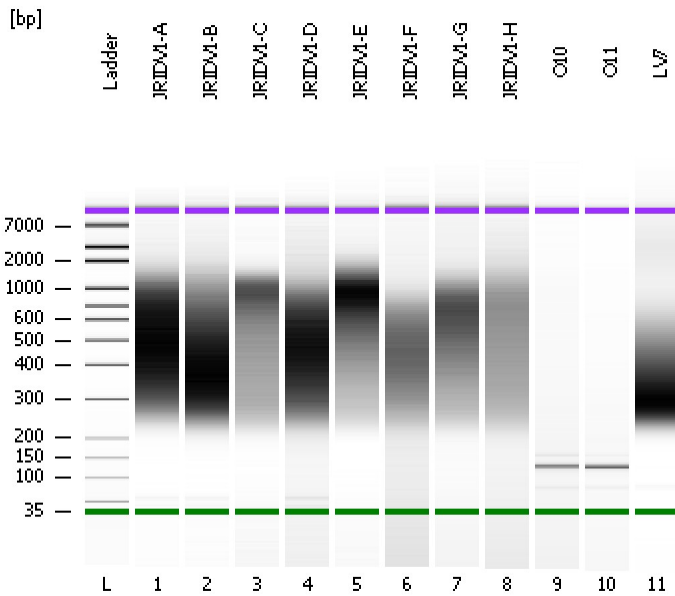


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
Modified: 3/14/2014 4:49:19 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

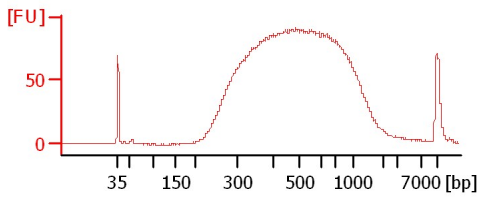
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy

Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

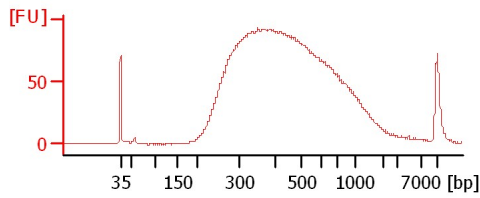
Chip Information:

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

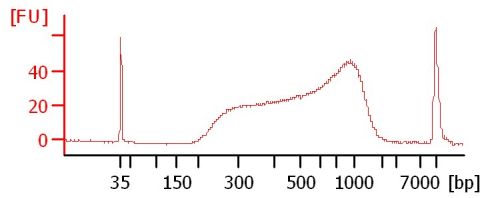
JRIDV1-A



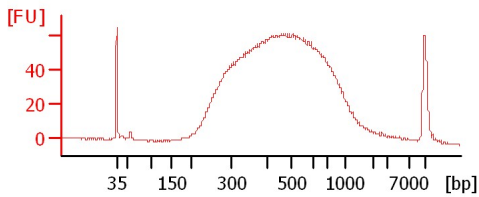
JRIDV1-B



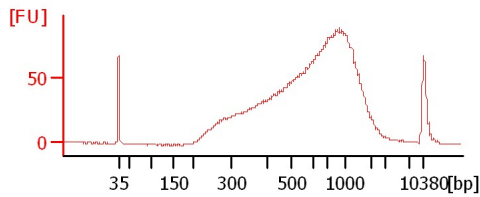
JRIDV1-C



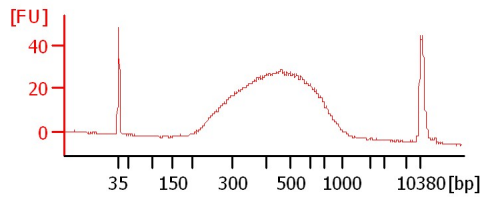
JRIDV1-D



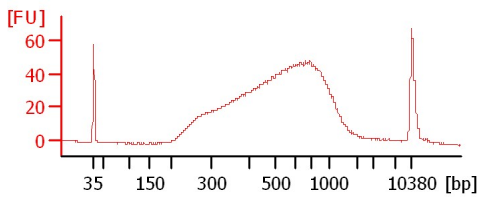
JRIDV1-E



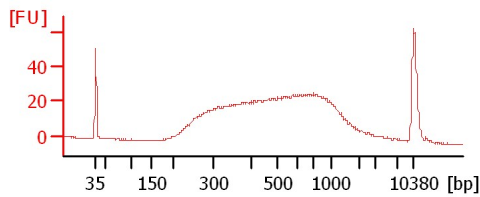
JRIDV1-F



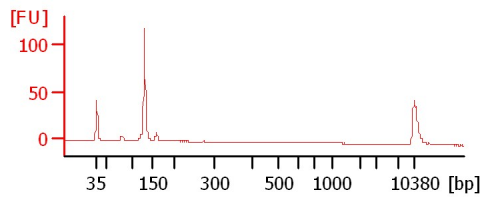
JRIDV1-G



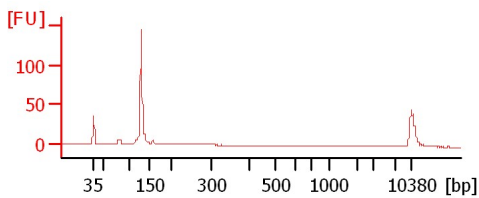
JRIDV1-H



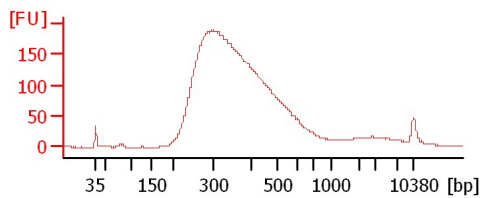
O10



O11



LV7



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
JRIDV1-A		<input type="checkbox"/>	✓			
JRIDV1-B		<input type="checkbox"/>	✓			
JRIDV1-C		<input type="checkbox"/>	✓			
JRIDV1-D		<input type="checkbox"/>	✓			
JRIDV1-E		<input type="checkbox"/>	✓			
JRIDV1-F		<input type="checkbox"/>	✓			
JRIDV1-G		<input type="checkbox"/>	✓			
JRIDV1-H		<input type="checkbox"/>	✓			
O10		<input type="checkbox"/>	✓			
O11		<input type="checkbox"/>	✓			
LV7		<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\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
Modified: 3/14/2014 4:49:19 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/μl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/μl] : 125
Upper Marker Concentration [pg/μl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

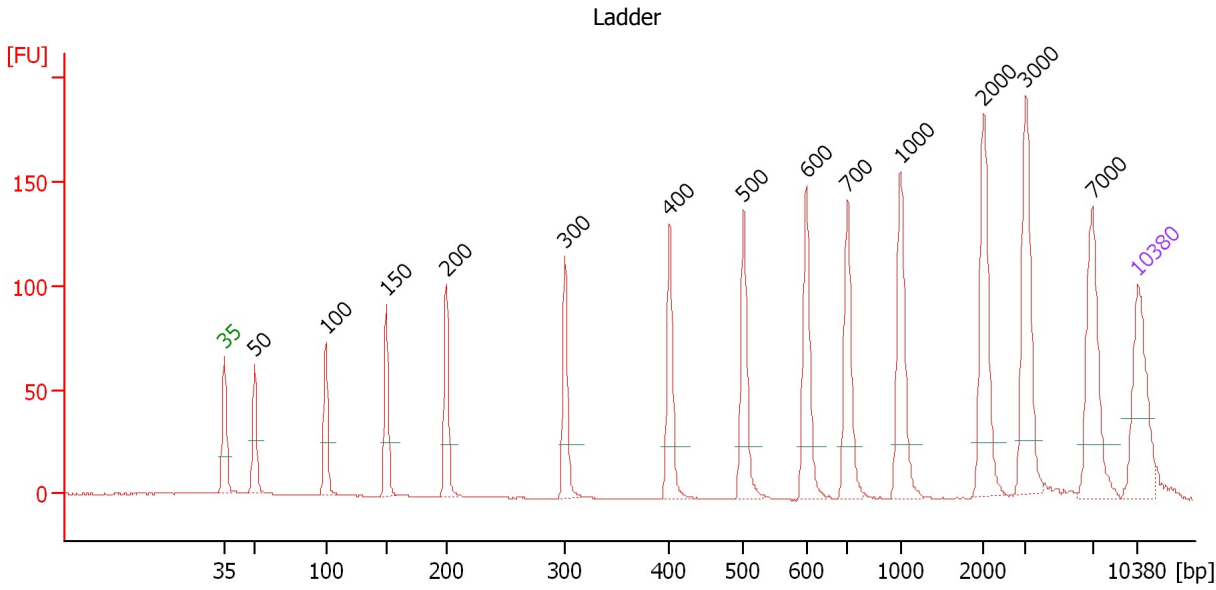
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

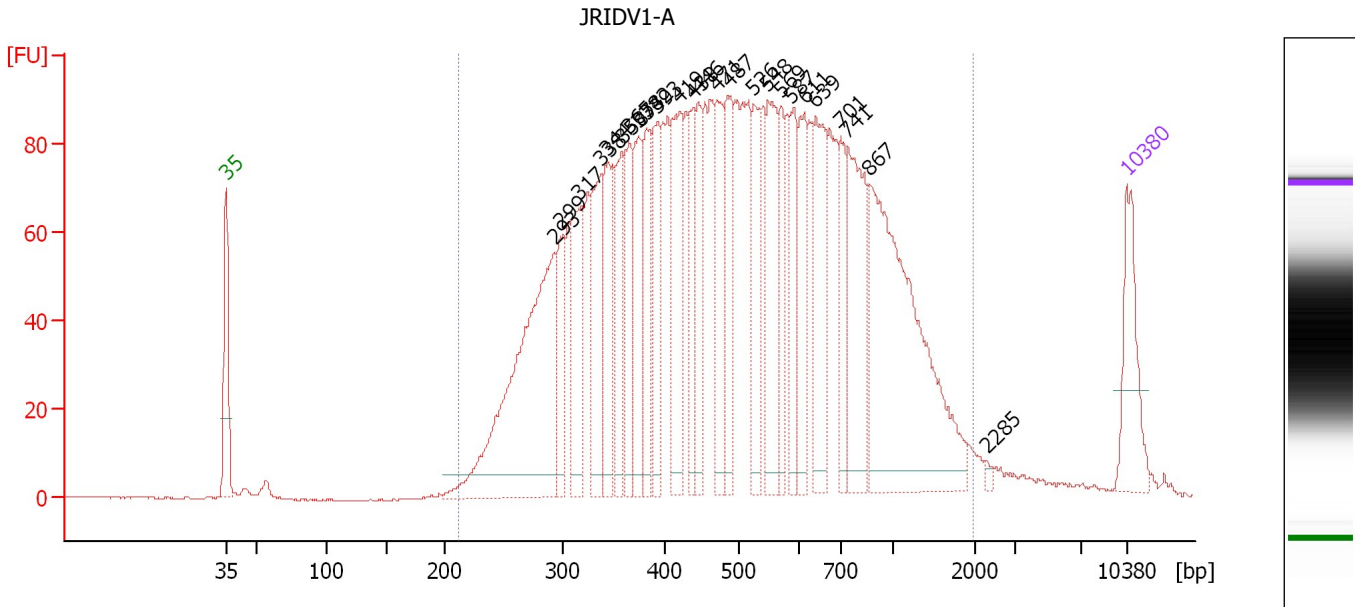
Peak table for Ladder

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	45.33	50	150.00	4,545.5	Ladder Peak
3	50.76	100	150.00	2,272.7	Ladder Peak
4	55.42	150	150.00	1,515.2	Ladder Peak
5	60.04	200	150.00	1,136.4	Ladder Peak
6	69.11	300	150.00	757.6	Ladder Peak
7	77.12	400	150.00	568.2	Ladder Peak
8	82.80	500	150.00	454.5	Ladder Peak
9	87.58	600	150.00	378.8	Ladder Peak
10	90.77	700	150.00	324.7	Ladder Peak
11	94.82	1,000	150.00	227.3	Ladder Peak
12	101.19	2,000	150.00	113.6	Ladder Peak
13	104.38	3,000	150.00	75.8	Ladder Peak
14	109.53	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\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : JRIDV1-A

Number of peaks found: 25 Corr. Area 1: 3,214.7
 Noise: 0.2


Peak table for sample 1 : JRIDV1-A

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	68.49	293	485.21	2,508.0	
3	68.99	299	91.25	463.0	
4	70.44	317	120.85	578.5	
5	72.14	338	132.24	593.2	
6	72.67	344	117.48	516.7	
7	73.79	358	103.67	438.2	
8	74.33	365	99.03	410.9	
9	75.04	374	118.50	480.1	
10	75.66	382	106.03	420.8	
11	76.53	393	105.08	405.5	
12	78.23	419	163.00	588.7	
13	79.31	438	84.91	293.4	
14	79.72	446	84.97	288.8	
15	81.13	471	110.05	354.4	
16	82.04	487	103.13	321.1	
17	84.03	526	95.87	276.3	
18	85.11	548	139.30	385.0	
19	86.10	569	72.12	192.0	
20	86.97	587	90.81	234.3	
21	87.93	611	98.65	244.7	
22	88.84	639	133.22	315.7	
23	90.79	701	73.09	157.9	
24	91.32	741	174.01	355.8	
25	93.02	867	406.17	709.7	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...**... Peak table for sample 1 : JRIDV1-A**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	102.10	2,285	4.16	2.8	
27	 113.00	10,380	75.00	10.9	Upper Marker

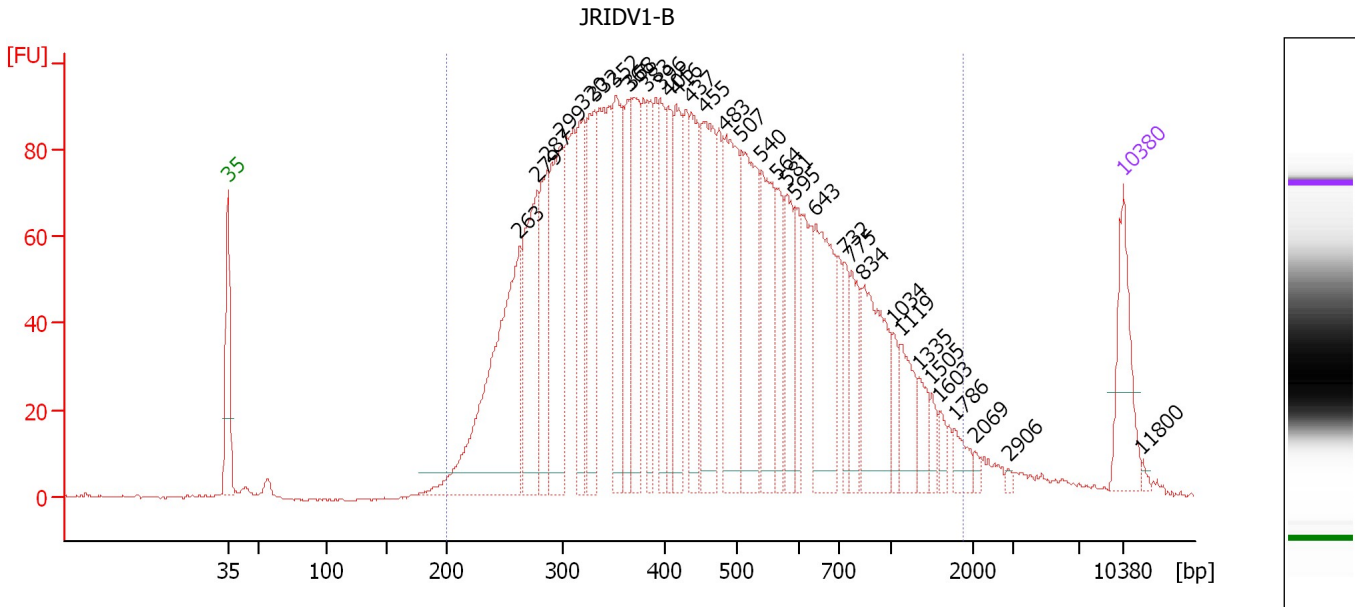
Region table for sample 1 : JRIDV1-A

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
211	1,991	565	15,101.3	4,354.38	 3,214.7	98	52.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : JRIDV1-B

Number of peaks found: 34 Corr. Area 1: 3,286.1
 Noise: 0.3

Peak table for sample 2 : JRIDV1-B

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	65.76	263	422.27	2,431.9	
3	67.18	279	215.72	1,172.7	
4	67.93	287	138.48	731.1	
5	69.02	299	224.17	1,136.2	
6	70.72	320	142.26	673.3	
7	71.64	332	158.11	722.5	
8	73.31	352	179.45	771.5	
9	74.39	366	102.93	426.2	
10	74.52	368	143.31	590.9	
11	75.77	383	99.22	392.4	
12	76.77	396	95.85	367.1	
13	77.40	405	93.32	349.3	
14	78.02	416	127.48	464.5	
15	79.23	437	116.07	402.3	
16	80.23	455	197.37	657.6	
17	81.86	483	189.77	594.9	
18	83.15	507	198.67	593.4	
19	84.73	540	147.35	413.1	
20	85.86	564	66.15	177.7	
21	86.69	581	84.83	221.1	
22	87.36	595	54.95	139.9	
23	88.94	643	166.26	392.0	
24	91.20	732	43.23	89.5	
25	91.78	775	57.77	113.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : JRIDV1-B

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	92.57	834	149.92	272.5	
27	95.03	1,034	24.94	36.6	
28	95.57	1,119	55.25	74.8	
29	96.95	1,335	30.26	34.4	
30	98.03	1,505	15.33	15.4	
31	98.66	1,603	12.51	11.8	
32	99.83	1,786	21.21	18.0	
33	101.41	2,069	5.44	4.0	
34	104.08	2,906	3.44	1.8	
35	113.00	10,380	75.00	10.9	Upper Marker
36	114.46	11,800	0.00	0.0	

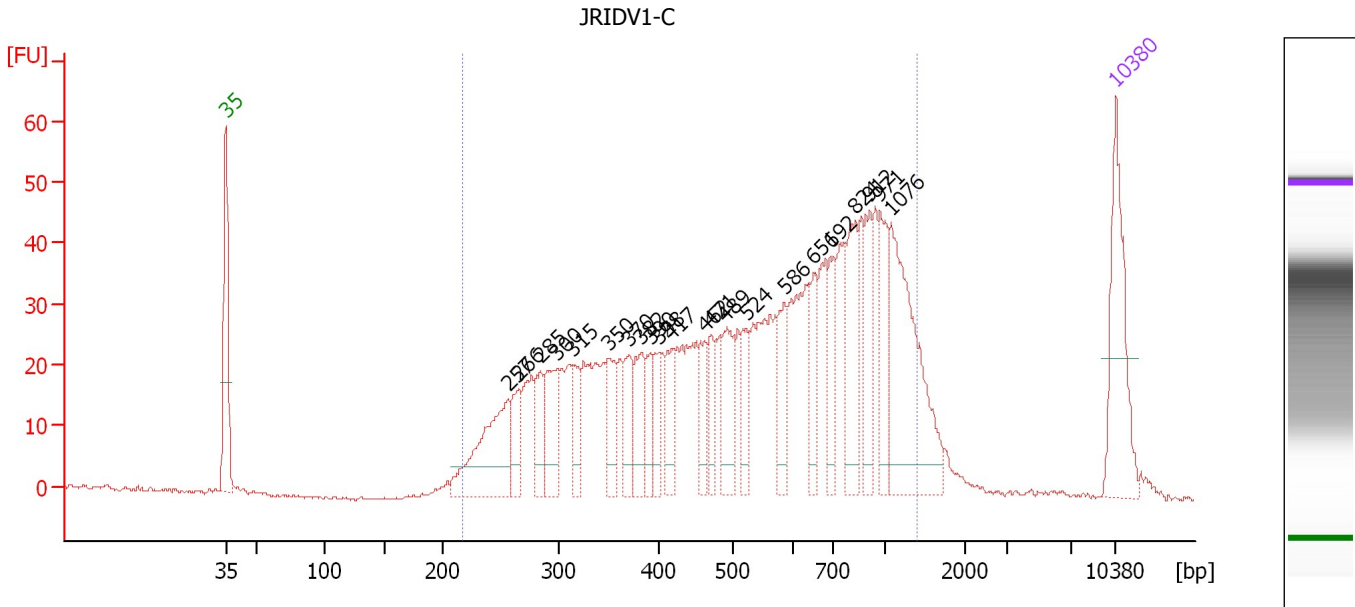
Region table for sample 2 : JRIDV1-B

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
200	1,897	504	18,549.5	4,807.28	3,286.1	98	53.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : JRIDV1-C

Number of peaks found: 22 Corr. Area 1: 1,197.3
 Noise: 0.3

Peak table for sample 3 : JRIDV1-C


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	65.19	257	121.15	715.0	
3	66.03	266	36.93	210.4	
4	67.75	285	37.09	197.2	
5	69.09	300	58.83	297.4	
6	70.35	315	32.51	156.2	
7	73.16	350	39.57	171.0	
8	74.71	370	38.52	157.8	
9	75.67	382	43.76	173.6	
10	76.34	390	25.73	99.9	
11	76.97	398	25.55	97.2	
12	78.06	417	35.33	128.5	
13	80.66	462	30.02	98.4	
14	81.17	471	28.63	92.1	
15	82.17	489	54.11	167.7	
16	83.93	524	32.39	93.7	
17	86.91	586	39.61	102.4	
18	89.22	651	35.79	83.3	
19	90.52	692	36.36	79.6	
20	92.45	824	64.88	119.2	
21	93.62	912	45.86	76.2	
22	94.42	971	48.97	76.4	
23	95.30	1,076	149.16	210.0	
24	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...

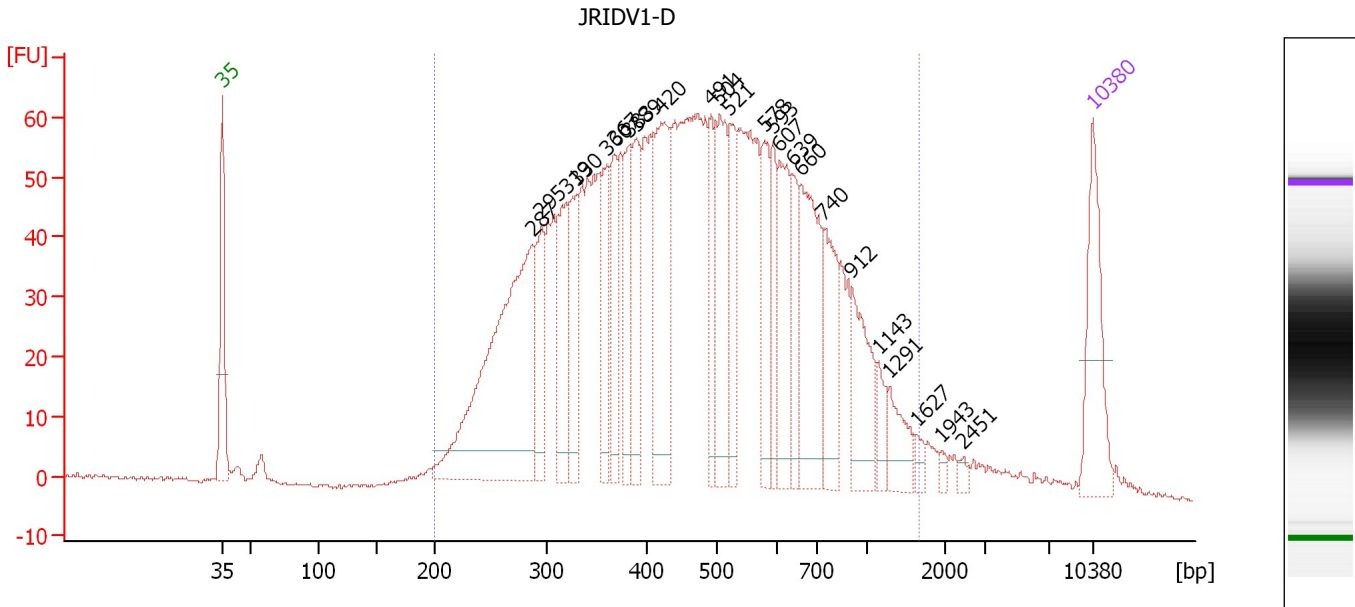
... Region table for sample 3 : JRIDV1-C

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
217	1,409	602	5,867.2	1,733.71	 1,197.3	95	46.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : JRIDV1-D

Number of peaks found: 24 Corr. Area 1: 2,139.5
 Noise: 0.3

Peak table for sample 4 : JRIDV1-D

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	67.91	287	409.21	2,162.6	
3	68.63	295	80.04	411.5	
4	70.65	319	102.67	487.4	
5	71.51	330	89.92	413.0	
6	73.91	360	73.03	307.5	
7	74.51	367	74.17	305.9	
8	75.75	383	68.89	272.6	
9	76.26	389	88.84	345.8	
10	78.28	420	163.92	590.8	
11	82.31	491	62.50	192.8	
12	82.99	504	113.12	340.1	
13	83.81	521	72.78	211.6	
14	86.55	578	71.25	186.6	
15	87.24	593	49.32	126.1	
16	87.79	607	86.56	216.2	
17	88.82	639	52.50	124.5	
18	89.51	660	141.77	325.2	
19	91.31	740	86.75	177.6	
20	93.62	912	74.75	124.2	
21	95.73	1,143	21.21	28.1	
22	96.67	1,291	33.44	39.3	
23	98.81	1,627	9.08	8.5	
24	100.83	1,943	4.98	3.9	
25	102.63	2,451	4.79	3.0	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...**... Peak table for sample 4 : JRIDV1-D**

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

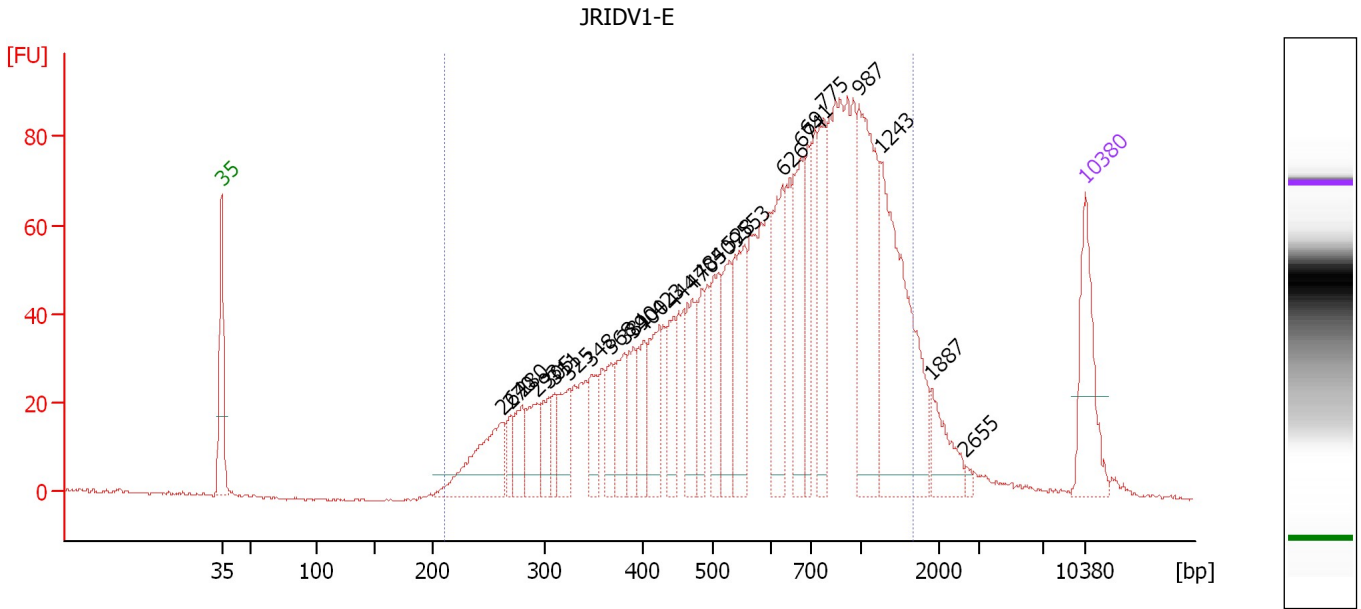
Region table for sample 4 : JRIDV1-D

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,670	509	11,740.8	3,170.51	 2,139.5	96	45.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : JRIDV1-E

Number of peaks found: 27 Corr. Area 1: 2,041.1
 Noise: 0.3

Peak table for sample 5 : JRIDV1-E

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	65.81	264	125.33	720.3	
3	66.38	270	25.01	140.4	
4	67.33	280	45.16	244.1	
5	68.45	293	56.74	293.7	
6	69.53	305	40.89	203.0	
7	70.01	311	31.52	153.5	
8	71.09	325	58.12	271.3	
9	72.94	348	46.27	201.6	
10	74.54	368	40.46	166.7	
11	75.62	381	56.98	226.4	
12	76.36	390	45.34	175.9	
13	77.14	400	51.72	195.8	
14	78.43	423	77.27	276.7	
15	79.60	444	51.80	176.9	
16	81.11	470	71.90	231.7	
17	81.89	484	44.17	138.3	
18	83.23	509	71.87	214.0	
19	84.14	528	73.08	209.8	
20	85.35	553	104.18	285.3	
21	88.41	626	110.42	267.2	
22	89.93	674	103.97	233.9	
23	90.49	691	64.70	141.8	
24	91.78	775	86.74	169.5	
25	94.64	987	181.80	279.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : JRIDV1-E

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	96.36	1,243	233.39	284.5	
27	100.47	1,887	43.51	34.9	
28	103.28	2,655	3.87	2.2	
29	113.00	10,380	75.00	10.9	Upper Marker

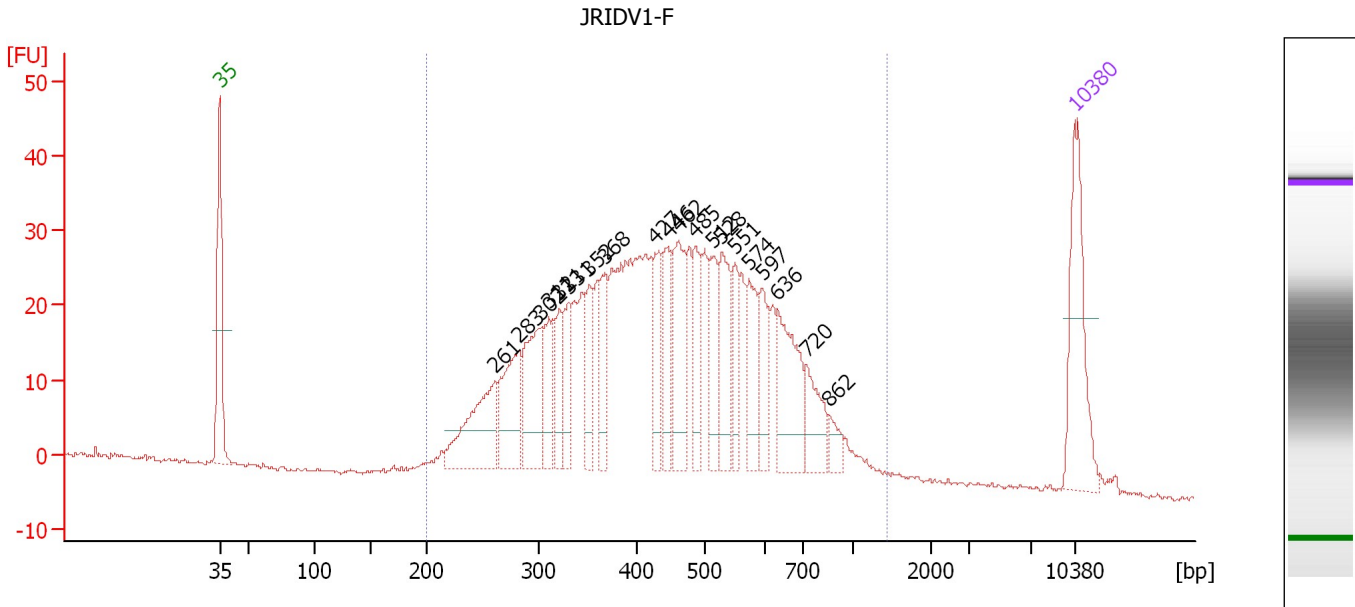
Region table for sample 5 : JRIDV1-E

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
211	1,668	694	7,891.5	2,659.68	2,041.1	94	47.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : JRIDV1-F

Number of peaks found: 20 Corr. Area 1: 922.4
 Noise: 0.3


Peak table for sample 6 : JRIDV1-F

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	65.58	261	102.77	596.6	
3	67.54	283	83.43	447.2	
4	69.29	302	89.06	446.5	
5	69.99	311	48.25	235.1	
6	70.82	321	34.38	162.1	
7	71.56	331	40.40	185.2	
8	73.31	352	42.94	184.6	
9	74.57	368	44.02	181.2	
10	78.68	427	45.02	159.6	
11	79.72	446	48.10	163.5	
12	80.64	462	77.93	255.6	
13	81.95	485	49.37	154.2	
14	83.39	512	46.31	136.9	
15	84.14	528	63.03	180.9	
16	85.23	551	32.02	88.1	
17	86.36	574	49.32	130.1	
18	87.45	597	35.50	90.0	
19	88.72	636	77.54	184.8	
20	91.03	720	39.78	83.7	
21	92.96	862	12.96	22.8	
22	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
Modified: 3/14/2014 4:49:19 PM

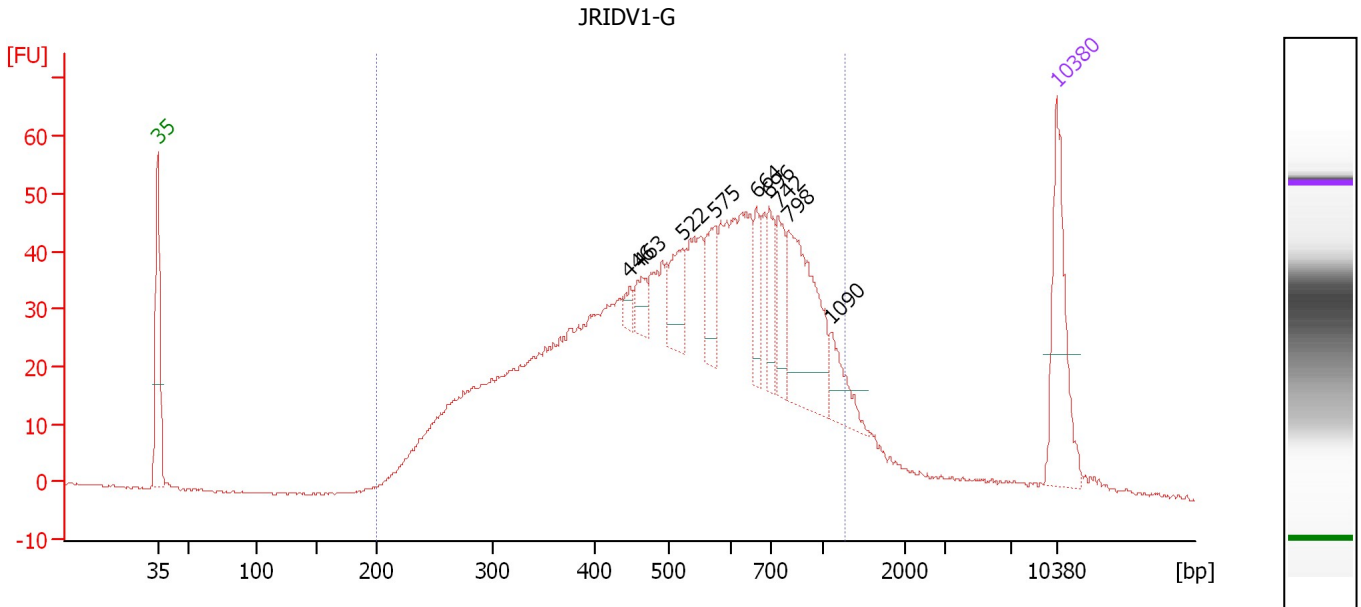
Electropherogram Summary Continued ...**... Region table for sample 6 : JRIDV1-F**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,439	468	6,441.2	1,702.95	 922.4	98	35.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : JRIDV1-G

Number of peaks found: 9 Corr. Area 1: 1,337.0
 Noise: 0.3

Peak table for sample 7 : JRIDV1-G

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	79.73	446	9.94	33.8	
3	80.71	463	19.79	64.7	
4	83.87	522	43.55	126.3	
5	86.41	575	39.79	104.8	
6	89.61	664	27.89	63.7	
7	90.63	696	33.38	72.7	
8	91.34	742	37.70	77.0	
9	92.10	798	122.47	232.4	
10	95.39	1,090	30.81	42.8	
11	113.00	10,380	75.00	10.9	Upper Marker

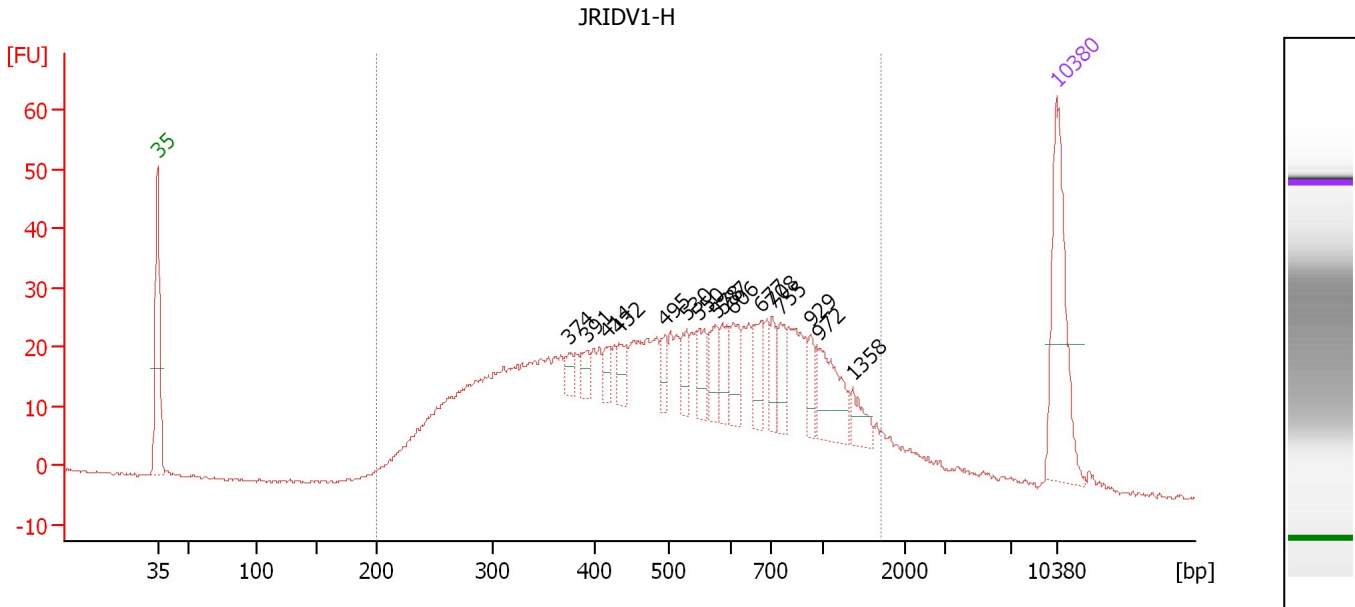
Region table for sample 7 : JRIDV1-G

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
200	1,282	556	6,771.2	2,008.58	1,337.0	94	39.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : JRIDV1-H

Number of peaks found: 16 Corr. Area 1: 982.3
 Noise: 0.2

Peak table for sample 8 : JRIDV1-H

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	75.07	374	10.24	41.4	
3	76.38	391	11.18	43.4	
4	77.91	414	11.18	40.9	
5	78.95	432	14.62	51.3	
6	82.50	495	13.35	40.9	
7	84.22	530	17.02	48.7	
8	85.21	550	22.30	61.4	
9	86.51	578	21.40	56.1	
10	86.96	587	20.92	54.0	
11	87.77	606	23.33	58.3	
12	90.03	677	23.71	53.1	
13	90.88	708	16.75	35.8	
14	91.51	755	19.76	39.6	
15	93.86	929	14.25	23.2	
16	94.44	972	42.05	65.5	
17	97.10	1,358	14.59	16.3	
18	113.00	10,380	75.00	10.9	Upper Marker

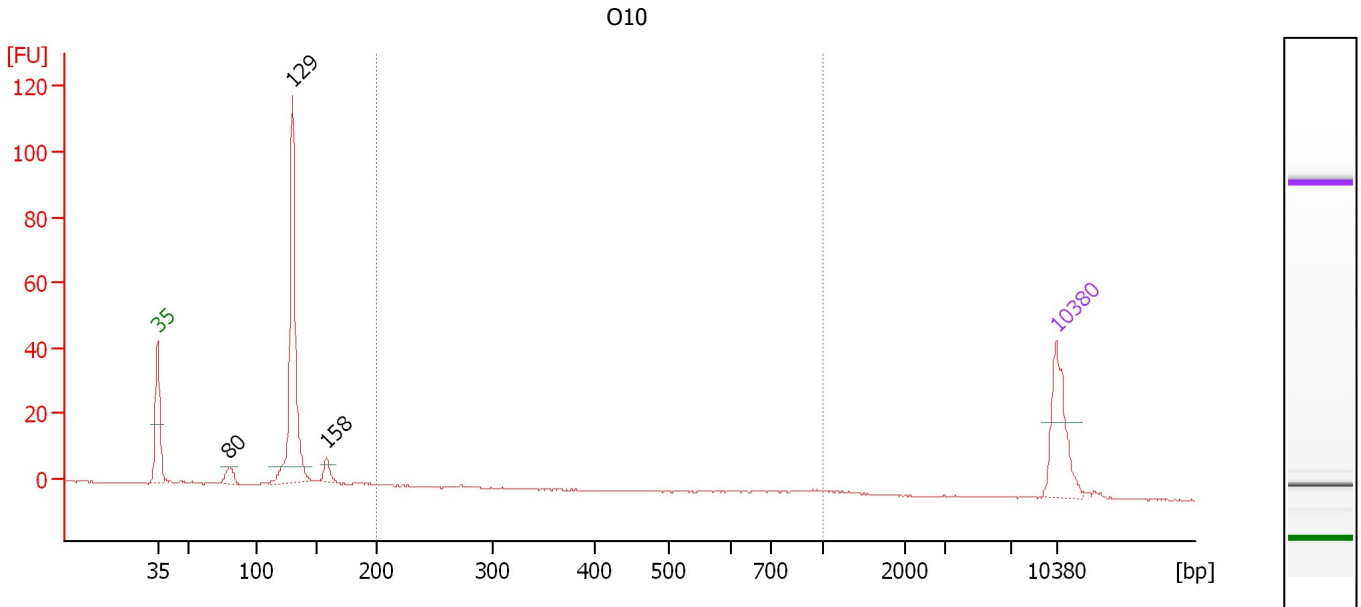
Region table for sample 8 : JRIDV1-H

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,702	579	5,099.6	1,450.16	982.3	94	51.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : O10

Number of peaks found: 3 Corr. Area 1: 4.6
 Noise: 0.2

Peak table for sample 9 : O10

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	48.59	80	22.44	424.9	
3	53.51	129	332.44	3,891.4	
4	56.19	158	17.79	170.3	
5	113.00	10,380	75.00	10.9	Upper Marker

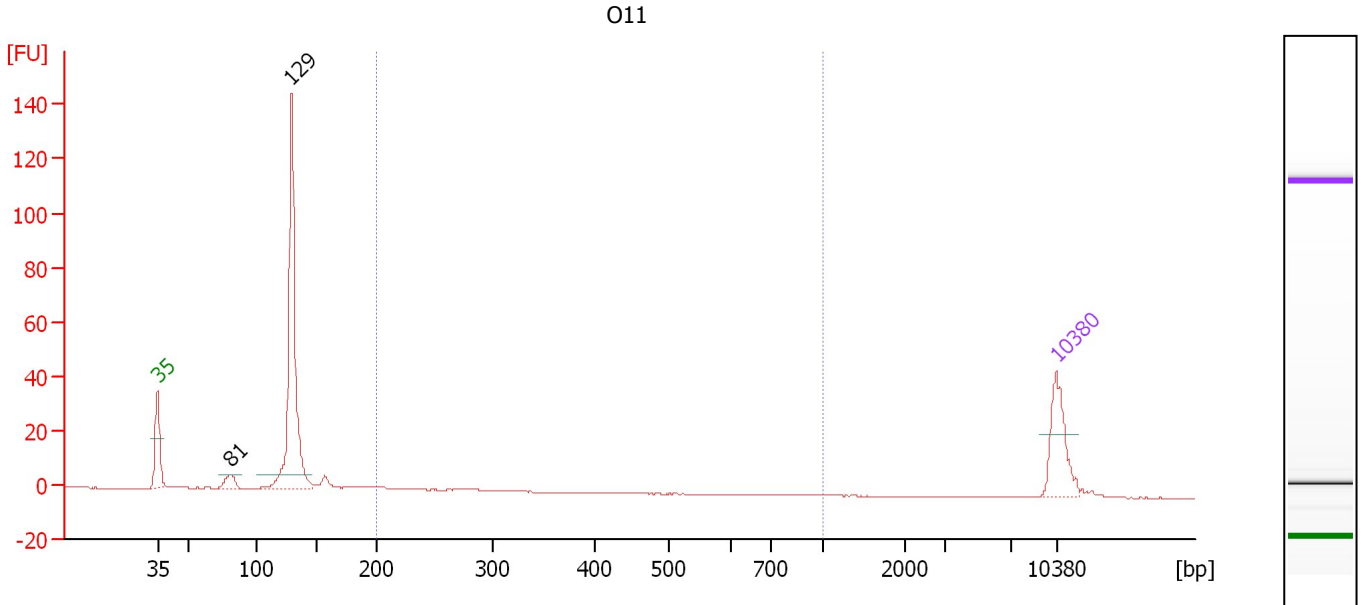
Region table for sample 9 : O10

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	714	27.2	8.70	4.6	3	33.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : O11

Number of peaks found: 2 Corr. Area 1: 7.1
 Noise: 0.1

Peak table for sample 10 : O11

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	48.69	81	27.73	519.2	
3	53.42	129	465.22	5,485.4	
4	113.00	10,380	75.00	10.9	Upper Marker

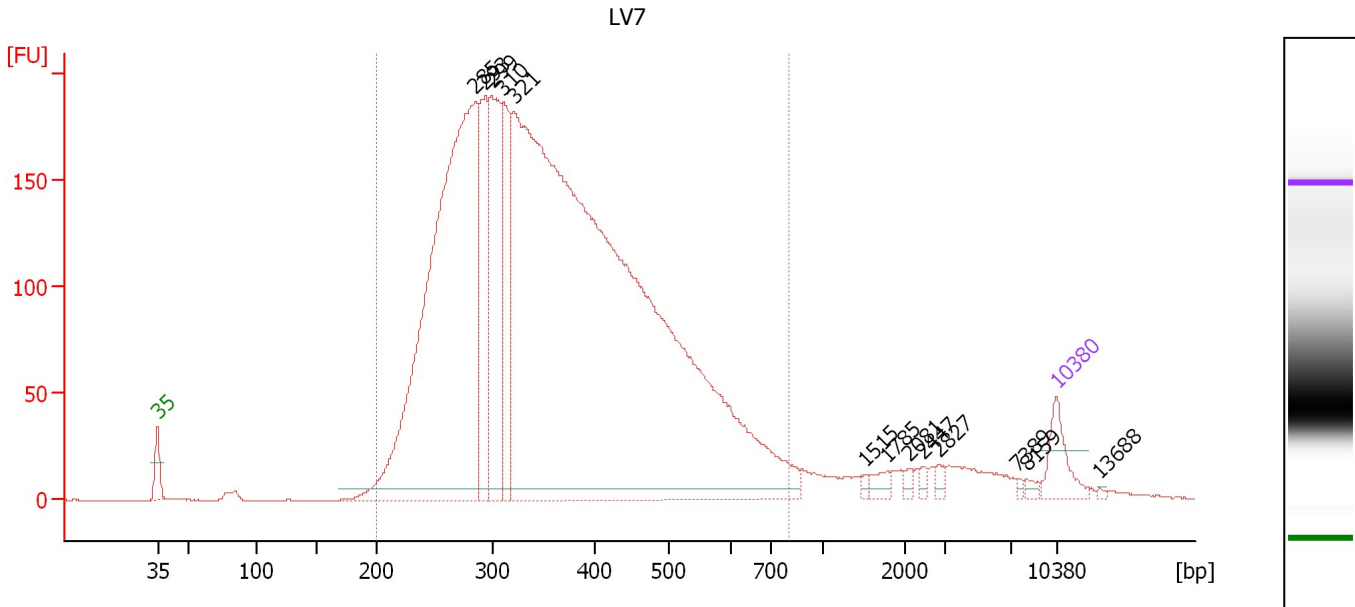
Region table for sample 10 : O11

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	247	105.9	17.21	7.1	4	13.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-14\2014-03-14_002.xad

Created: 3/14/2014 4:07:23 PM
 Modified: 3/14/2014 4:49:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : LV7

Number of peaks found: 13 Corr. Area 1: 4,498.3
 Noise: 0.1

Peak table for sample 11 : LV7

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	67.73	285	2,192.31	11,664.4	
3	68.48	293	375.40	1,941.4	
4	69.03	299	508.59	2,576.0	
5	69.92	310	308.81	1,508.9	
6	70.76	321	5,154.04	24,361.9	
7	98.10	1,515	9.39	9.4	
8	99.82	1,785	23.22	19.7	
9	101.45	2,081	10.72	7.8	
10	102.61	2,447	11.12	6.9	
11	103.83	2,827	14.98	8.0	
12	109.93	7,389	6.18	1.3	
13	110.72	8,159	10.39	1.9	
14	113.00	10,380	75.00	10.9	Upper Marker
15	116.40	13,688	0.00	0.0	

Region table for sample 11 : LV7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	802	370	35,782.1	7,890.01	4,498.3	94	28.8