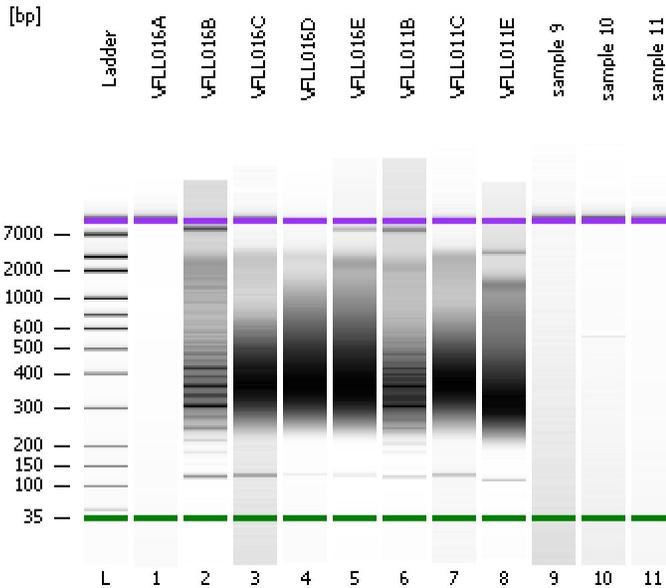


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
Modified: 1/31/2013 10:54:16 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

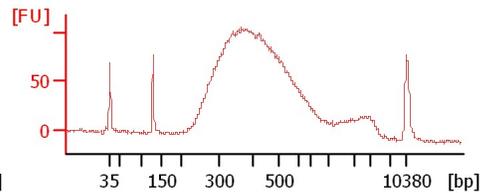
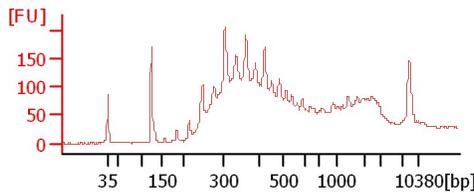
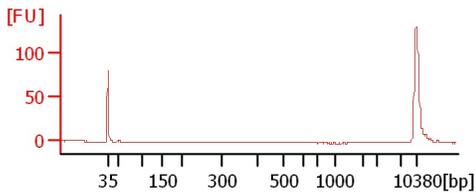
Chip Information:

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

VFLLO16A

VFLLO16B

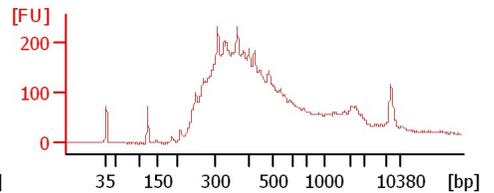
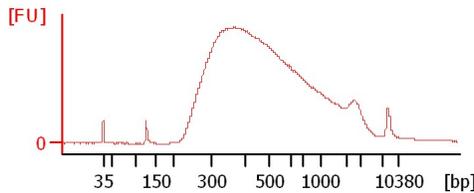
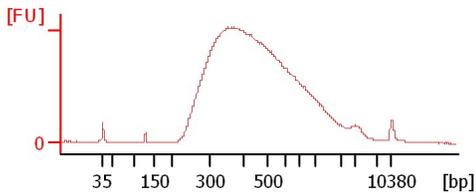
VFLLO16C



VFLLO16D

VFLLO16E

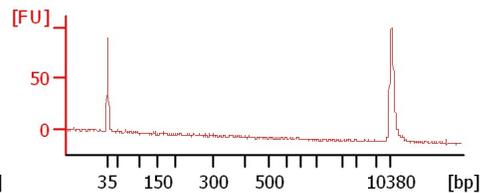
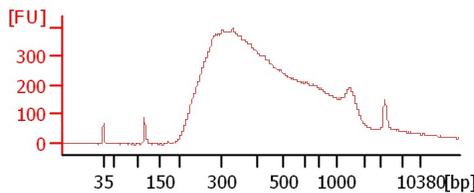
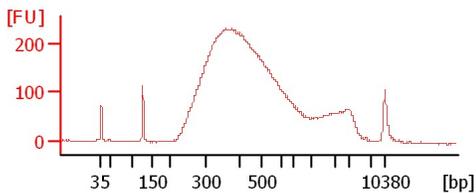
VFLLO11B



VFLLO11C

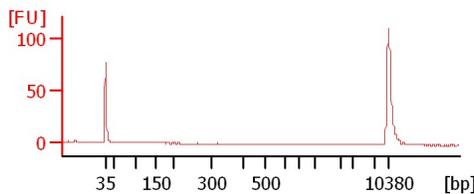
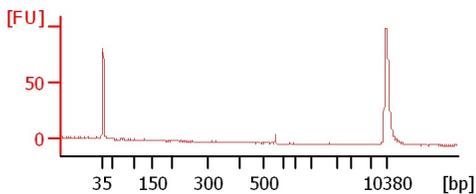
VFLLO11E

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
Modified: 1/31/2013 10:54:16 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
VFLL016A		<input type="checkbox"/>	✓			
VFLL016B		<input type="checkbox"/>	✓			
VFLL016C		<input type="checkbox"/>	✓			
VFLL016D		<input type="checkbox"/>	✓			
VFLL016E		<input type="checkbox"/>	✓			
VFLL011B		<input type="checkbox"/>	✓			
VFLL011C		<input type="checkbox"/>	✓			
VFLL011E		<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:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
Modified: 1/31/2013 10:54:16 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

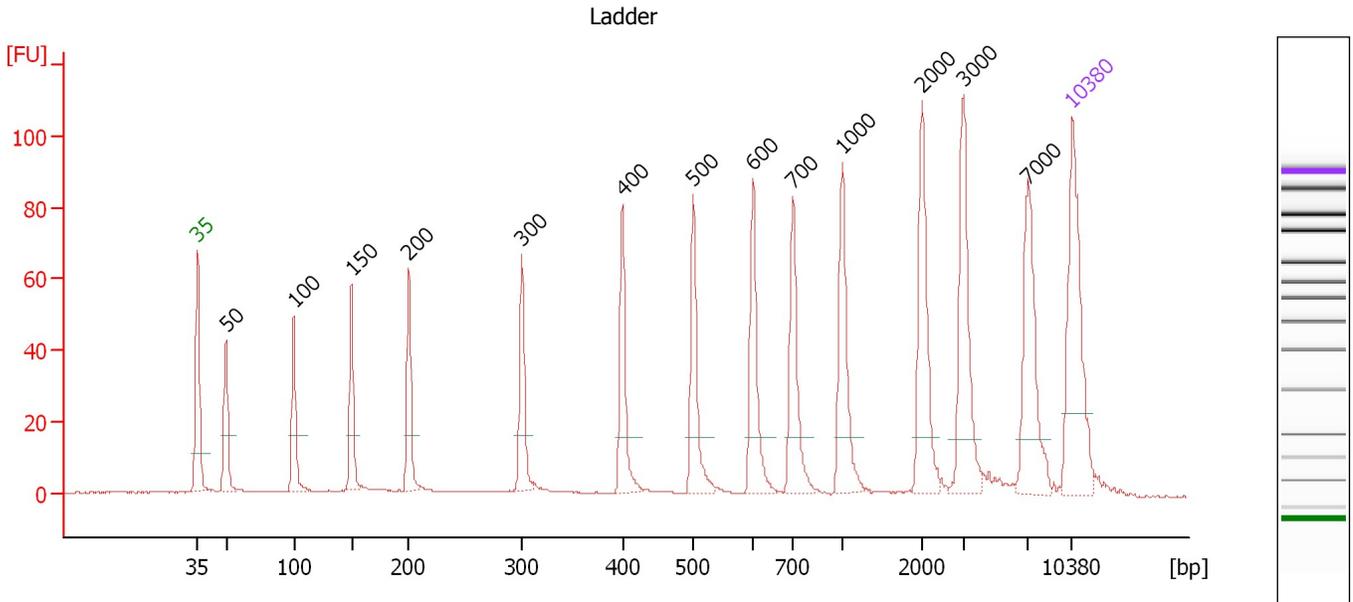
Ladder

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\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

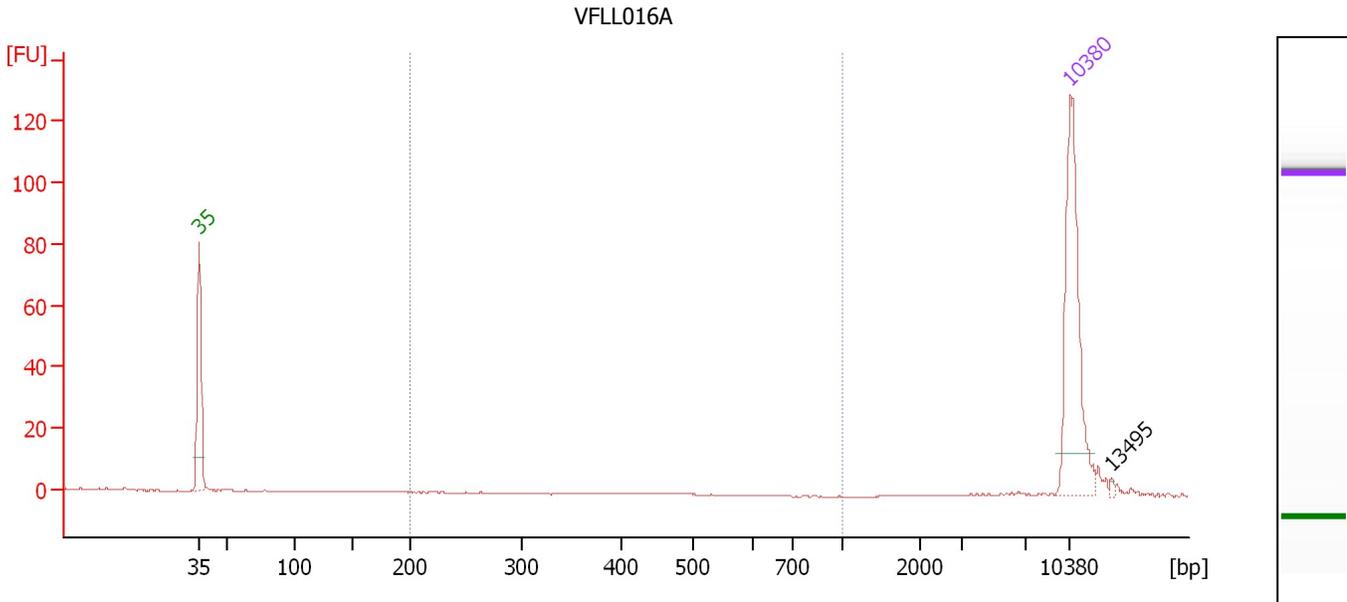
Peak table for Ladder

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\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : VFL016A

Number of peaks found: 1 Corr. Area 1: 0.0
 Noise: 0.2

Peak table for sample 1 : VFL016A

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker
3	13,495	0.00	0.0	

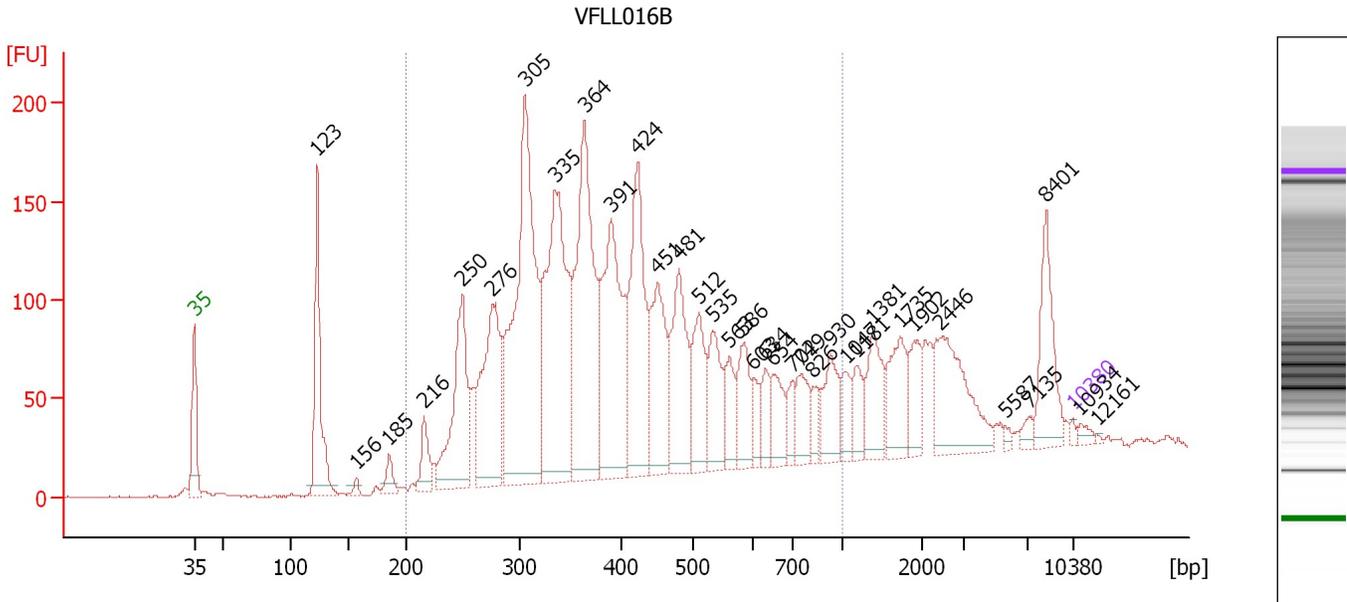
Region table for sample 1 : VFL016A

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	0	0.0	0.00	0.0	0	0.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : VFLLO16B

Number of peaks found: 35 Corr. Area 1: 3,540.2
 Noise: 0.5

Peak table for sample 2 : VFLLO16B

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	123	4,168.87	51,403.4	
3	156	179.36	1,739.1	
4	185	497.63	4,079.4	
5	216	917.00	6,434.8	
6	250	4,100.22	24,893.9	
7	276	4,699.75	25,826.3	
8	305	10,013.33	49,783.0	
9	335	7,870.04	35,619.4	
10	364	6,919.49	28,782.1	
11	391	5,320.88	20,640.7	
12	424	4,605.67	16,464.0	
13	451	2,895.02	9,718.8	
14	481	3,043.02	9,584.8	
15	512	1,930.36	5,712.9	
16	535	1,591.10	4,505.5	
17	563	923.31	2,486.5	
18	586	1,272.22	3,291.0	
19	603	499.00	1,254.8	
20	634	701.59	1,675.6	
21	654	946.00	2,190.6	
22	702	552.16	1,192.1	
23	749	920.59	1,861.2	
24	826	409.67	751.8	
25	930	1,123.85	1,830.1	
26	1,047	586.78	848.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : VFLLO16B

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	1,181	688.44	883.2	
28	1,381	1,210.68	1,327.9	
29	1,735	1,263.16	1,102.9	
30	1,902	789.57	628.9	
31	2,446	2,259.66	1,399.9	
32	5,587	87.92	23.8	
33	7,135	191.44	40.7	
34	8,401	1,572.08	283.5	
35	10,380	75.00	10.9	Upper Marker
36	10,934	0.00	0.0	
37	12,161	0.00	0.0	

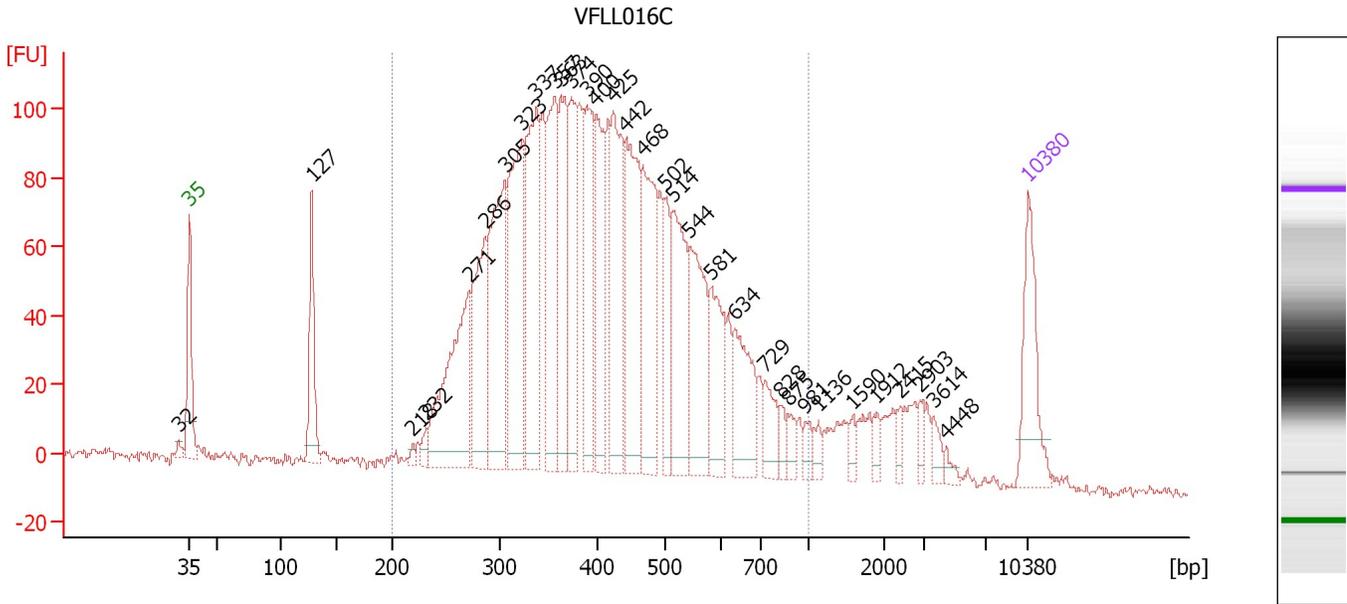
Region table for sample 2 : VFLLO16B

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	427	245,136.5	59,629.67	3,540.2	78	36.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : VFLLO16C

Number of peaks found: 33 Corr. Area 1: 2,991.7
 Noise: 1.8

Peak table for sample 3 : VFLLO16C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	32	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	127	115.69	1,375.6	
4	218	6.61	45.9	
5	232	13.52	88.4	
6	271	223.62	1,250.0	
7	286	158.75	841.8	
8	305	232.41	1,155.0	
9	323	233.33	1,094.2	
10	337	219.60	987.7	
11	357	172.95	734.6	
12	363	149.88	625.9	
13	374	138.48	561.3	
14	390	130.61	507.7	
15	400	123.15	466.8	
16	425	172.01	613.9	
17	442	187.89	643.5	
18	468	169.57	548.9	
19	502	63.65	192.2	
20	514	145.17	428.0	
21	544	131.77	367.2	
22	581	89.77	234.1	
23	634	93.11	222.5	
24	729	40.25	83.7	
25	828	13.85	25.3	
26	875	15.78	27.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...

... Peak table for sample 3 : VFLLO16C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	981	13.03	20.1	
28	1,136	11.38	15.2	
29	1,590	12.02	11.5	
30	1,912	10.91	8.6	
31	2,415	10.40	6.5	
32	2,903	11.05	5.8	
33	3,614	13.43	5.6	
34	4,448	7.03	2.4	
35	10,380	75.00	10.9	Upper Marker

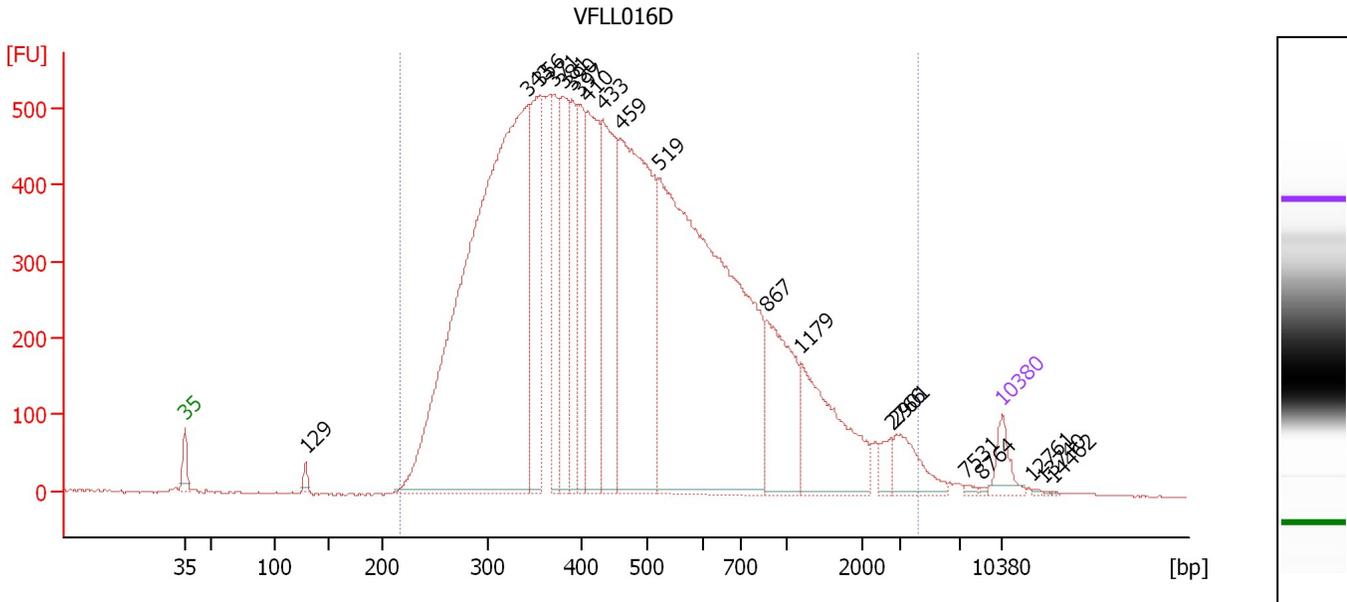
Region table for sample 3 : VFLLO16C

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	429	13,709.4	3,444.49	2,991.7	87	31.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : VFLLO16D

Number of peaks found: 20 Corr. Area 1: 17,097.9
 Noise: 1.2

Peak table for sample 4 : VFLLO16D

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	129	33.51	394.1	
3	343	3,894.80	17,185.5	
4	356	659.03	2,806.2	
5	371	362.40	1,479.6	
6	381	596.51	2,373.9	
7	390	341.98	1,329.3	
8	397	383.30	1,462.3	
9	410	688.17	2,546.0	
10	433	768.12	2,689.8	
11	459	1,560.61	5,151.4	
12	519	2,915.35	8,515.0	
13	867	477.85	835.6	
14	1,179	482.46	620.2	
15	2,766	48.76	26.7	
16	2,901	132.74	69.3	
17	7,531	8.30	1.7	
18	8,764	3.82	0.7	
19	10,380	75.00	10.9	Upper Marker
20	12,761	0.00	0.0	
21	13,740	0.00	0.0	
22	14,462	0.00	0.0	

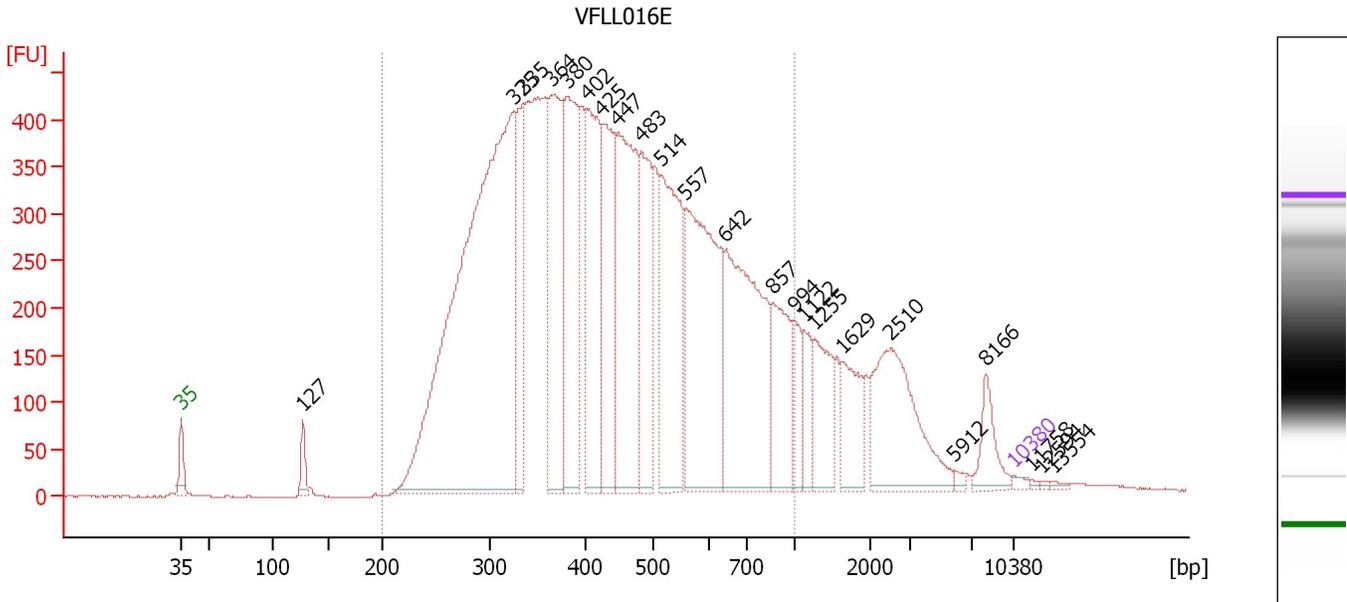
Region table for sample 4 : VFLLO16D

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
217	4,158	581	51,317.5	13,971.71	17,097.9	99	81.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : VFLLO16E

Number of peaks found: 23 Corr. Area 1: 13,465.4
 Noise: 0.6

Peak table for sample 5 : VFLLO16E

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	127	543.95	6,473.9	
3	325	20,971.05	97,883.5	
4	335	2,629.04	11,904.3	
5	364	4,698.43	19,553.4	
6	380	5,115.73	20,387.5	
7	402	4,111.39	15,502.1	
8	425	3,628.50	12,948.8	
9	447	5,902.27	20,027.8	
10	483	3,048.11	9,570.2	
11	514	4,883.72	14,400.1	
12	557	6,420.83	17,466.1	
13	642	5,857.18	13,818.6	
14	857	2,055.78	3,636.0	
15	994	833.67	1,270.6	
16	1,122	804.06	1,086.2	
17	1,255	1,455.11	1,756.1	
18	1,629	1,236.38	1,149.9	
19	2,510	2,905.82	1,753.8	
20	5,912	79.84	20.5	
21	8,166	698.42	129.6	
22	10,380	75.00	10.9	Upper Marker
23	11,758	0.00	0.0	
24	12,594	0.00	0.0	
25	13,554	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
Modified: 1/31/2013 10:54:16 AM

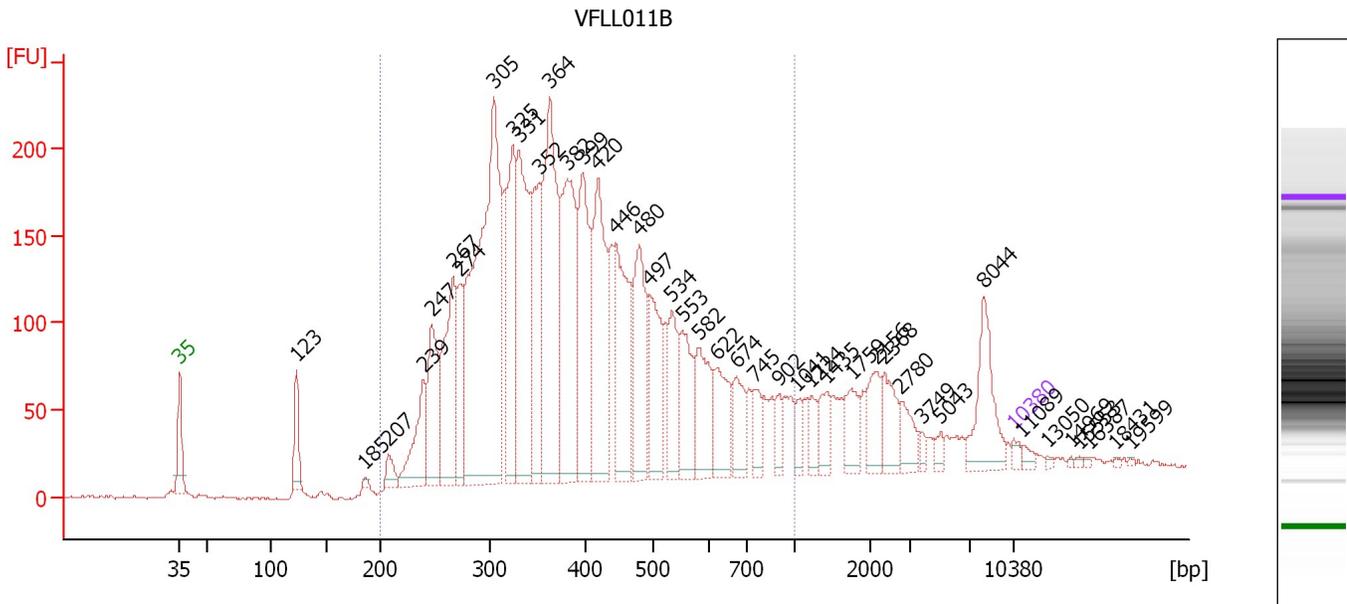
Electropherogram Summary Continued ...**... Region table for sample 5 : VFLL016E**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Co lor
200	1,000	456	319,611.3	82,485.84	13,465.4	87	35.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : VFLLO11B

Number of peaks found: 42 Corr. Area 1: 5,131.5
 Noise: 0.9

Peak table for sample 6 : VFLLO11B

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	123	665.23	8,205.4	
3	185	63.14	516.4	
4	207	270.73	1,984.5	
5	239	1,135.42	7,192.0	
6	247	1,491.53	9,146.4	
7	267	2,207.24	12,535.8	
8	274	1,043.74	5,778.5	
9	305	7,278.79	36,123.4	
10	325	2,141.02	9,972.8	
11	331	3,011.08	13,767.2	
12	352	1,859.16	7,991.7	
13	364	3,679.69	15,334.5	
14	382	3,058.70	12,117.7	
15	399	2,168.50	8,244.0	
16	420	2,451.90	8,848.0	
17	446	2,001.80	6,805.1	
18	480	1,693.84	5,345.1	
19	497	1,320.13	4,027.9	
20	534	861.67	2,443.4	
21	553	959.32	2,628.2	
22	582	986.31	2,567.3	
23	622	845.21	2,058.2	
24	674	577.72	1,298.8	
25	745	374.36	761.6	
26	902	235.55	395.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...

... Peak table for sample 6 : VFLLO11B

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,041	194.27	282.9	
28	1,224	291.44	360.9	
29	1,435	337.29	356.2	
30	1,759	417.39	359.6	
31	2,156	469.78	330.2	
32	2,368	493.30	315.6	
33	2,780	329.52	179.6	
34	3,749	79.08	32.0	
35	5,043	106.20	31.9	
36	8,044	899.60	169.4	
37	10,380	75.00	10.9	Upper Marker
38	11,089	0.00	0.0	
39	13,050	0.00	0.0	
40	14,969	0.00	0.0	
41	15,553	0.00	0.0	
42	16,387	0.00	0.0	
43	18,431	0.00	0.0	
44	19,599	0.00	0.0	

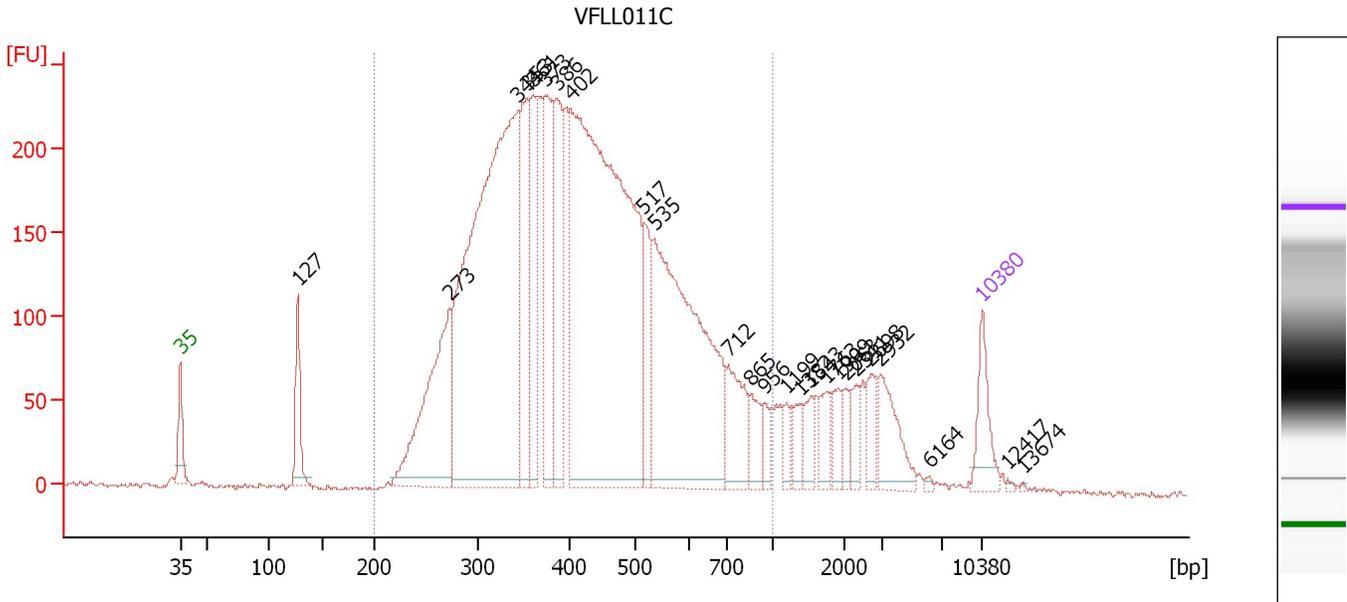
Region table for sample 6 : VFLLO11B

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	417	187,642.6	45,071.24	5,131.5	85	34.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
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Electropherogram Summary Continued ...



Overall Results for sample 7 : VFLLO11C

Number of peaks found: 25 Corr. Area 1: 6,225.1
 Noise: 1.3

Peak table for sample 7 : VFLLO11C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	127	140.76	1,673.2	
3	273	467.91	2,596.0	
4	344	1,589.47	6,999.4	
5	353	285.58	1,224.7	
6	361	221.81	931.5	
7	373	337.12	1,367.6	
8	386	250.63	984.8	
9	402	1,692.00	6,382.9	
10	517	146.51	429.7	
11	535	833.87	2,361.1	
12	712	139.19	296.1	
13	865	57.88	101.3	
14	956	34.02	53.9	
15	1,199	26.43	33.4	
16	1,382	35.42	38.8	
17	1,543	42.15	41.4	
18	1,763	47.79	41.1	
19	1,909	39.99	31.7	
20	2,063	31.09	22.8	
21	2,311	35.82	23.5	
22	2,698	43.40	24.4	
23	2,932	100.88	52.1	
24	6,164	4.92	1.2	
25	10,380	75.00	10.9	Upper Marker
26	12,417	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
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Electropherogram Summary Continued ...**... Peak table for sample 7 : VFLLO11C**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	13,674	0.00	0.0	

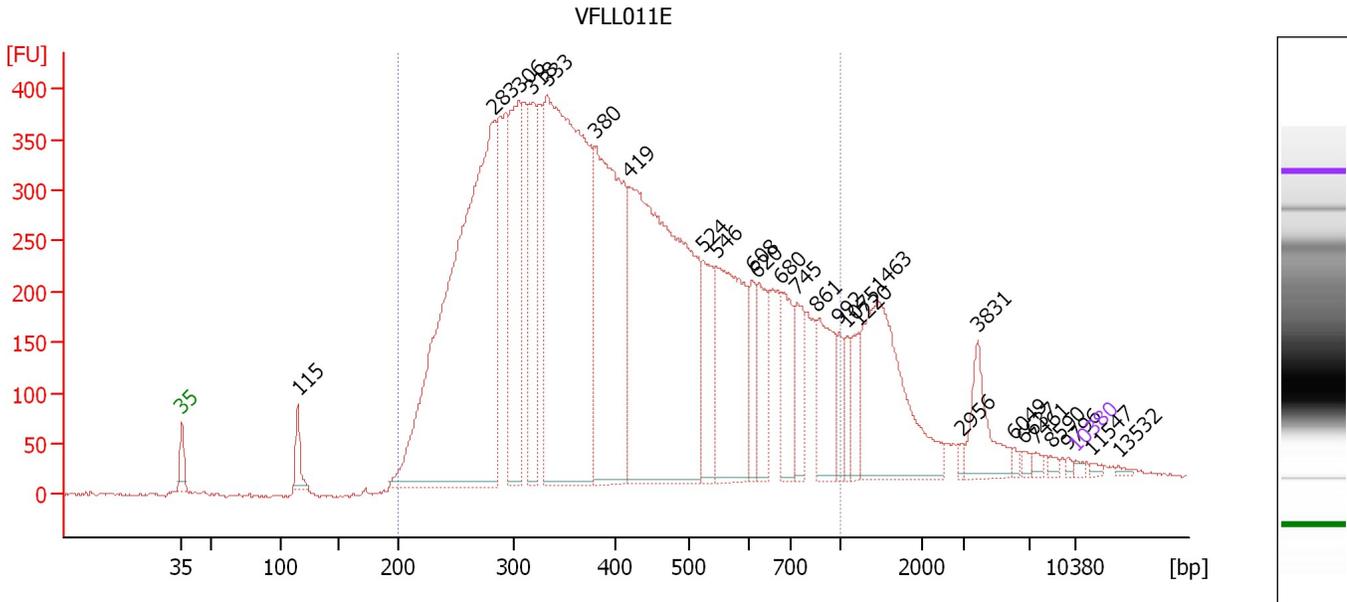
Region table for sample 7 : VFLLO11C

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	436	25,030.0	6,377.62	6,225.1	88	32.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : VFLLO11E

Number of peaks found: 27 Corr. Area 1: 12,625.6
 Noise: 1.9

Peak table for sample 8 : VFLLO11E

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	115	992.28	13,092.3	
3	283	26,020.54	139,163.3	
4	306	6,581.38	32,639.1	
5	318	3,948.55	18,786.1	
6	333	21,494.69	97,812.9	
7	380	11,249.02	44,904.5	
8	419	18,858.92	68,135.6	
9	524	2,771.81	8,013.0	
10	546	5,728.61	15,898.1	
11	608	1,250.11	3,115.2	
12	620	1,794.48	4,387.0	
13	680	1,857.16	4,139.3	
14	745	1,506.71	3,062.9	
15	861	2,181.97	3,840.2	
16	992	670.00	1,023.3	
17	1,075	647.76	912.8	
18	1,220	837.08	1,039.8	
19	1,463	5,313.35	5,503.6	
20	2,956	128.04	65.6	
21	3,831	1,449.92	573.4	
22	6,049	111.40	27.9	
23	6,637	133.30	30.4	
24	7,461	122.15	24.8	
25	8,590	108.97	19.2	
26	9,796	65.72	10.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : VFLL011E

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	11,547	0.00	0.0	
29	13,532	0.00	0.0	

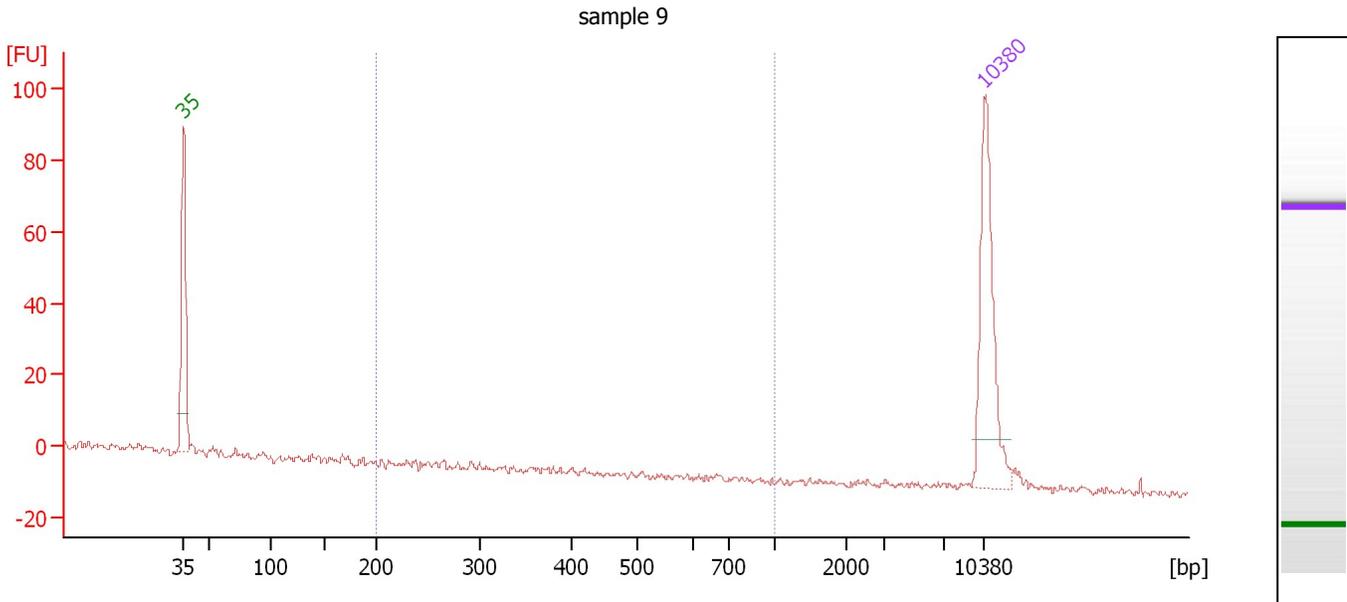
Region table for sample 8 : VFLL011E

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	428	506,294.2	119,926.24	12,625.6	89	38.7	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 0 Corr. Area 1: 2.1
 Noise: 1.1

Peak table for sample 9 : sample 9

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

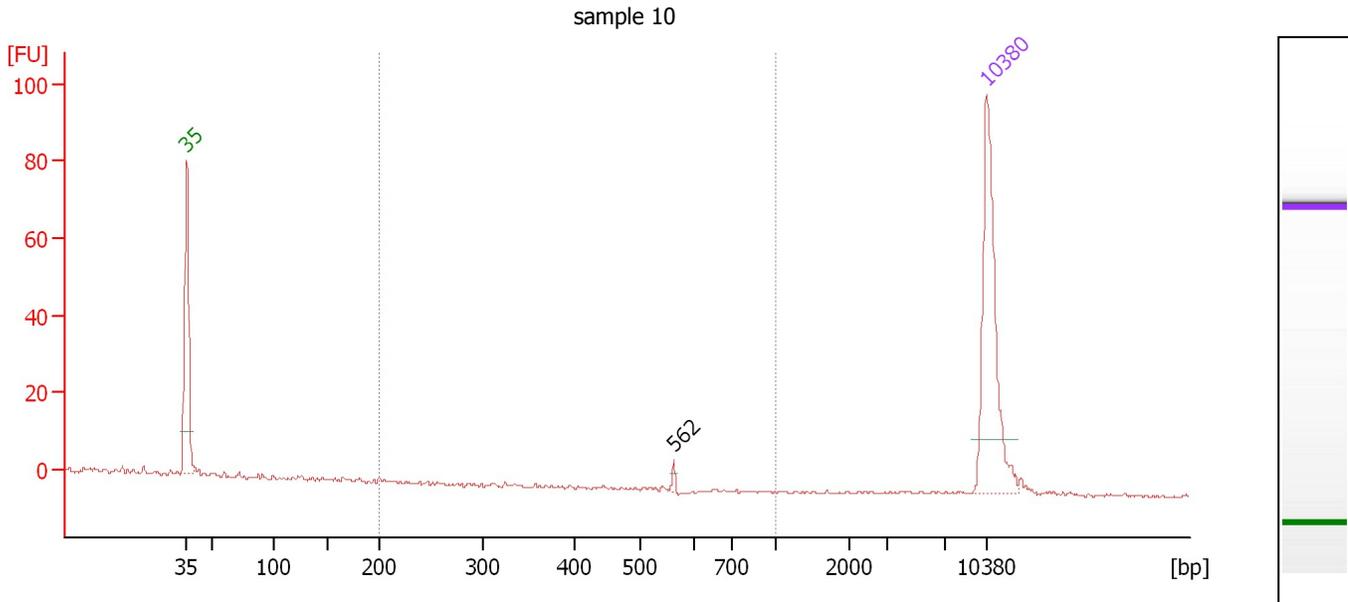
Region table for sample 9 : sample 9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	342	10.3	1.96	2.1	5	44.1	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

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 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 1 Corr. Area 1: 1.9
 Noise: 0.4

Peak table for sample 10 : sample 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	562	2.68	7.2	
3	10,380	75.00	10.9	Upper Marker

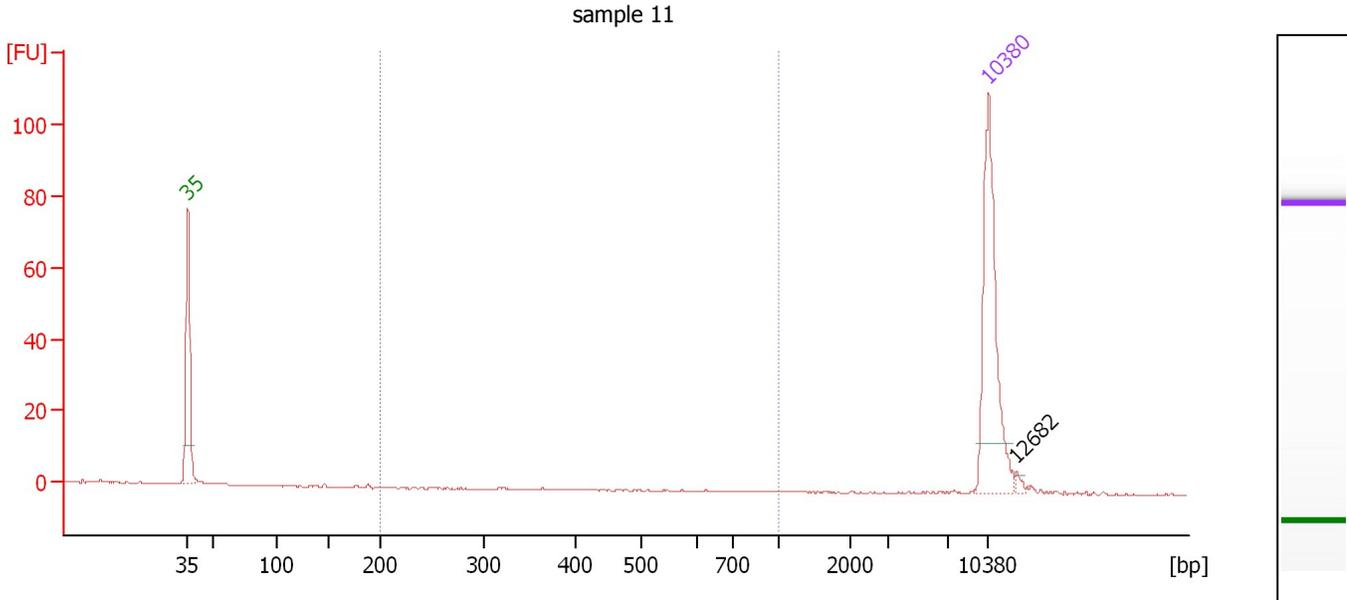
Region table for sample 10 : sample 10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	550	4.6	1.60	1.9	7	11.4	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

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 Modified: 1/31/2013 10:54:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 1 Corr. Area 1: 0.0
 Noise: 0.1

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker
3	12,682	0.00	0.0	

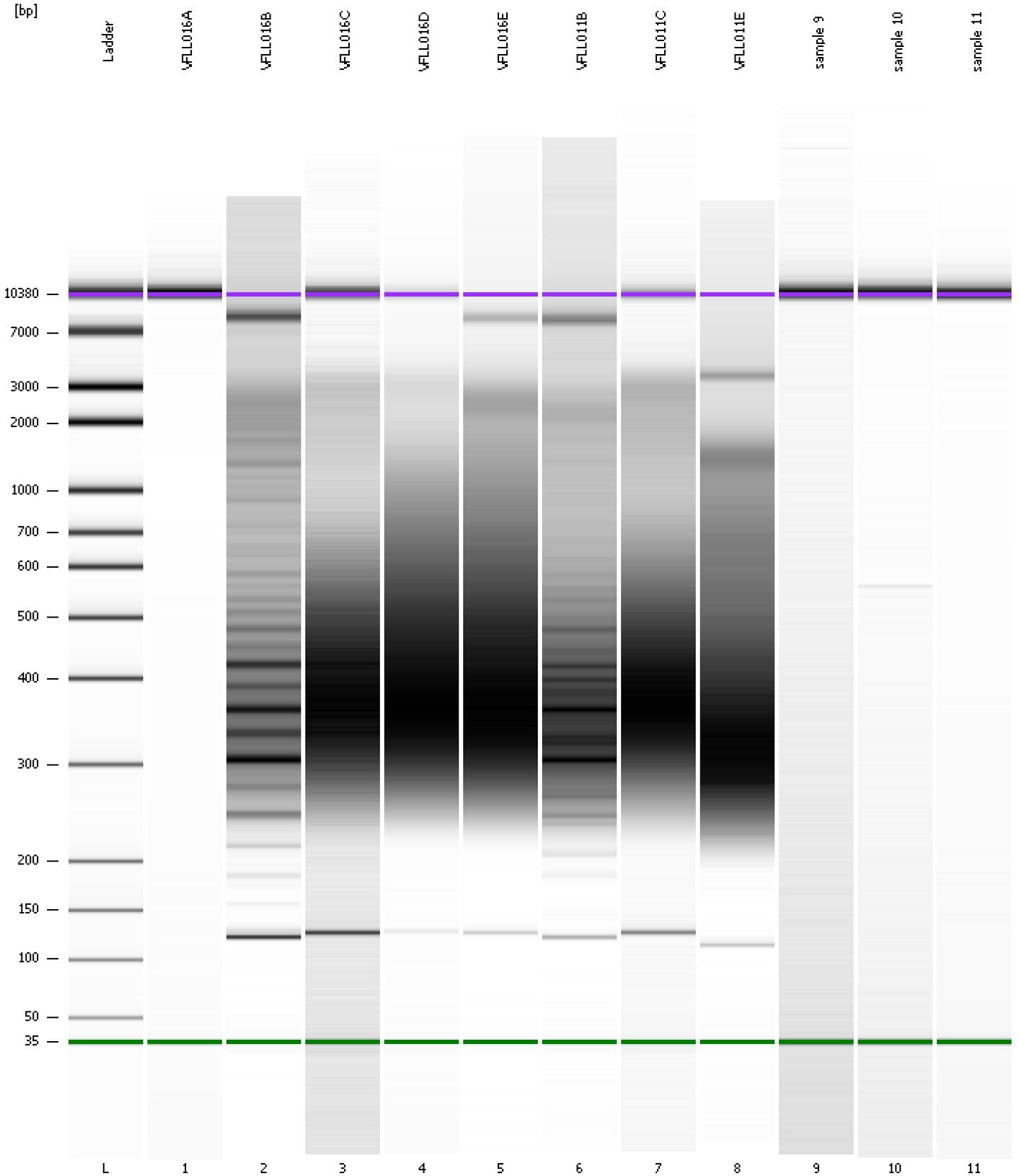
Region table for sample 11 : sample 11

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	0	0.0	0.00	0.0	0	0.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
Modified: 1/31/2013 10:54:16 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad

Created: 1/31/2013 10:12:53 AM
 Modified: 1/31/2013 10:54:16 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		1/31/2013 10:54:11 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-01-31\2013-01-31_001.xad)		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/31/2013 10:12:58 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1