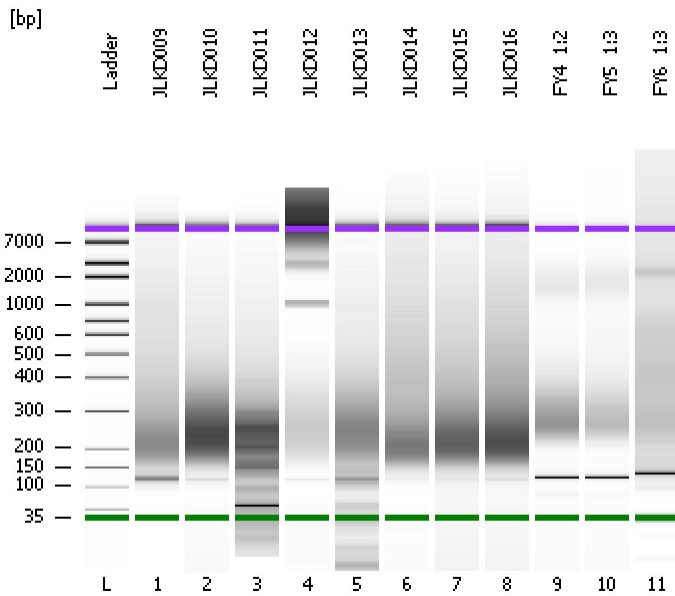


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
Modified: 3/31/2014 11:08:28 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

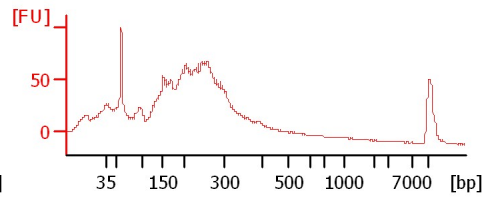
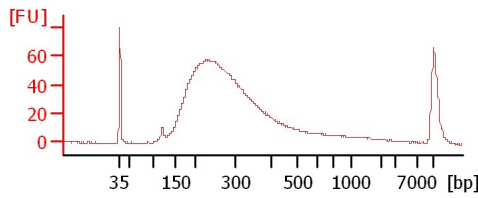
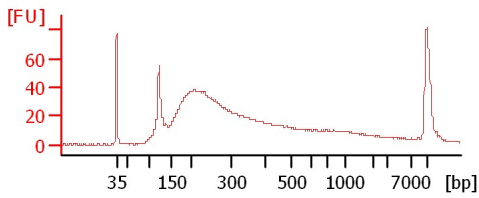
Chip Information:

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

JLKD009

JLKD010

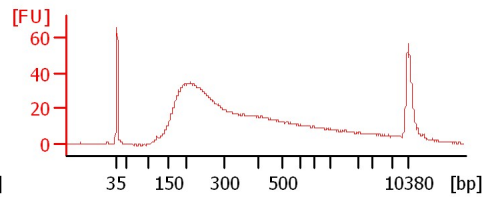
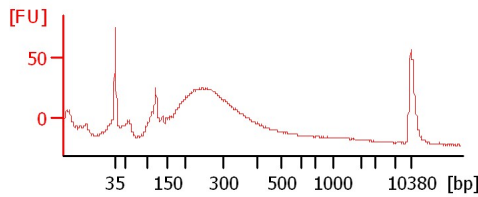
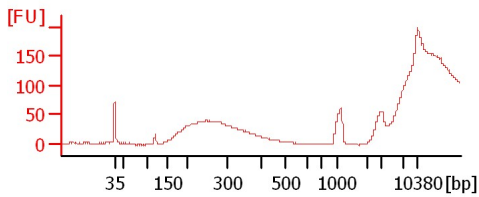
JLKD011



JLKD012

JLKD013

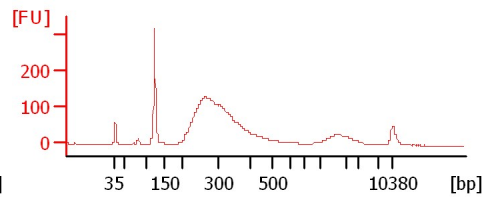
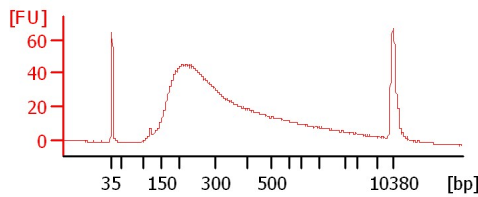
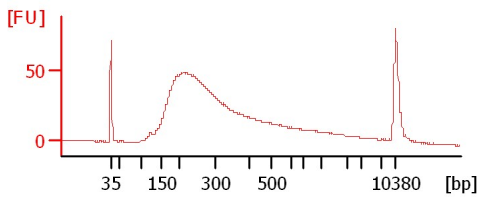
JLKD014



JLKD015

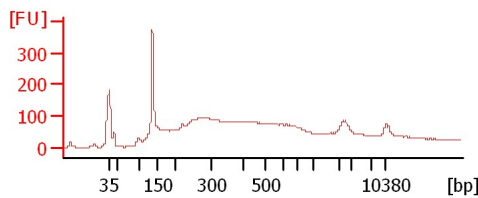
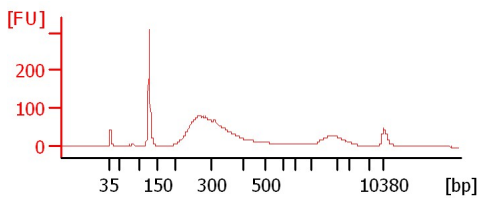
JLKD016

FY4\_1:2



FY5\_1:3

FY6\_1:3



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
Modified: 3/31/2014 11:08:28 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
JLKD009		<input type="checkbox"/>	✓			
JLKD010		<input type="checkbox"/>	✓			
JLKD011		<input type="checkbox"/>	✓			
JLKD012		<input type="checkbox"/>	✓			
JLKD013		<input type="checkbox"/>	✓			
JLKD014		<input type="checkbox"/>	✓			
JLKD015		<input type="checkbox"/>	✓			
JLKD016		<input type="checkbox"/>	✓			
FY4_1:2		<input type="checkbox"/>	✓			
FY5_1:3		<input type="checkbox"/>	✓			
FY6_1:3		<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\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
Modified: 3/31/2014 11:08:28 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/ $\mu$ l] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/ $\mu$ l] : 125  
Upper Marker Concentration [pg/ $\mu$ l] : 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

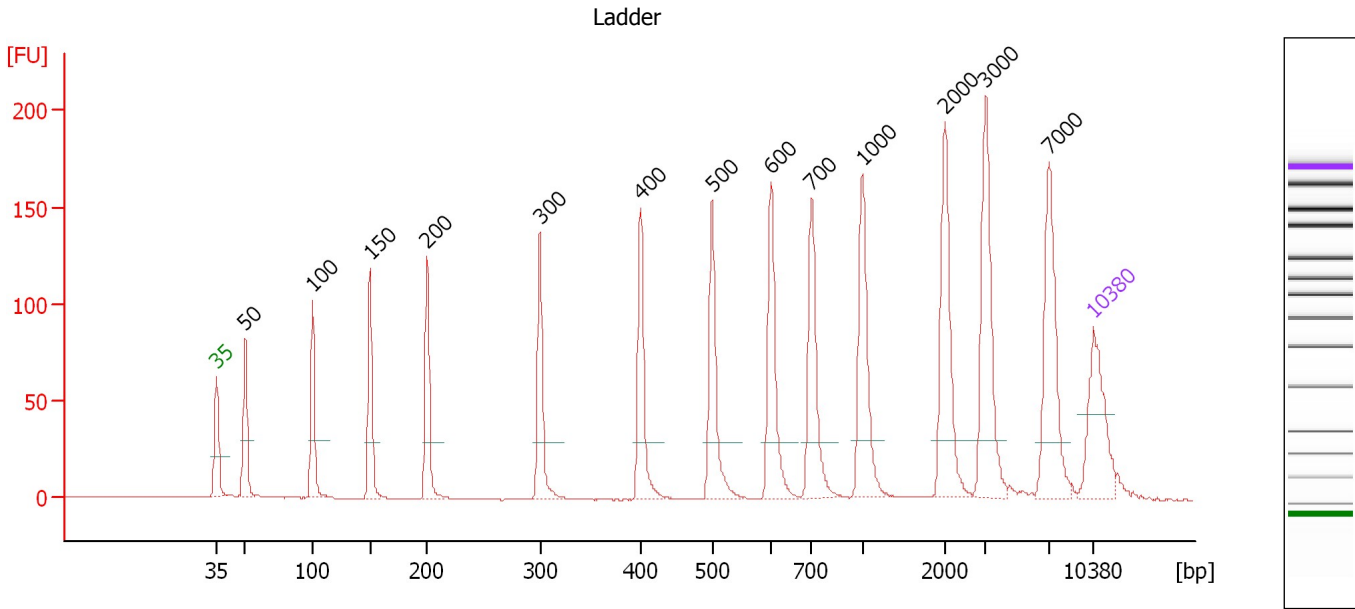
**Ladder**

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\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

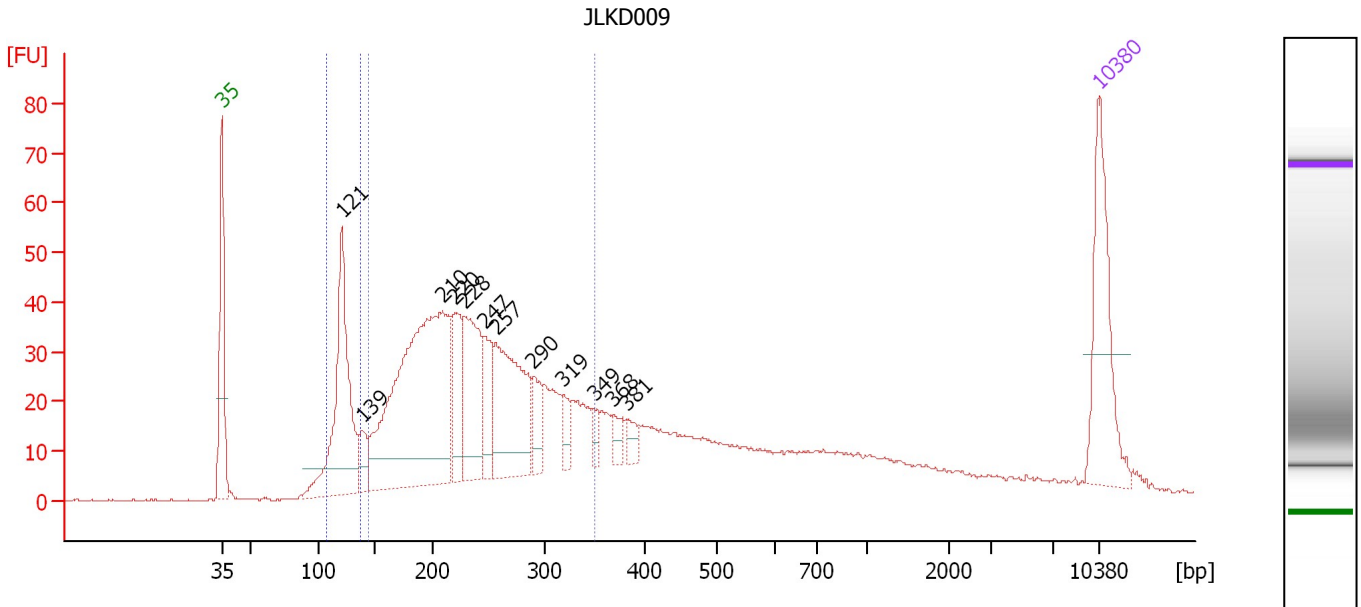
**Peak table for Ladder**

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	45.26	50	150.00	4,545.5	Ladder Peak
3	50.66	100	150.00	2,272.7	Ladder Peak
4	55.22	150	150.00	1,515.2	Ladder Peak
5	59.78	200	150.00	1,136.4	Ladder Peak
6	68.80	300	150.00	757.6	Ladder Peak
7	76.85	400	150.00	568.2	Ladder Peak
8	82.56	500	150.00	454.5	Ladder Peak
9	87.24	600	150.00	378.8	Ladder Peak
10	90.48	700	150.00	324.7	Ladder Peak
11	94.56	1,000	150.00	227.3	Ladder Peak
12	101.16	2,000	150.00	113.6	Ladder Peak
13	104.40	3,000	150.00	75.8	Ladder Peak
14	109.42	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\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : JLKD009**

Number of peaks found: 12                      Corr. Area 1: 812.3  
 Noise: 0.2    Corr. Area 2: 127.3

**Peak table for sample 1 : JLKD009**

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	52.62	121	196.39	2,449.2	
3	54.24	139	25.75	280.1	
4	60.67	210	383.89	2,771.0	
5	61.61	220	60.19	414.0	
6	62.33	228	110.46	733.1	
7	63.99	247	46.78	287.3	
8	64.89	257	139.78	825.4	
9	67.91	290	28.09	146.7	
10	70.29	319	17.19	81.8	
11	72.72	349	10.31	44.8	
12	74.30	368	13.72	56.5	
13	75.32	381	12.15	48.3	
14	113.00	10,380	75.00	10.9	Upper Marker

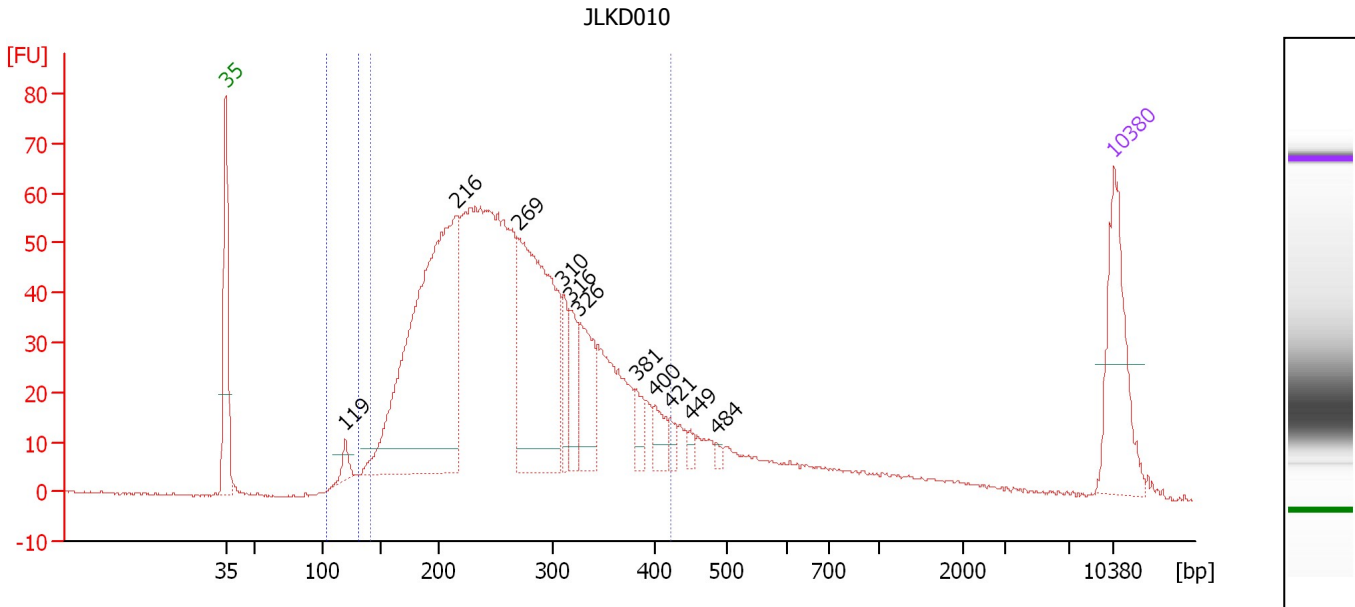
**Region table for sample 1 : JLKD009**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
107	137	122	2,365.9	191.00	127.3	9	5.5
144	349	240	6,995.7	1,039.79	812.3	60	21.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : JLKD010**

Number of peaks found: 11      Corr. Area 1: 1,435.0  
 Noise: 0.3      Corr. Area 2: 20.9

**Peak table for sample 2 : JLKD010**

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	52.42	119	15.24	193.6	
3	61.25	216	502.42	3,519.6	
4	66.04	269	288.76	1,624.1	
5	69.57	310	34.24	167.6	
6	70.12	316	40.37	193.4	
7	70.87	326	69.18	321.8	
8	75.33	381	20.61	81.9	
9	76.84	400	20.72	78.5	
10	78.02	421	9.41	33.9	
11	79.62	449	6.57	22.2	
12	81.64	484	4.15	13.0	
13	113.00	10,380	75.00	10.9	Upper Marker

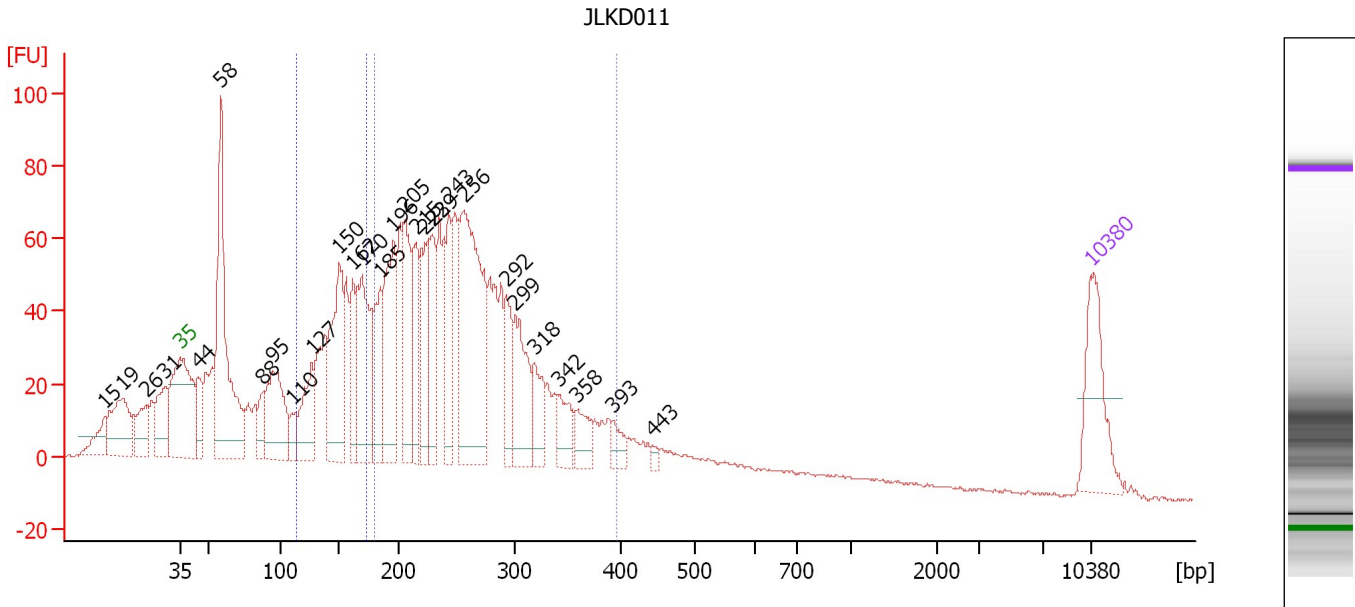
**Region table for sample 2 : JLKD010**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
102	130	119	410.8	32.38	20.9	1	4.7
141	422	265	11,462.8	1,838.70	1,435.0	85	24.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : JLKD011**

Number of peaks found: 28                      Corr. Area 1: 1,438.3  
 Noise: 0.4    Corr. Area 2: 427.0

**Peak table for sample 3 : JLKD011**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	37.22	15	0.00	0.0	
2	38.53	19	0.00	0.0	
3	40.33	26	0.00	0.0	
4	41.85	31	0.00	0.0	
5	43.00	35	125.00	5,411.3	Lower Marker
6	44.39	44	53.74	1,839.4	
7	46.12	58	351.55	9,191.5	
8	49.40	88	37.38	641.5	
9	50.18	95	148.61	2,358.1	
10	51.61	110	27.56	378.3	
11	53.13	127	93.12	1,110.6	
12	55.26	150	191.09	1,924.4	
13	56.29	162	81.13	760.2	
14	57.02	170	170.26	1,519.2	
15	58.42	185	91.30	747.3	
16	59.40	196	169.93	1,314.2	
17	60.26	205	134.16	989.6	
18	61.13	215	84.29	594.1	
19	61.86	223	88.66	602.0	
20	62.44	229	97.52	643.8	
21	63.63	243	86.76	541.7	
22	64.82	256	317.96	1,883.1	
23	68.06	292	62.54	324.8	
24	68.75	299	108.00	546.5	
25	70.27	318	52.60	250.4	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**

**... Peak table for sample 3 : JLKD011**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	72.16	342	42.06	186.5	
27	73.51	358	34.82	147.1	
28	76.26	393	21.70	83.8	
29	79.29	443	6.10	20.9	
30	113.00	10,380	75.00	10.9	Upper Marker

**Region table for sample 3 : JLKD011**

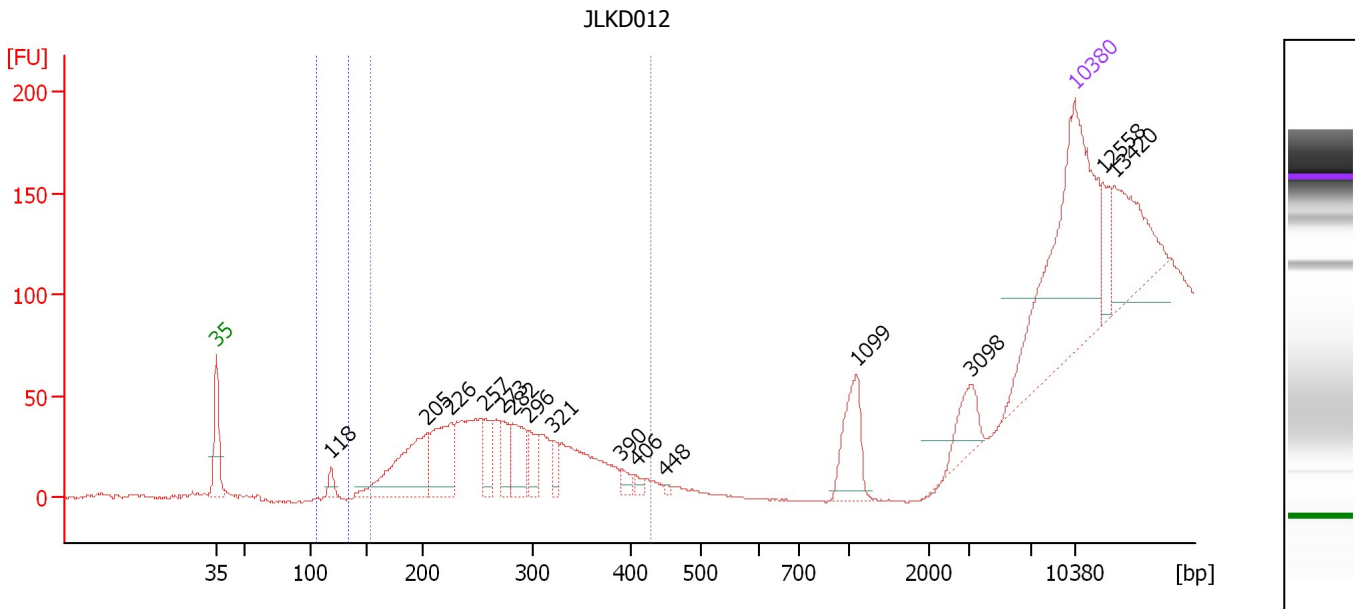
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
115	173	149	6,920.7	671.36	427.0	15	10.3
180	397	260	11,881.5	1,945.43	1,438.3	51	20.1



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : JLKD012**

Number of peaks found: 15      Corr. Area 1: 3.7  
 Noise: 0.5      Corr. Area 2: 0.0

**Peak table for sample 4 : JLKD012**

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	52.35	118	4.90	62.7	
3	60.22	205	48.89	361.5	
4	62.09	226	33.68	226.2	
5	64.91	257	13.21	77.9	
6	66.35	273	12.14	67.4	
7	67.17	282	18.13	97.5	
8	68.48	296	10.97	56.1	
9	70.48	321	6.21	29.3	
10	76.04	390	3.88	15.1	
11	77.22	406	2.74	10.2	
12	79.61	448	0.84	2.9	
13	95.22	1,099	21.05	29.0	
14	104.52	3,098	11.10	5.4	
15	113.00	10,380	75.00	10.9	Upper Marker
16	115.30	12,558	0.00	0.0	
17	116.22	13,420	0.00	0.0	

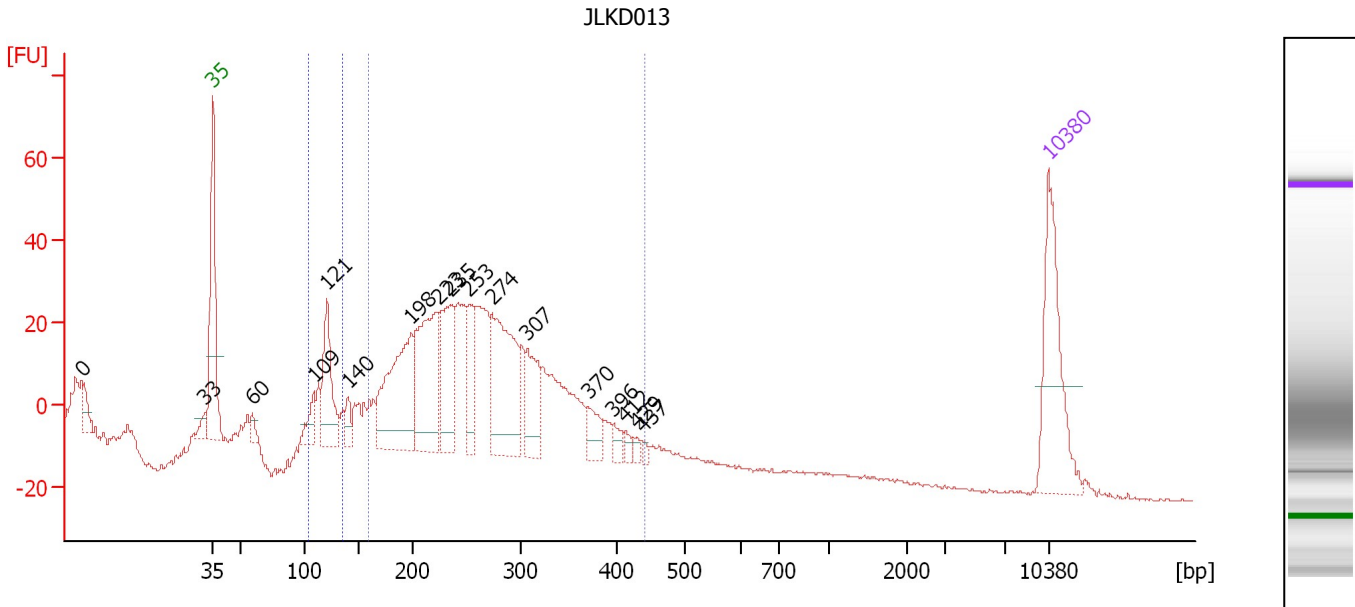
**Region table for sample 4 : JLKD012**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
105	134	0	0.0	0.00	0.0	0	0.0
154	428	237	6.7	1.04	3.7	2	3.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : JLKD013**

Number of peaks found: 17      Corr. Area 1: 605.0  
 Noise: 0.5      Corr. Area 2: 40.8

**Peak table for sample 5 : JLKD013**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	32.06	0	0.00	0.0	
2	42.33	33	0.00	0.0	
3	43.00	35	125.00	5,411.3	Lower Marker
4	46.30	60	9.31	236.3	
5	51.48	109	24.62	342.3	
6	52.55	121	80.56	1,011.0	
7	54.34	140	16.20	174.9	
8	59.61	198	142.99	1,093.4	
9	61.84	223	130.49	887.2	
10	62.96	235	82.68	532.6	
11	64.52	253	39.14	234.8	
12	66.44	274	136.26	754.1	
13	69.34	307	49.31	243.6	
14	74.47	370	21.29	87.1	
15	76.53	396	10.30	39.4	
16	77.55	412	6.46	23.7	
17	78.49	429	4.49	15.9	
18	78.98	437	4.02	13.9	
19	113.00	10,380	75.00	10.9	Upper Marker

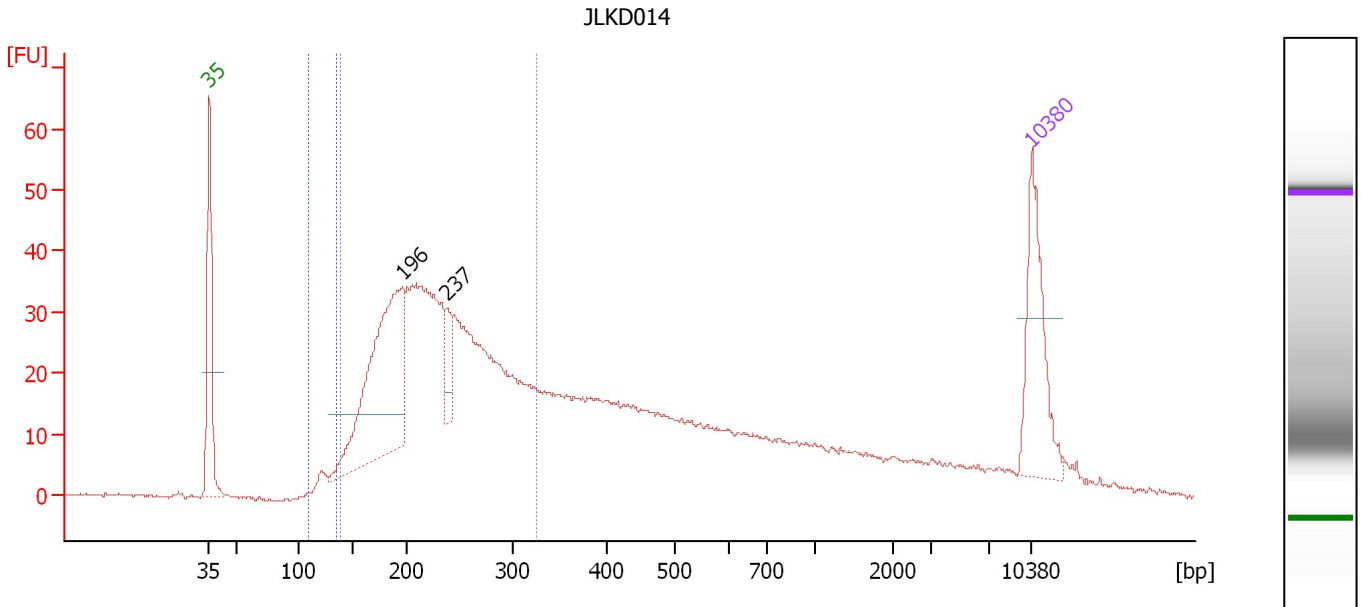
**Region table for sample 5 : JLKD013**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
105	135	119	726.9	57.30	40.8	6	3.9
159	441	266	4,222.2	700.26	605.0	92	20.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : JLKD014**

Number of peaks found: 2                      Corr. Area 1: 685.1  
 Noise: 0.3                                      Corr. Area 2: 11.7

**Peak table for sample 6 : JLKD014**

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	59.43	196	272.13	2,101.1	
3	63.16	237	33.74	215.3	
4	113.00	10,380	75.00	10.9	Upper Marker

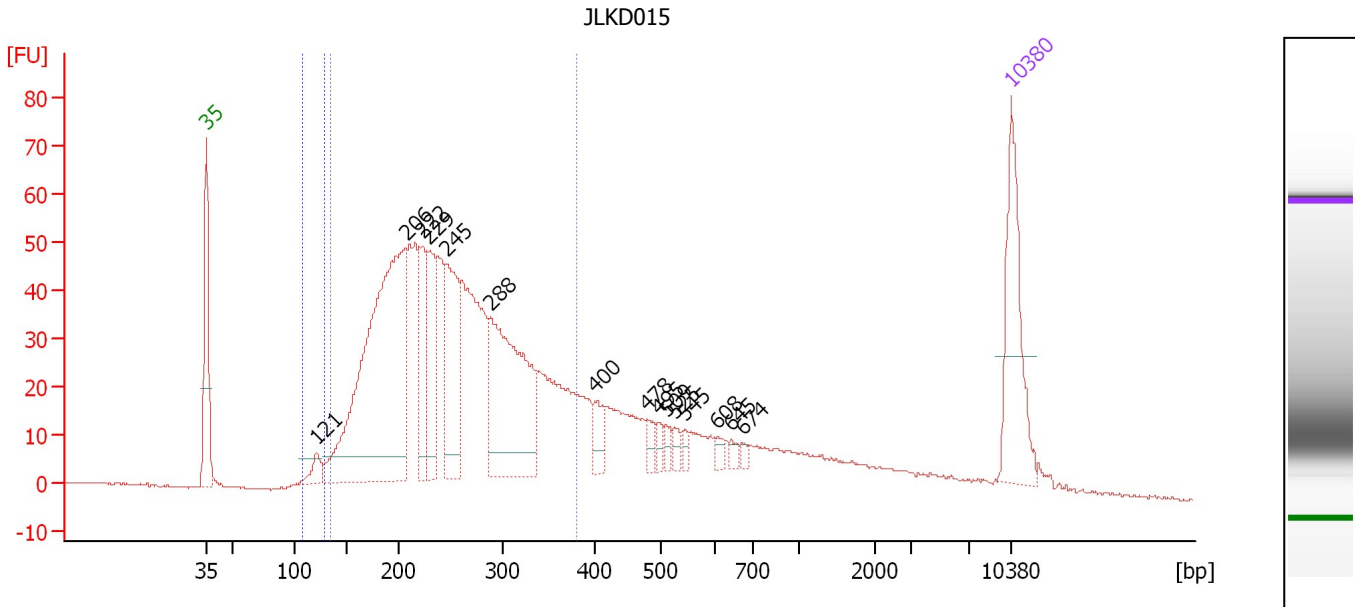
**Region table for sample 6 : JLKD014**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
109	134	124	282.3	23.10	11.7	1	4.8
138	326	231	8,136.0	1,173.03	685.1	57	20.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : JLKD015**

Number of peaks found: 15      Corr. Area 1: 1,146.8  
 Noise: 0.3      Corr. Area 2: 13.5

**Peak table for sample 7 : JLKD015**

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	52.60	121	18.13	226.6	
3	60.35	206	438.98	3,223.3	
4	61.74	222	68.09	465.2	
5	62.39	229	79.37	525.2	
6	63.87	245	110.40	681.6	
7	67.68	288	208.47	1,098.5	
8	76.82	400	20.15	76.4	
9	81.32	478	11.69	37.0	
10	82.29	495	8.58	26.2	
11	82.99	509	7.31	21.8	
12	83.73	525	8.19	23.6	
13	84.66	545	6.15	17.1	
14	87.49	608	6.52	16.3	
15	88.69	645	4.95	11.6	
16	89.62	674	3.46	7.8	
17	113.00	10,380	75.00	10.9	Upper Marker

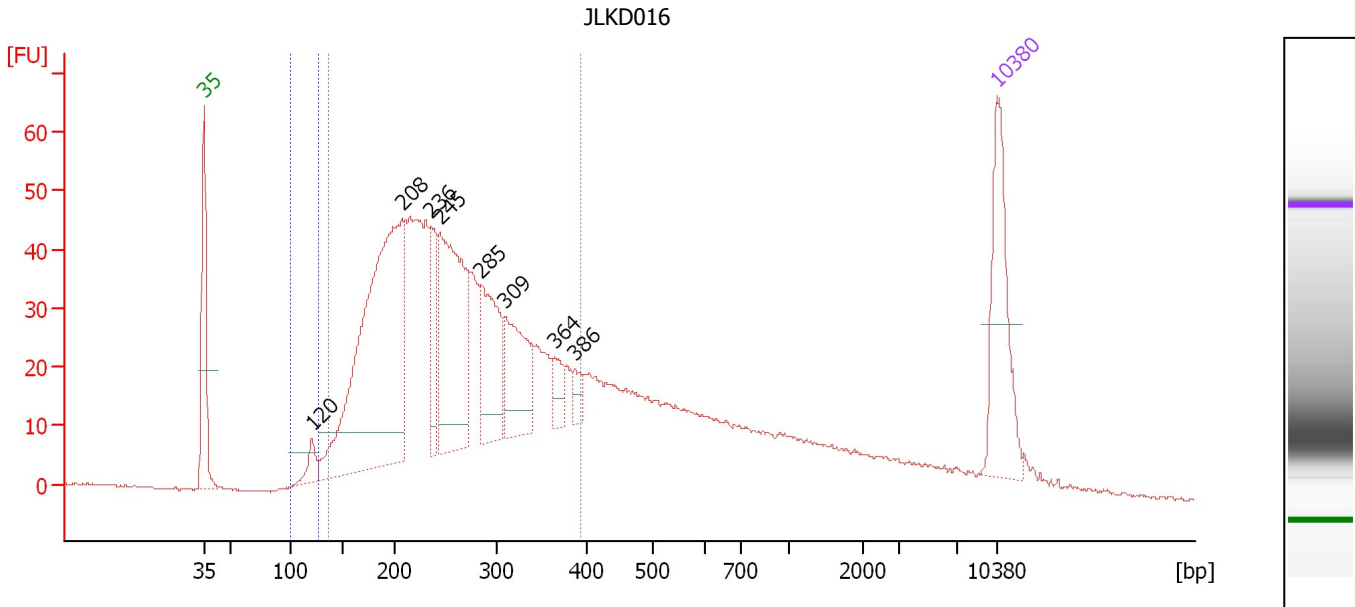
**Region table for sample 7 : JLKD015**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
109	128	120	263.1	20.84	13.5	1	4.0
134	379	250	9,768.7	1,488.87	1,146.8	72	23.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : JLKD016**

Number of peaks found: 8                      Corr. Area 1: 1,106.2  
 Noise: 0.2                                      Corr. Area 2: 14.6

**Peak table for sample 8 : JLKD016**

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	52.51	120	20.62	259.9	
3	60.51	208	432.92	3,151.3	
4	63.01	236	57.20	367.6	
5	63.81	245	207.75	1,286.6	
6	67.43	285	97.82	520.4	
7	69.55	309	84.05	411.7	
8	73.93	364	19.40	80.8	
9	75.72	386	11.59	45.5	
10	113.00	10,380	75.00	10.9	Upper Marker

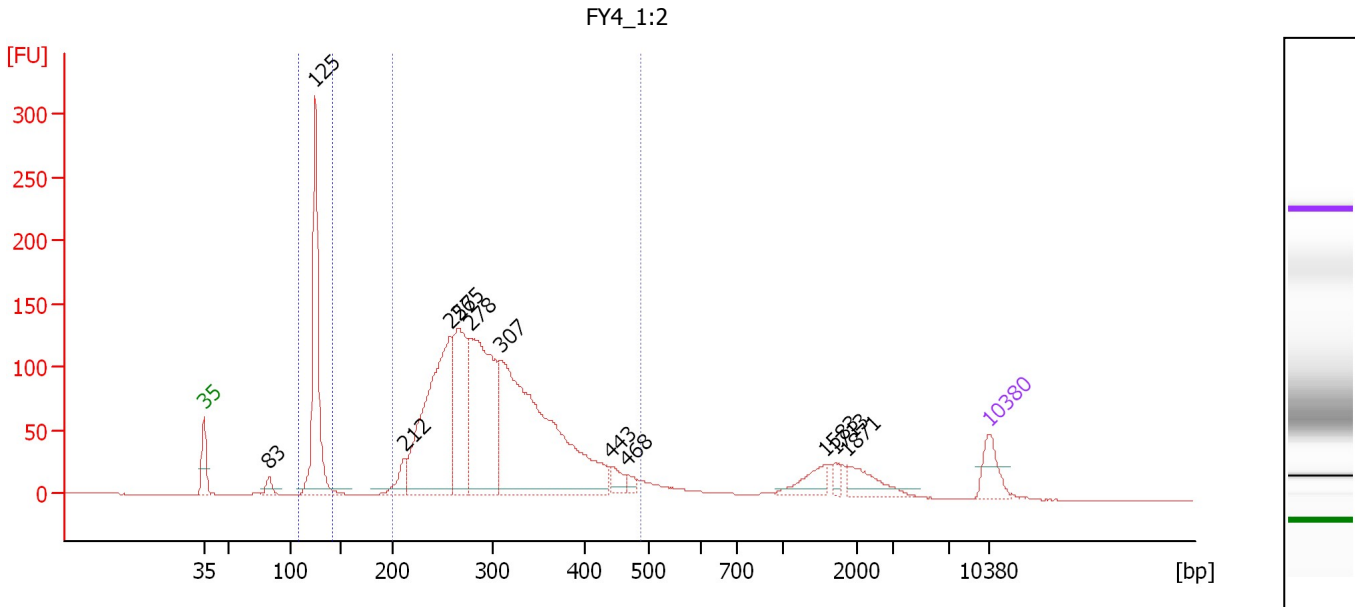
**Region table for sample 8 : JLKD016**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
100	126	118	312.6	24.40	14.6	1	4.5
136	392	256	9,947.4	1,543.11	1,106.2	70	24.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : FY4 1:2**

Number of peaks found: 12      Corr. Area 1: 2,175.2  
 Noise: 0.2      Corr. Area 2: 345.4

**Peak table for sample 9 : FY4 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	48.80	83	44.70	818.5	
3	52.93	125	763.44	9,262.0	
4	60.87	212	87.59	625.7	
5	64.96	257	933.12	5,493.2	
6	65.67	265	492.08	2,810.6	
7	66.81	278	761.44	4,151.4	
8	69.37	307	1,380.11	6,809.0	
9	79.31	443	47.07	161.0	
10	80.73	468	23.19	75.1	
11	98.41	1,583	70.78	67.7	
12	99.27	1,713	21.06	18.6	
13	100.31	1,871	86.59	70.1	
14	113.00	10,380	75.00	10.9	Upper Marker

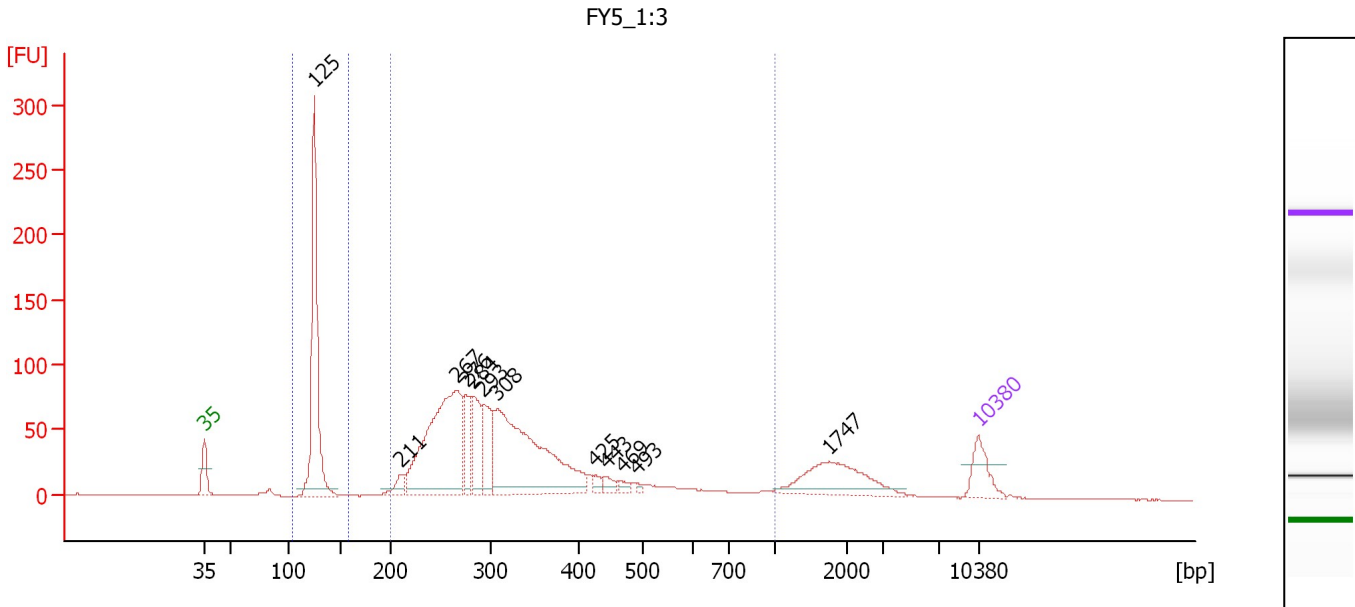
**Region table for sample 9 : FY4 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
109	141	125	8,971.6	741.72	345.4	12	3.1
200	489	305	19,261.1	3,708.85	2,175.2	76	19.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : FY5 1:3**

Number of peaks found: 12                      Corr. Area 1: 1,415.9  
 Noise: 0.2    Corr. Area 2: 336.6

**Peak table for sample 10 : FY5 1:3**

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	52.94	125	745.21	9,036.2	
3	60.75	211	52.04	374.0	
4	65.82	267	790.20	4,485.2	
5	66.64	276	137.98	757.4	
6	67.31	284	176.20	941.6	
7	68.18	293	150.35	777.2	
8	69.44	308	791.91	3,897.2	
9	78.27	425	19.96	71.2	
10	79.33	443	28.41	97.1	
11	80.77	469	17.29	55.9	
12	82.17	493	8.14	25.0	
13	99.49	1,747	199.63	173.2	
14	113.00	10,380	75.00	10.9	Upper Marker

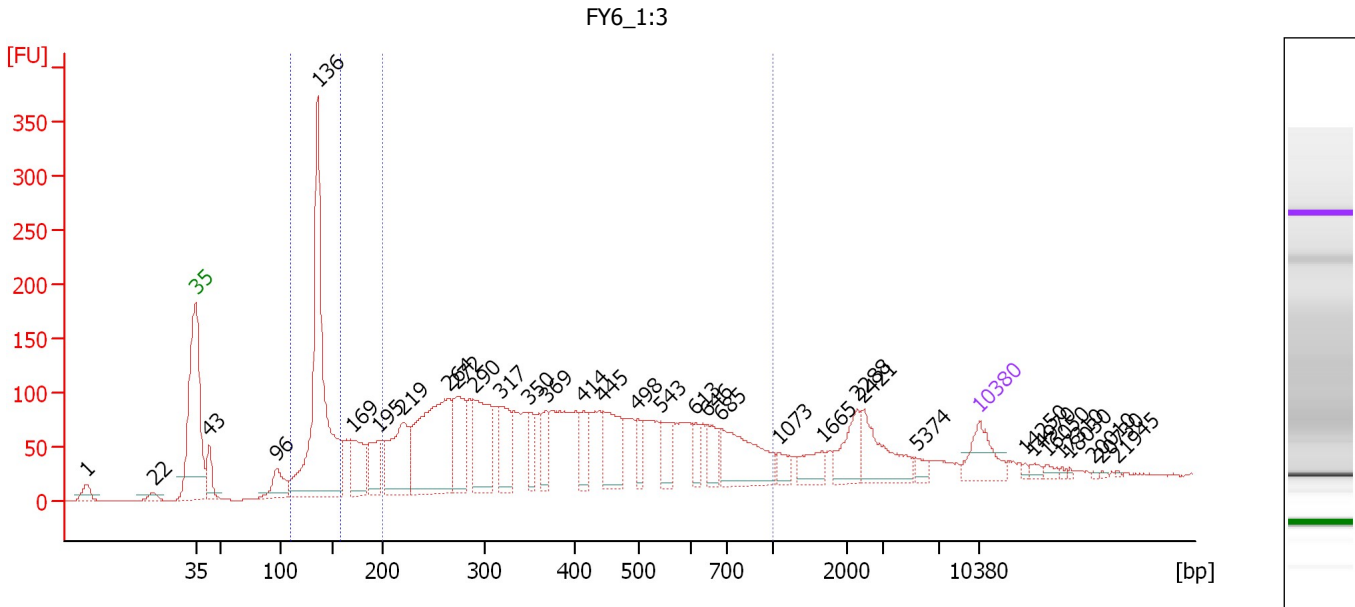
**Region table for sample 10 : FY5 1:3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
104	159	126	8,965.0	744.53	336.6	17	3.6
200	1,000	335	12,320.4	2,456.58	1,415.9	71	34.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : FY6 1:3**

Number of peaks found: 34                      Corr. Area 1: 3,059.4  
 Noise: 0.2                                      Corr. Area 2: 706.2

**Peak table for sample 11 : FY6 1:3**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	33.29	1	0.00	0.0	
2	39.24	22	0.00	0.0	
3	43.00	35	125.00	5,411.3	Lower Marker
4	44.24	43	85.56	2,998.7	
5	50.24	96	91.07	1,436.4	
6	53.90	136	984.72	11,005.9	
7	56.95	169	155.31	1,392.4	
8	59.33	195	112.55	873.9	
9	61.52	219	243.94	1,684.9	
10	65.52	264	474.44	2,726.3	
11	66.29	272	185.01	1,030.2	
12	67.86	290	228.73	1,197.0	
13	70.19	317	130.08	621.3	
14	72.81	350	61.13	264.8	
15	74.33	369	59.02	242.5	
16	77.67	414	74.74	273.3	
17	79.43	445	143.60	488.7	
18	82.43	498	47.99	146.1	
19	84.57	543	76.42	213.2	
20	87.67	613	35.57	87.9	
21	88.71	646	64.88	152.3	
22	90.00	685	200.26	442.8	
23	95.05	1,073	29.39	41.5	
24	98.95	1,665	52.48	47.8	
25	102.10	2,288	81.14	53.7	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

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**Electropherogram Summary Continued ...**

**... Peak table for sample 11 : FY6 1:3**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	102.52	2,421	114.08	71.4	
27	107.38	5,374	15.62	4.4	
28	113.00	10,380	75.00	10.9	Upper Marker
29	117.10	14,250	0.00	0.0	
30	117.86	14,970	0.00	0.0	
31	119.00	16,050	0.00	0.0	
32	120.33	17,310	0.00	0.0	
33	121.10	18,030	0.00	0.0	
34	123.19	20,010	0.00	0.0	
35	123.95	20,730	0.00	0.0	
36	125.24	21,945	0.00	0.0	

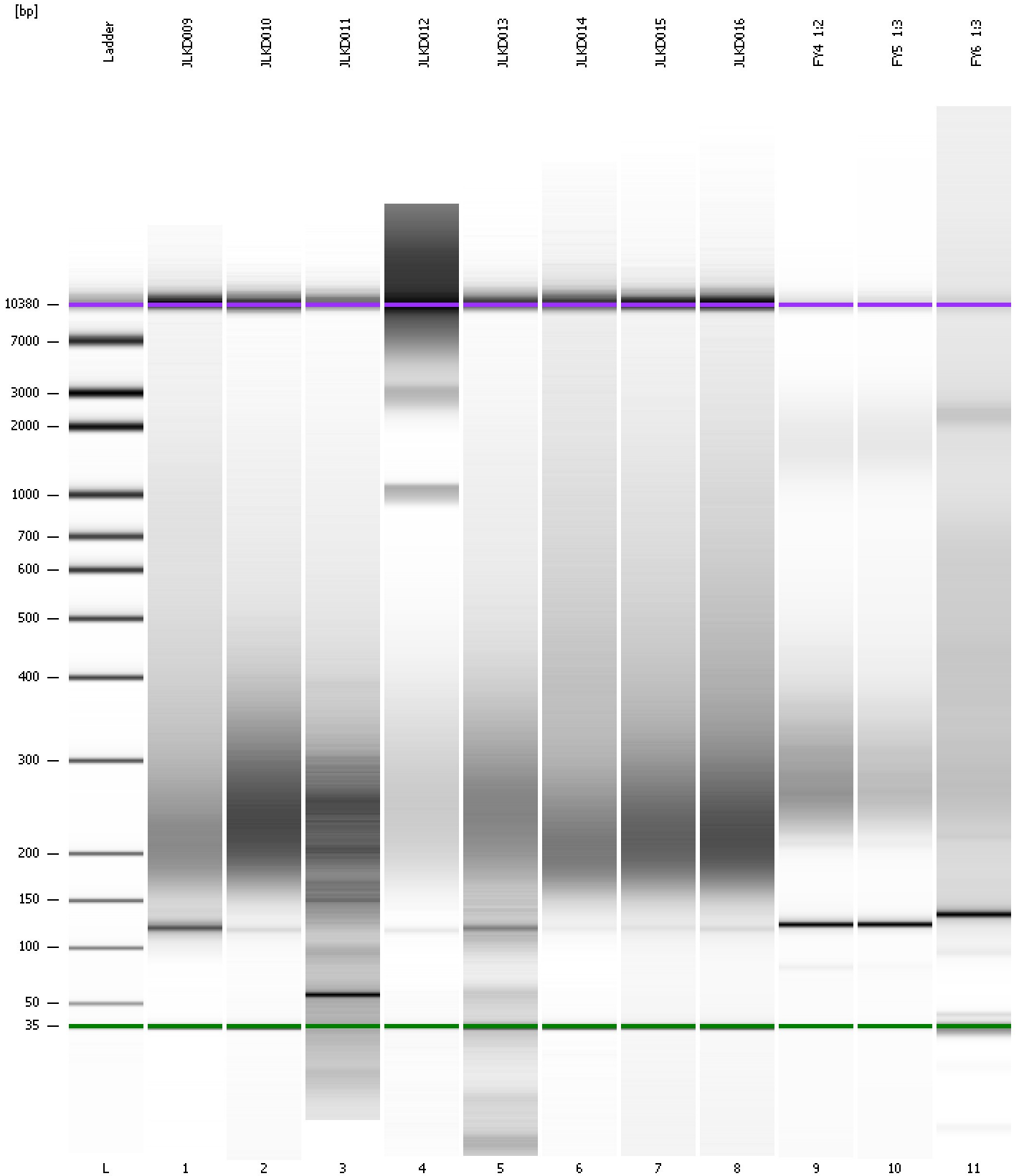
**Region table for sample 11 : FY6 1:3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
110	157	137	10,185.2	917.10	706.2	15	6.6
200	1,000	421	13,326.7	3,017.17	3,059.4	63	40.6

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
Modified: 3/31/2014 11:08:28 AM

**Gel Image**

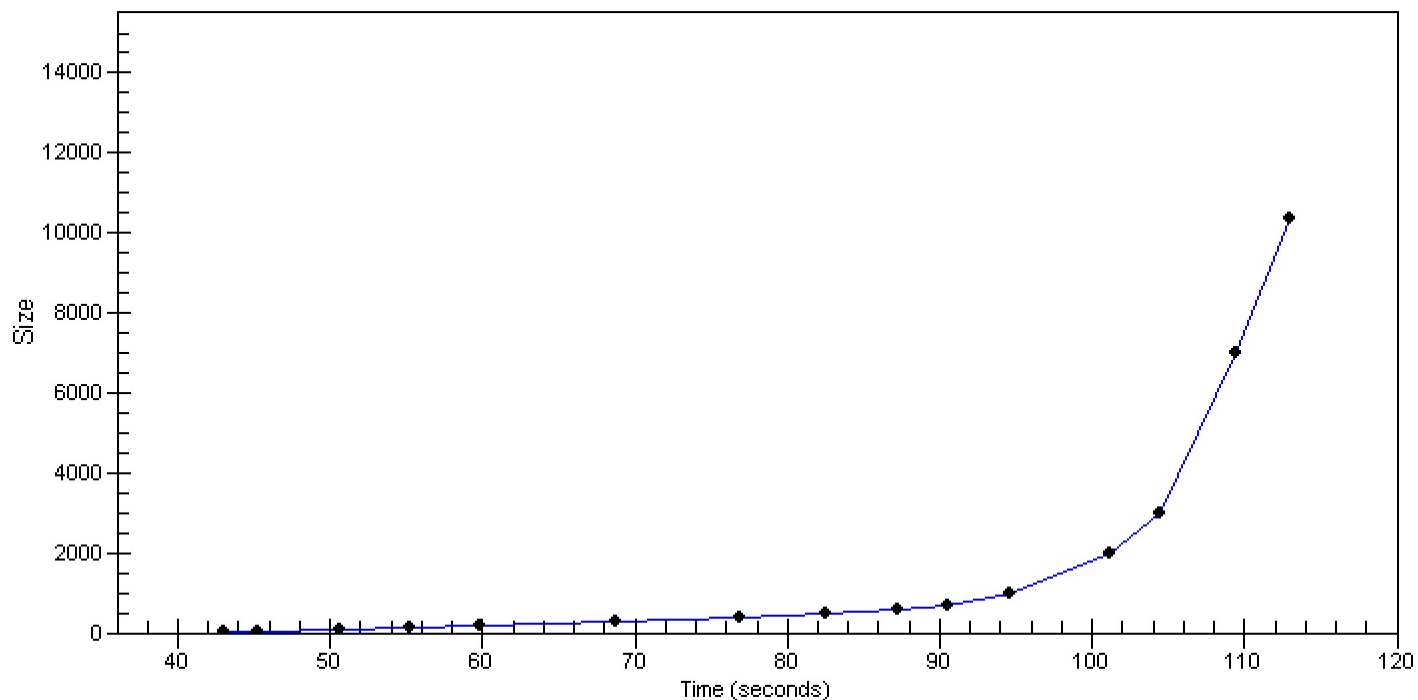


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
Modified: 3/31/2014 11:08:28 AM

**Curves**

**Standard Curve**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-31\2014-03-31\_001.xad

Created: 3/31/2014 9:51:47 AM  
 Modified: 3/31/2014 11:08:28 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		3/31/2014 10:33:04 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-03-31\2014-03-31_001.xad)		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		3/31/2014 9:51:53 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1