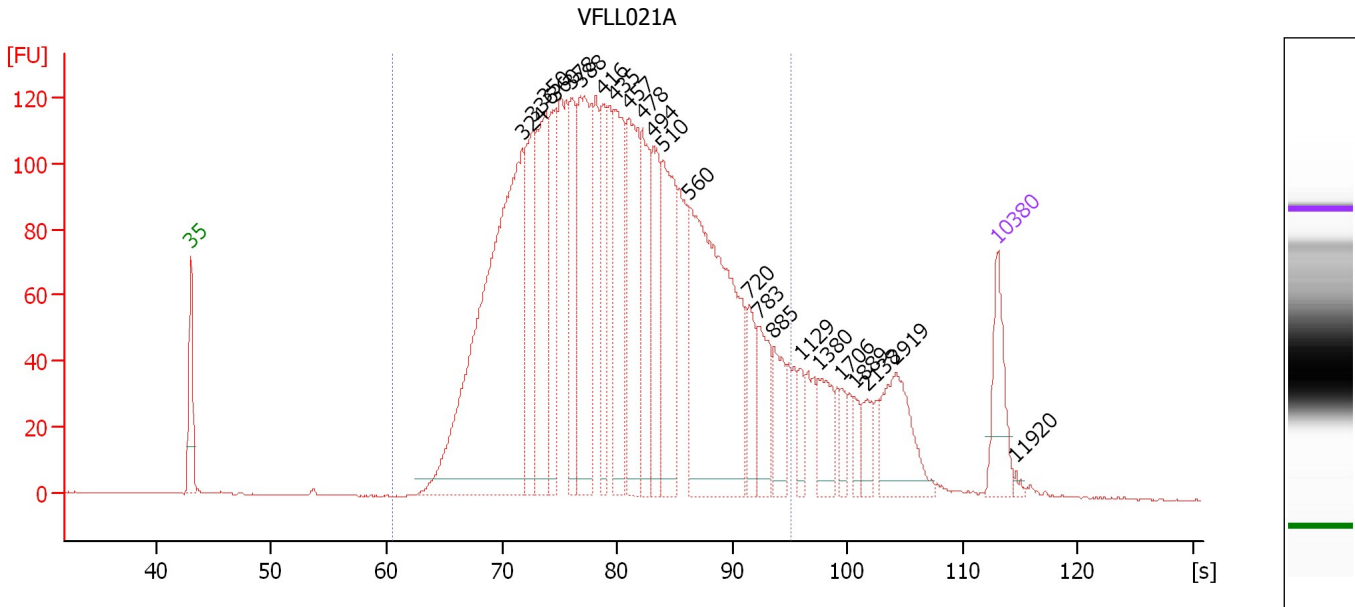
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
 Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : VFLLO21A

Number of peaks found: 23 Corr. Area 1: 3,356.5
 Noise: 0.2

Peak table for sample 1 : VFLLO21A

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	324	949.34	4,436.6	
3	336	201.08	905.5	
4	350	279.37	1,209.9	
5	360	151.31	636.2	
6	378	149.14	598.1	
7	388	302.63	1,182.5	
8	416	128.61	467.9	
9	435	209.27	729.7	
10	457	236.91	786.0	
11	478	162.89	516.2	
12	494	155.83	478.3	
13	510	227.09	674.3	
14	560	554.13	1,499.6	
15	720	70.83	149.0	
16	783	88.41	171.1	
17	885	67.47	115.6	
18	1,129	27.71	37.2	
19	1,380	60.73	66.7	
20	1,706	24.06	21.4	
21	1,889	22.91	18.4	
22	2,138	32.71	23.2	
23	2,919	111.05	57.6	
24	10,380	75.00	10.9	Upper Marker
25	11,920	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
Modified: 9/10/2013 11:25:36 AM

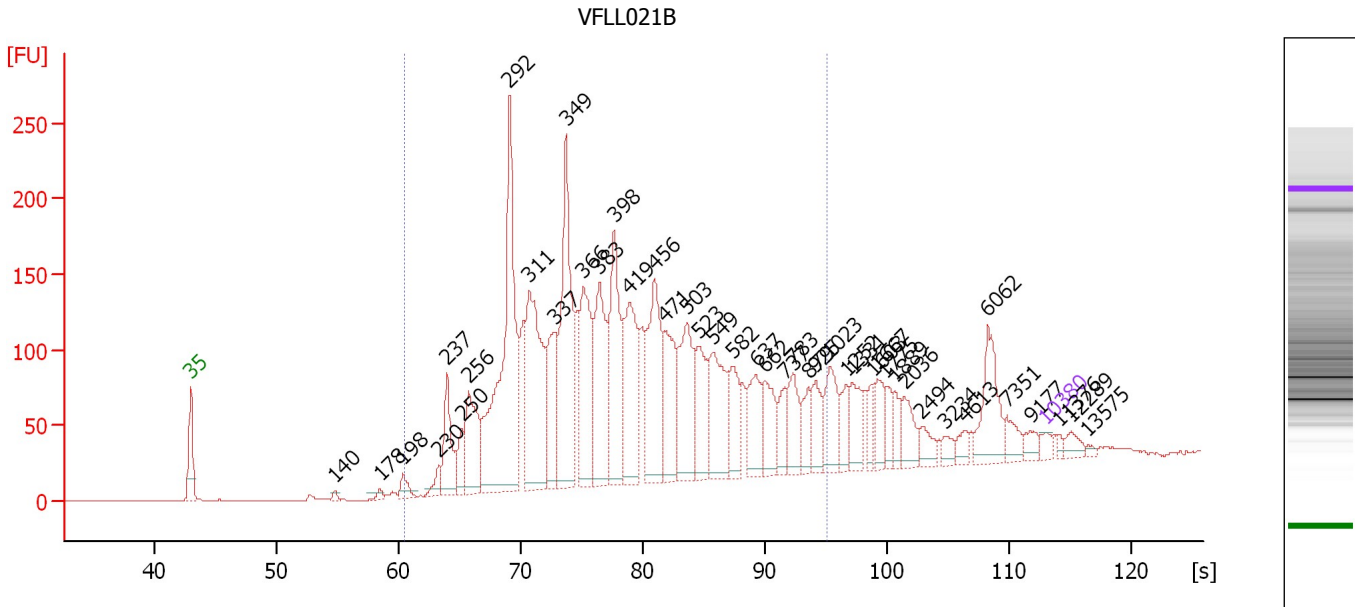
Electropherogram Summary Continued ...**... Region table for sample 1 : VFLL021A**

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Co lor
60.57	95.15	461	17,497.5	4,682.63	3,356.5	89	32.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
 Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : VFLLO21B

Number of peaks found: 44 Corr. Area 1: 3,655.7
 Noise: 0.3

Peak table for sample 2 : VFLLO21B

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	140	48.25	523.8	
3	178	63.85	544.0	
4	198	163.74	1,254.5	
5	230	173.51	1,142.9	
6	237	704.96	4,513.4	
7	250	306.25	1,852.8	
8	256	947.91	5,607.3	
9	292	3,591.19	18,618.9	
10	311	2,087.08	10,156.2	
11	337	946.49	4,253.0	
12	349	2,146.13	9,324.3	
13	366	1,373.70	5,681.8	
14	383	1,291.91	5,113.3	
15	398	1,381.50	5,256.6	
16	419	1,284.04	4,641.4	
17	456	1,388.82	4,618.8	
18	471	837.44	2,693.5	
19	503	1,132.33	3,407.8	
20	523	699.59	2,026.3	
21	549	968.35	2,671.0	
22	582	483.91	1,259.6	
23	637	531.01	1,263.6	
24	662	501.76	1,148.7	
25	737	282.23	580.4	
26	783	430.26	832.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad


Created: 9/10/2013 10:41:59 AM
 Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : VFLL021B

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	879	263.93	455.2	
28	925	352.28	577.2	
29	1,023	486.24	720.3	
30	1,252	231.37	280.0	
31	1,331	327.38	372.7	
32	1,603	178.82	169.0	
33	1,667	264.12	240.0	
34	1,775	180.68	154.2	
35	1,889	170.75	136.9	
36	2,036	255.77	190.4	
37	2,494	157.56	95.7	
38	3,234	97.48	45.7	
39	4,613	109.27	35.9	
40	6,062	581.18	145.3	
41	7,351	172.73	35.6	
42	9,177	102.56	16.9	
43	10,380	75.00	10.9	Upper Marker
44	11,376	0.00	0.0	
45	12,289	0.00	0.0	
46	13,575	0.00	0.0	

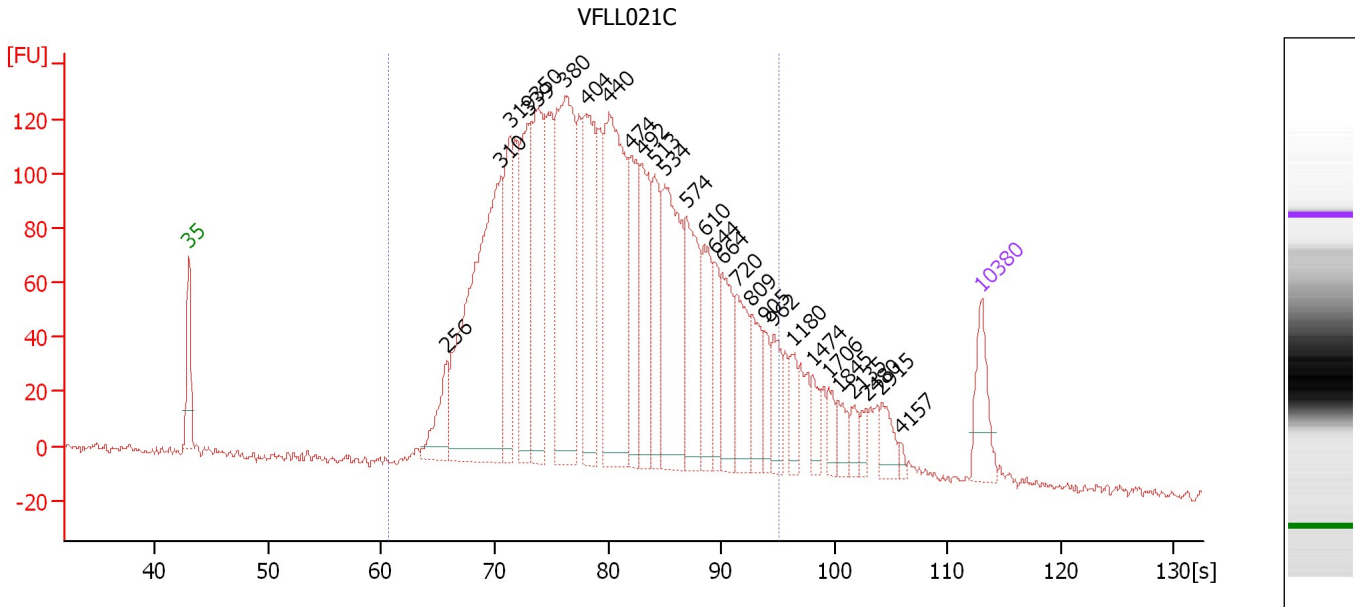
Region table for sample 2 : VFLL021B

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area % of Total	Size distribution in CV [%]	Color
60.57	95.15	444	96,597.4	24,364.26	3,655.7 84	36.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : VFL021C

Number of peaks found: 28 Corr. Area 1: 3,766.1
 Noise: 1.7

Peak table for sample 3 : VFL021C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	256	112.62	666.1	
3	310	801.73	3,921.3	
4	319	236.38	1,121.8	
5	339	290.11	1,297.2	
6	350	324.97	1,408.7	
7	380	510.55	2,036.8	
8	404	309.94	1,162.1	
9	440	503.61	1,733.9	
10	474	203.21	649.1	
11	492	202.26	623.0	
12	513	155.65	459.3	
13	534	333.55	947.0	
14	574	209.04	551.7	
15	610	122.00	303.0	
16	644	70.67	166.4	
17	664	130.95	298.7	
18	720	129.04	271.5	
19	809	90.96	170.3	
20	905	49.11	82.2	
21	962	68.82	108.4	
22	1,180	45.87	58.9	
23	1,474	34.04	35.0	
24	1,706	29.05	25.8	
25	1,845	31.23	25.6	
26	2,135	23.85	16.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad


Created: 9/10/2013 10:41:59 AM
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Electropherogram Summary Continued ...

... Peak table for sample 3 : VFLLO21C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,480	18.24	11.1	
28	2,915	37.88	19.7	
29	4,157	7.91	2.9	
30	10,380	75.00	10.9	Upper Marker

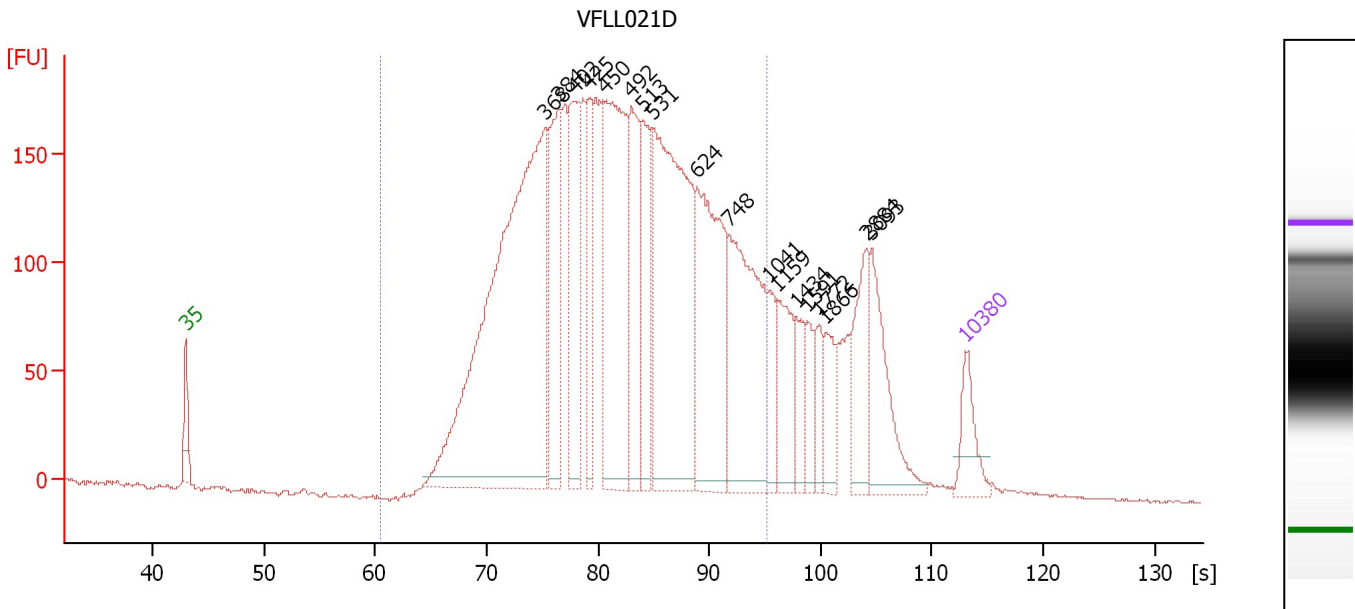
Region table for sample 3 : VFLLO21C

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
60.57	95.15	460	21,221.9	5,611.31	3,766.1 90	33.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : VFLLO21D

Number of peaks found: 18 Corr. Area 1: 4,924.4
 Noise: 0.6

Peak table for sample 4 : VFLLO21D

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	368	1,596.43	6,573.7	
3	384	330.41	1,305.0	
4	402	317.55	1,198.1	
5	425	177.89	633.6	
6	450	618.42	2,082.0	
7	492	287.65	886.4	
8	513	238.01	703.6	
9	531	848.72	2,421.5	
10	624	482.66	1,171.8	
11	748	476.15	965.0	
12	1,041	85.97	125.1	
13	1,159	139.63	182.5	
14	1,434	73.93	78.1	
15	1,591	62.12	59.2	
16	1,772	62.21	53.2	
17	1,866	74.47	60.5	
18	2,884	147.65	77.6	
19	3,093	186.81	91.5	
20	10,380	75.00	10.9	Upper Marker

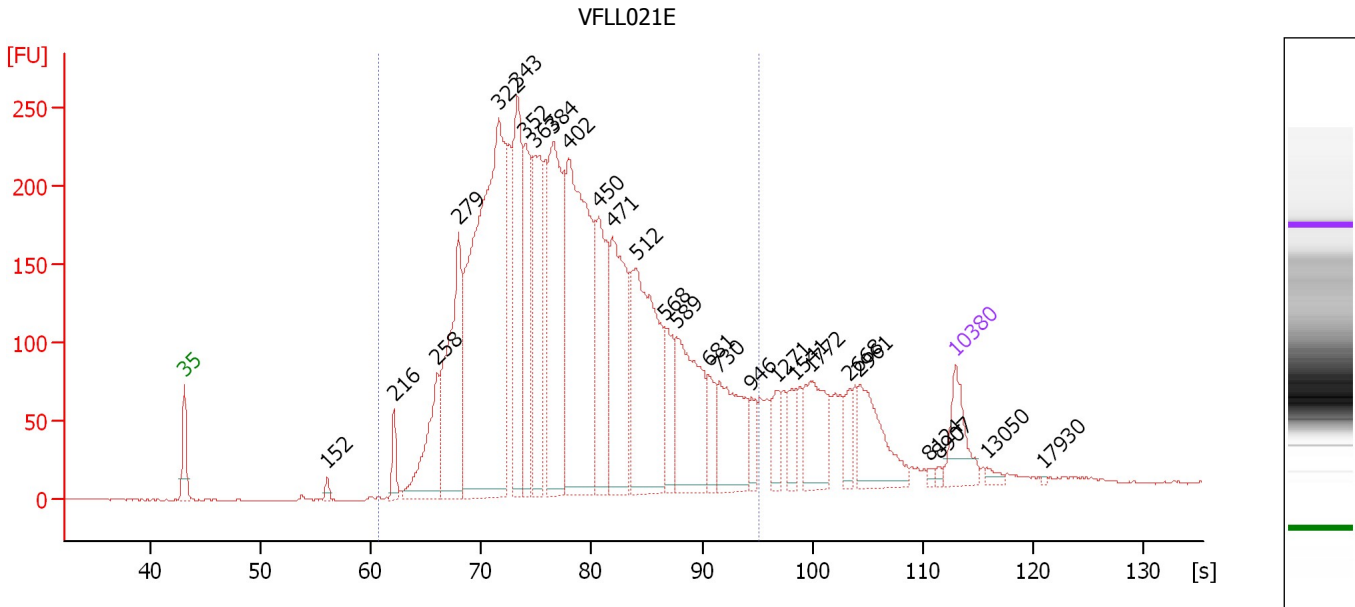
Region table for sample 4 : VFLLO21D

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
60.57	95.15	496	21,074.3	6,064.00	4,924.4 83	32.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
 Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : VFLLO21E

Number of peaks found: 27 Corr. Area 1: 5,656.6
 Noise: 0.4

Peak table for sample 5 : VFLLO21E

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	152	15.13	150.8	
3	216	45.23	317.1	
4	258	196.43	1,152.4	
5	279	408.71	2,216.8	
6	322	1,180.56	5,557.8	
7	343	334.85	1,478.4	
8	352	229.03	986.6	
9	363	276.91	1,156.8	
10	384	443.03	1,747.9	
11	402	692.46	2,612.8	
12	450	260.50	877.7	
13	471	331.22	1,065.1	
14	512	455.99	1,349.6	
15	568	100.43	267.9	
16	589	257.09	661.6	
17	681	64.92	144.5	
18	730	187.77	389.8	
19	946	35.61	57.1	
20	1,271	49.70	59.2	
21	1,541	41.53	40.8	
22	1,772	114.53	97.9	
23	2,668	34.29	19.5	
24	2,961	126.49	64.7	
25	8,124	5.98	1.1	
26	8,907	5.33	0.9	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...**... Peak table for sample 5 : VFLLO21E**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	13,050	0.00	0.0	
29	17,930	0.00	0.0	

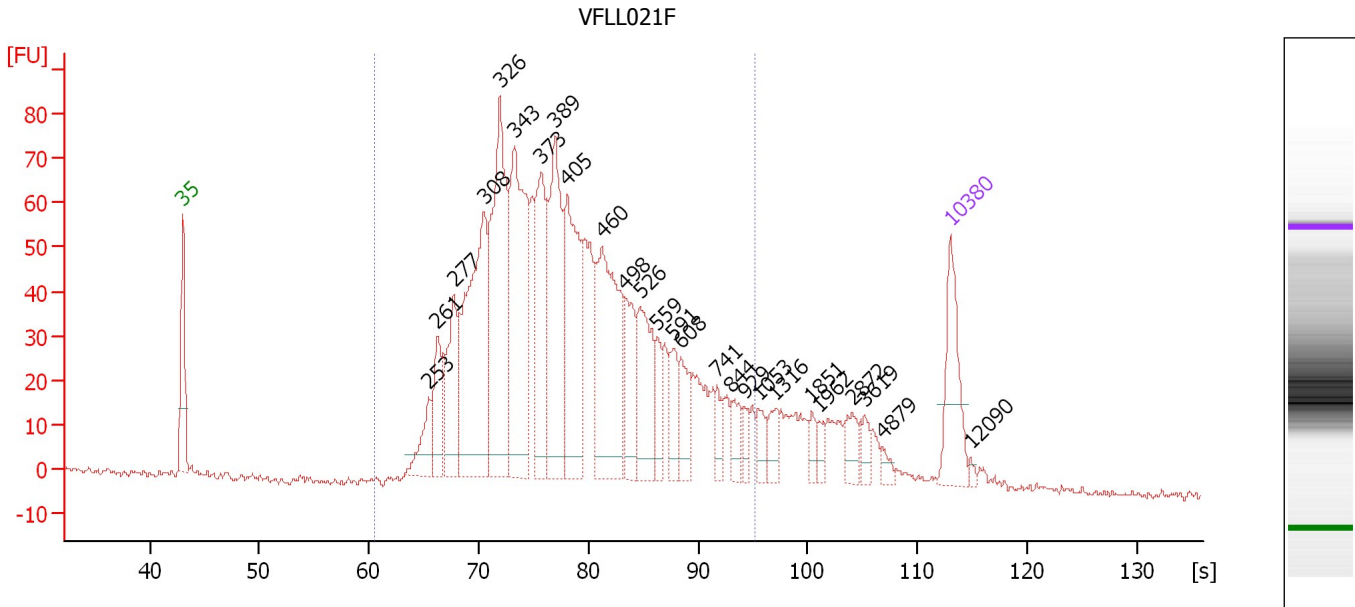
Region table for sample 5 : VFLLO21E

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color	
60.57	95.15	431	22,831.2	5,718.52	5,656.6	87	33.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
 Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : VFLLO21F

Number of peaks found: 26 Corr. Area 1: 1,668.9
 Noise: 0.8

Peak table for sample 6 : VFLLO21F

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	253	55.62	333.1	
3	261	74.29	430.6	
4	277	111.62	609.9	
5	308	330.69	1,626.6	
6	326	322.99	1,499.3	
7	343	296.70	1,310.9	
8	373	170.95	694.5	
9	389	211.24	821.8	
10	405	200.70	750.8	
11	460	242.32	797.7	
12	498	82.17	249.9	
13	526	111.48	321.1	
14	559	35.25	95.5	
15	591	42.94	110.1	
16	608	42.17	105.0	
17	741	26.72	54.6	
18	844	26.85	48.2	
19	929	15.67	25.6	
20	1,053	20.54	29.6	
21	1,316	21.89	25.2	
22	1,851	11.49	9.4	
23	1,962	12.04	9.3	
24	2,872	21.87	11.5	
25	3,619	13.21	5.5	
26	4,879	8.04	2.5	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
Modified: 9/10/2013 11:25:36 AM

Electropherogram Summary Continued ...**... Peak table for sample 6 : VFLLO21F**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	12,090	0.00	0.0	

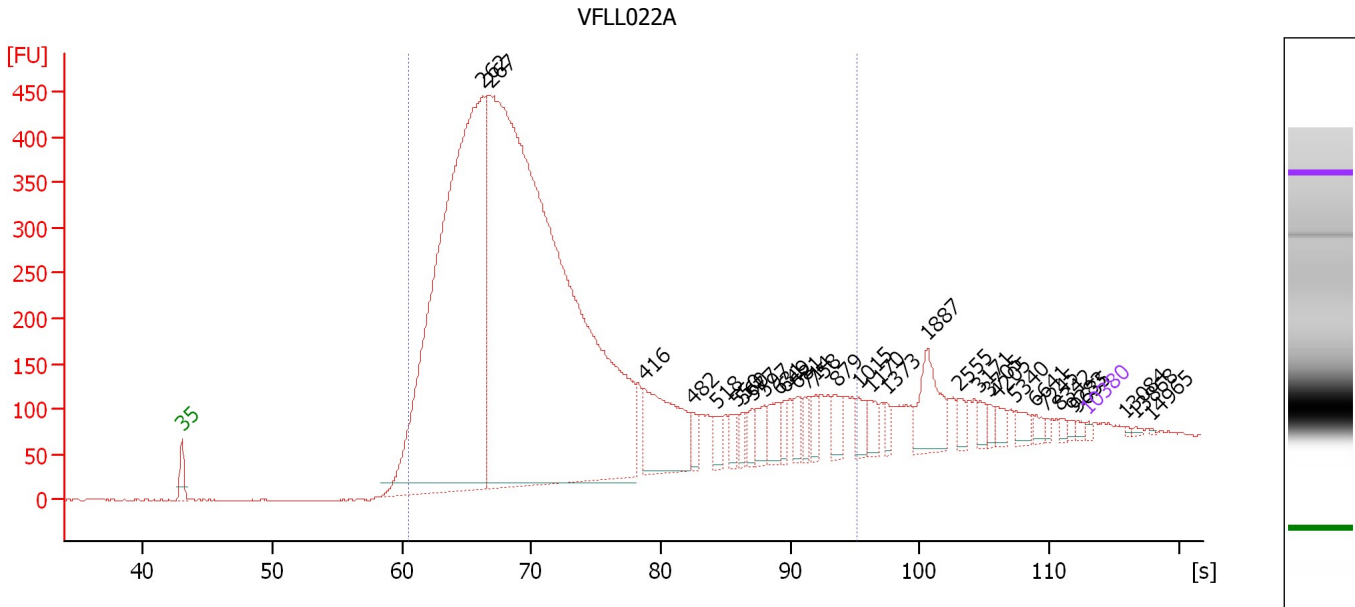
Region table for sample 6 : VFLLO21F

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
60.57	95.15	432	11,060.9	2,788.68	1,668.9 89	33.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : VFLLO22A

Number of peaks found: 32 Corr. Area 1: 8,839.6
 Noise: 0.8

Peak table for sample 7 : VFLLO22A

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	262	40,266.90	233,119.1	
3	267	64,211.71	364,251.6	
4	416	4,413.37	16,071.1	
5	482	619.56	1,947.8	
6	518	582.89	1,705.1	
7	550	554.79	1,529.0	
8	560	458.45	1,239.5	
9	577	461.68	1,212.0	
10	597	732.52	1,860.3	
11	631	870.24	2,089.8	
12	649	467.11	1,090.4	
13	681	596.71	1,327.3	
14	714	516.99	1,097.1	
15	758	579.41	1,158.8	
16	879	723.48	1,247.0	
17	1,015	671.83	1,003.3	
18	1,170	538.84	697.7	
19	1,373	298.60	329.5	
20	1,887	1,727.86	1,387.4	
21	2,555	375.49	222.7	
22	3,171	298.00	142.4	
23	3,705	212.73	87.0	
24	4,205	340.90	122.8	
25	5,340	369.82	104.9	
26	6,641	228.02	52.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad


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Electropherogram Summary Continued ...

... Peak table for sample 7 : VFLL022A

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	7,245	127.22	26.6	
28	8,342	121.86	22.1	
29	9,283	102.46	16.7	
30	9,635	110.63	17.4	
31	10,380	75.00	10.9	Upper Marker
32	13,084	0.00	0.0	
33	13,868	0.00	0.0	
34	14,965	0.00	0.0	

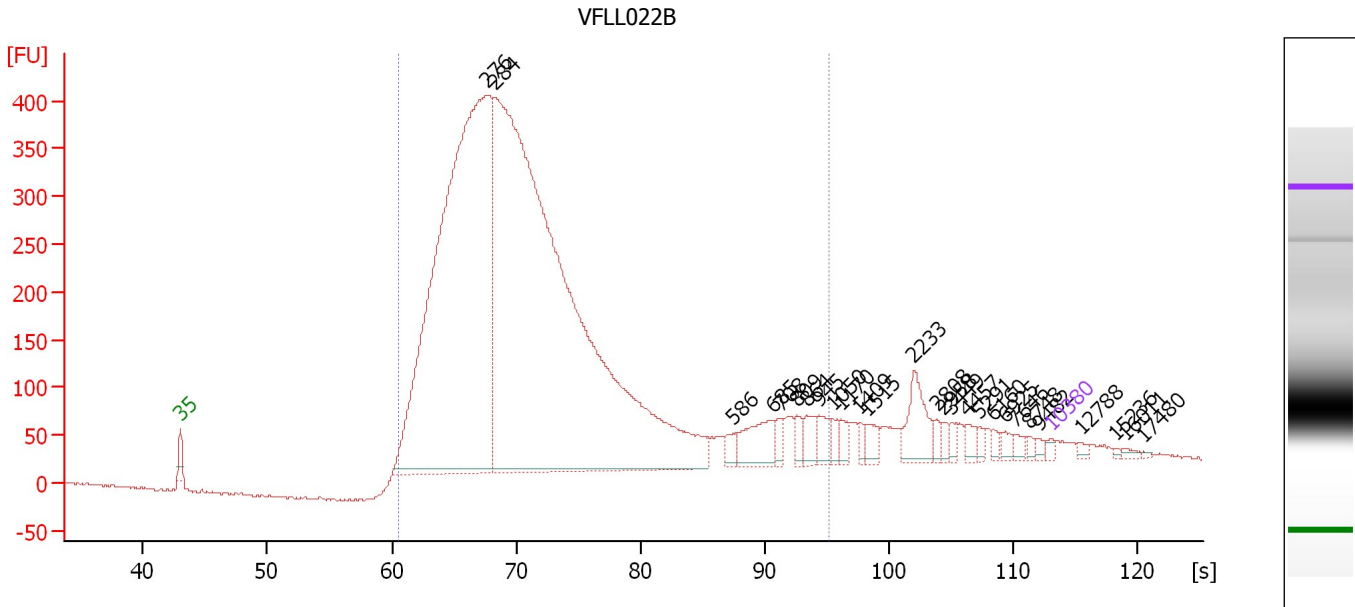
Region table for sample 7 : VFLL022A

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color	
60.57	95.15	348	554,399.3	108,757.20	8,839.6	89	43.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : VFLLO22B

Number of peaks found: 27 Corr. Area 1: 8,012.6
 Noise: 1.3

Peak table for sample 8 : VFLLO22B

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	276	23,679.06	130,056.8	
3	284	33,750.70	180,187.8	
4	586	240.40	621.9	
5	685	980.05	2,168.2	
6	708	202.44	433.0	
7	809	257.24	481.8	
8	864	350.84	615.2	
9	945	369.03	591.6	
10	1,050	210.72	304.1	
11	1,170	209.64	271.6	
12	1,409	134.86	145.0	
13	1,515	241.33	241.4	
14	2,233	804.77	545.9	
15	2,808	121.61	65.6	
16	2,958	141.45	72.5	
17	3,449	111.43	48.9	
18	4,457	182.53	62.0	
19	5,291	110.68	31.7	
20	6,160	100.46	24.7	
21	6,925	122.33	26.8	
22	7,646	118.81	23.5	
23	8,748	76.25	13.2	
24	9,482	67.76	10.8	
25	10,380	75.00	10.9	Upper Marker
26	12,788	0.00	0.0	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...**... Peak table for sample 8 : VFLL022B**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	15,236	0.00	0.0	
28	16,011	0.00	0.0	
29	17,480	0.00	0.0	

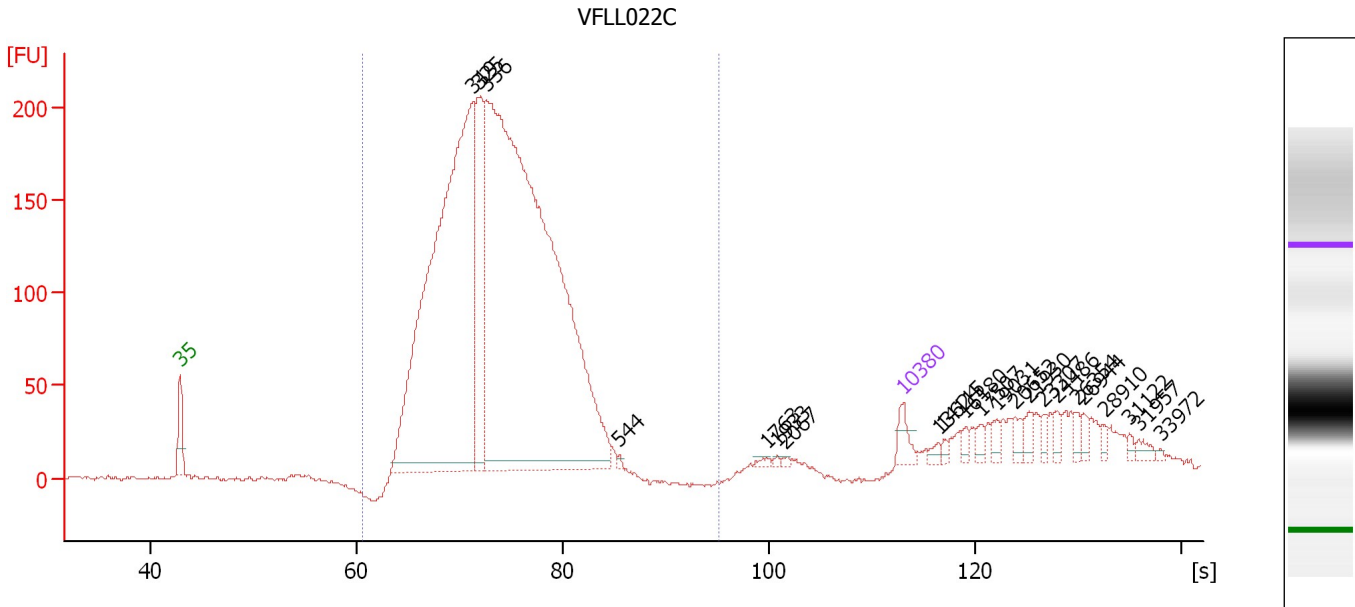
Region table for sample 8 : VFLL022B

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area % of Total	Size distribution in CV [%]	Color	
60.57	95.15	343	291,860.2	58,061.99	8,012.6	90	40.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : VFL022C

Number of peaks found: 22 Corr. Area 1: 3,495.3
 Noise: 0.8

Peak table for sample 9 : VFL022C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	319	4,374.69	20,757.3	
3	325	887.46	4,135.0	
4	336	6,750.24	30,416.7	
5	544	10.91	30.4	
6	1,763	13.65	11.7	
7	1,933	7.18	5.6	
8	2,067	10.71	7.9	
9	10,380	75.00	10.9	Upper Marker
10	13,624	0.00	0.0	
11	14,115	0.00	0.0	
12	16,180	0.00	0.0	
13	17,507	0.00	0.0	
14	19,031	0.00	0.0	
15	20,652	0.00	0.0	
16	21,930	0.00	0.0	
17	23,307	0.00	0.0	
18	24,486	0.00	0.0	
19	26,354	0.00	0.0	
20	26,944	0.00	0.0	
21	28,910	0.00	0.0	
22	31,122	0.00	0.0	
23	31,957	0.00	0.0	
24	33,972	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

Created: 9/10/2013 10:41:59 AM
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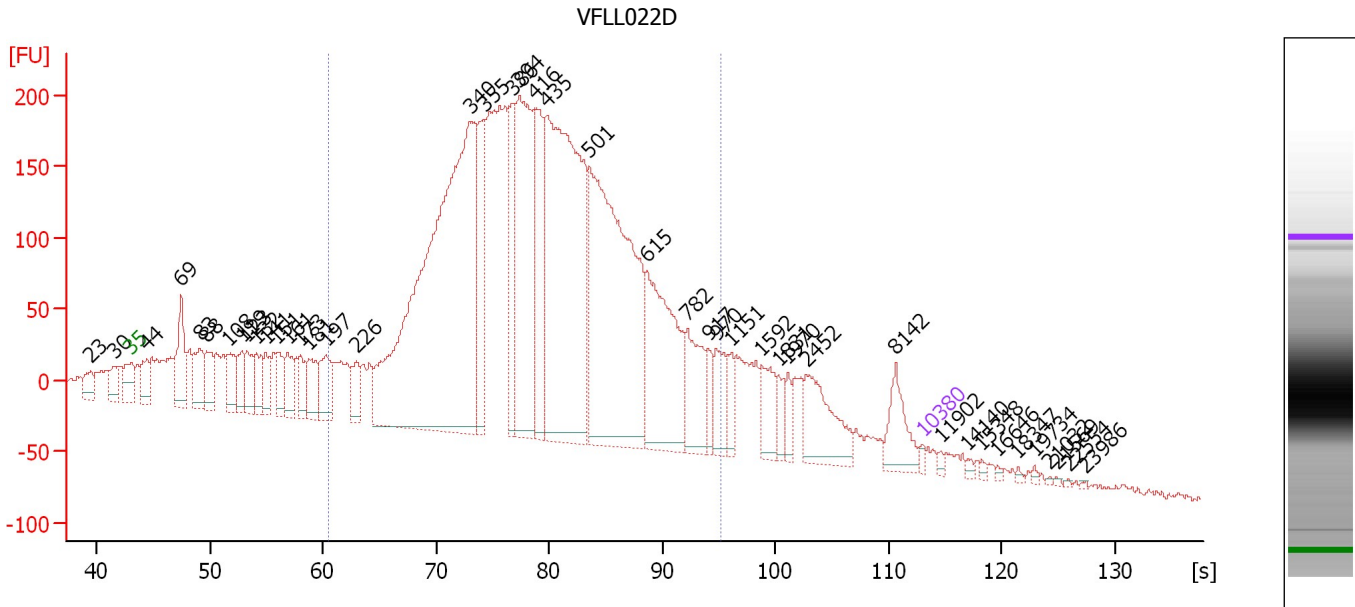
Electropherogram Summary Continued ...**... Region table for sample 9 : VFLL022C**

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Co lor
60.57	95.15	352	53,569.4	11,933.68	3,495.3	88	17.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : VFLLO22D

Number of peaks found: 44 Corr. Area 1: 6,451.1
 Noise: 2.4

Peak table for sample 10 : VFLLO22D

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	23	0.00	0.0	
2	30	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	44	946.48	32,462.0	
5	69	1,959.79	43,166.3	
6	83	1,300.02	23,613.5	
7	88	1,157.32	19,829.4	
8	108	1,093.30	15,408.5	
9	119	860.48	10,976.1	
10	123	966.13	11,882.5	
11	132	924.74	10,613.3	
12	141	697.29	7,501.4	
13	151	866.67	8,716.1	
14	161	920.99	8,659.0	
15	173	721.09	6,310.0	
16	181	1,050.45	8,810.5	
17	197	1,172.70	9,012.9	
18	226	716.92	4,811.4	
19	340	17,245.11	76,764.7	
20	355	2,142.24	9,138.1	
21	386	1,961.78	7,700.0	
22	394	5,063.71	19,456.9	
23	416	2,702.80	9,838.6	
24	435	10,476.35	36,452.0	
25	501	9,793.05	29,629.7	
26	615	3,855.34	9,490.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad


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Electropherogram Summary Continued ...

... Peak table for sample 10 : VFL022D

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	782	1,452.43	2,815.5	
28	917	448.91	741.9	
29	970	803.30	1,254.6	
30	1,151	435.82	573.5	
31	1,592	735.54	700.1	
32	1,831	336.06	278.1	
33	1,970	266.09	204.6	
34	2,452	1,382.85	854.5	
35	8,142	820.77	152.7	
36	10,380	75.00	10.9	Upper Marker
37	11,902	0.00	0.0	
38	14,140	0.00	0.0	
39	15,348	0.00	0.0	
40	16,646	0.00	0.0	
41	18,347	0.00	0.0	
42	19,734	0.00	0.0	
43	21,032	0.00	0.0	
44	21,569	0.00	0.0	
45	22,554	0.00	0.0	
46	23,986	0.00	0.0	

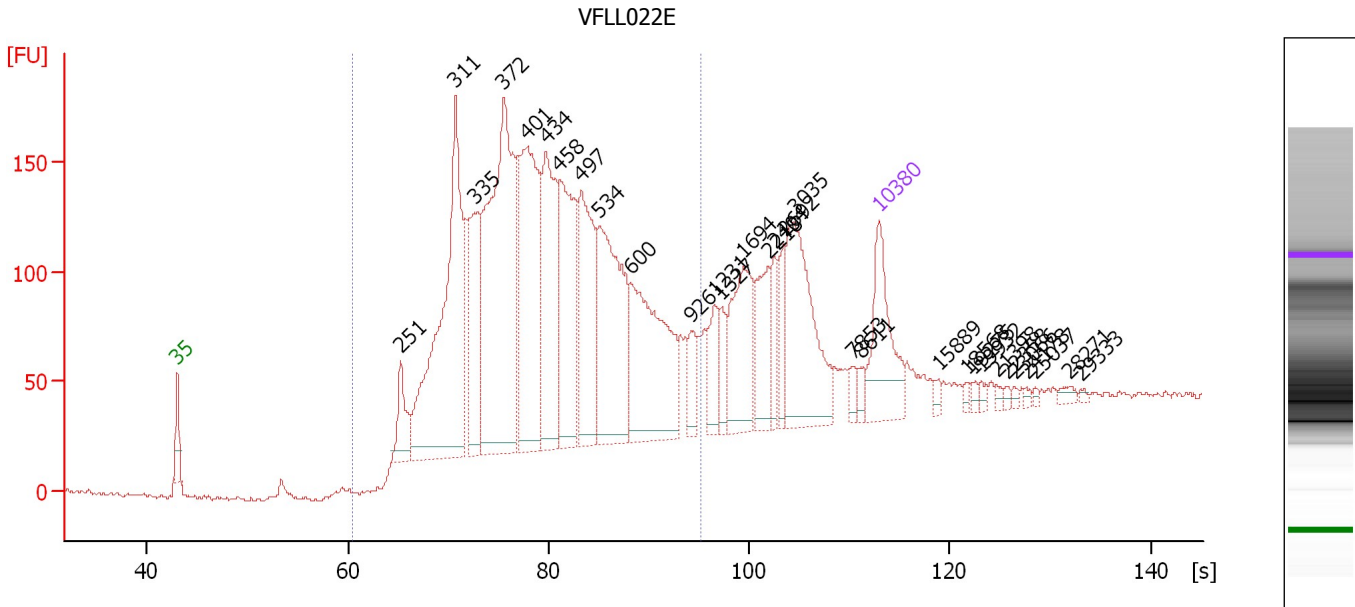
Region table for sample 10 : VFL022D

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
60.57	95.15	449	239,207.3	61,957.77	6,451.1 76	32.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : VFLLO22E

Number of peaks found: 31 Corr. Area 1: 3,354.2
 Noise: 1.1

Peak table for sample 11 : VFLLO22E

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	251	50.02	302.3	
3	311	377.26	1,836.3	
4	335	137.66	621.9	
5	372	390.69	1,593.3	
6	401	232.55	877.8	
7	434	167.37	583.7	
8	458	169.98	562.3	
9	497	148.40	452.7	
10	534	204.60	580.9	
11	600	187.90	474.7	
12	926	26.18	42.8	
13	1,231	34.39	42.3	
14	1,327	22.03	25.1	
15	1,694	86.50	77.4	
16	2,218	52.72	36.0	
17	2,404	24.60	15.5	
18	2,692	27.76	15.6	
19	3,035	129.00	64.4	
20	7,853	9.94	1.9	
21	8,611	7.26	1.3	
22	10,380	75.00	10.9	Upper Marker
23	15,889	0.00	0.0	
24	18,568	0.00	0.0	
25	19,275	0.00	0.0	
26	19,932	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-10\2013-09-10_003.xad

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Electropherogram Summary Continued ...**... Peak table for sample 11 : VFLLO22E**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	21,398	0.00	0.0	
28	22,358	0.00	0.0	
29	23,066	0.00	0.0	
30	24,178	0.00	0.0	
31	25,037	0.00	0.0	
32	28,271	0.00	0.0	
33	29,333	0.00	0.0	

Region table for sample 11 : VFLLO22E

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
60.57	95.15	458	8,335.8	2,231.60	3,354.2 75	32.5	