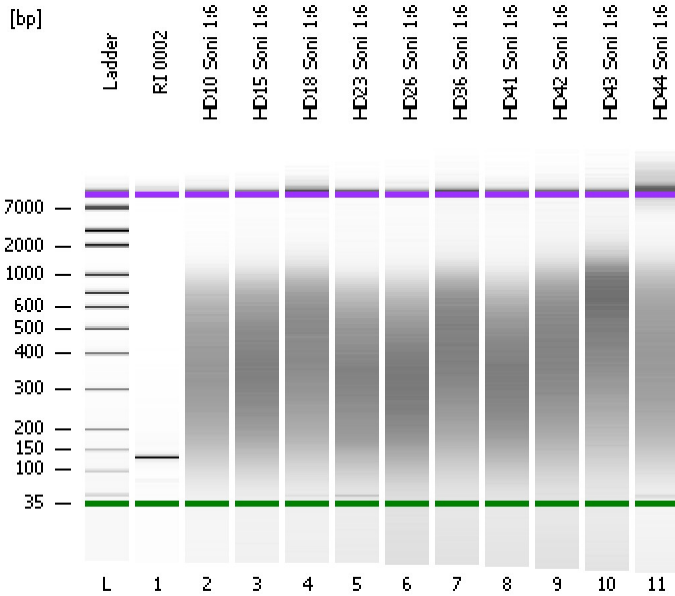


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
Modified: 12/20/2013 2:06:56 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

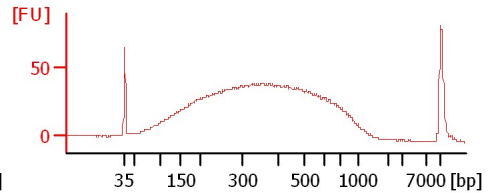
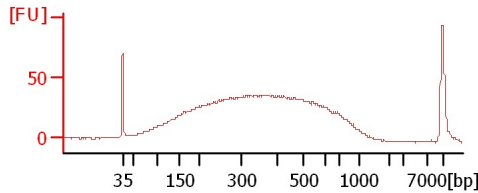
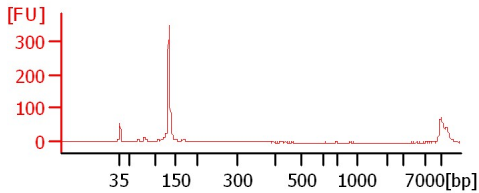
Chip Information:

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

RI 0002

HD10 Soni 1:6

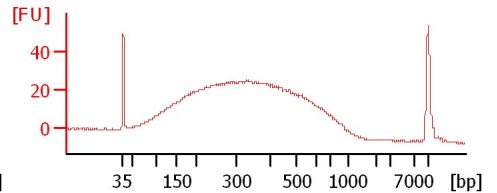
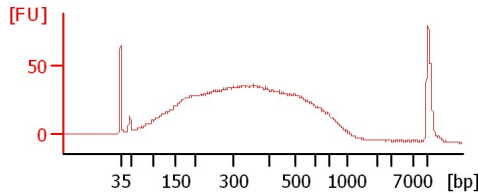
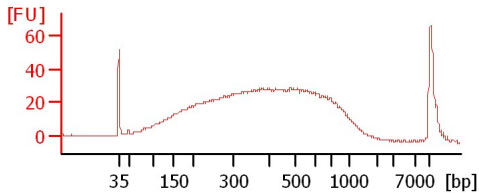
HD15 Soni 1:6



HD18 Soni 1:6

HD23 Soni 1:6

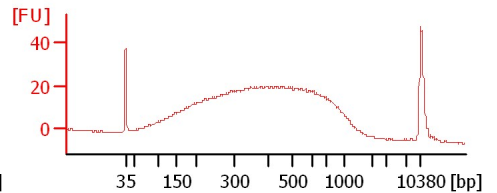
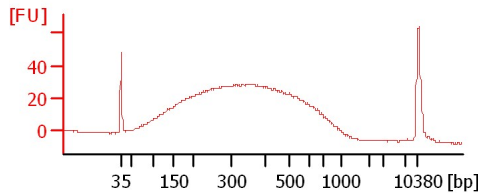
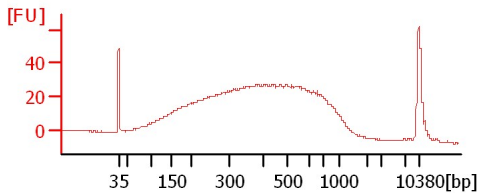
HD26 Soni 1:6



HD36 Soni 1:6

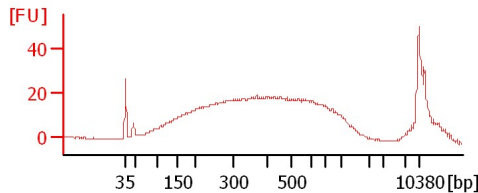
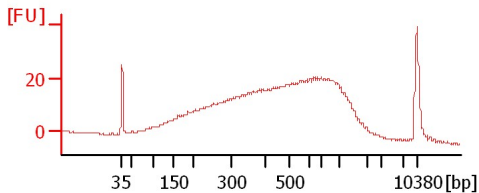
HD41 Soni 1:6

HD42 Soni 1:6



HD43 Soni 1:6

HD44 Soni 1:6



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
Modified: 12/20/2013 2:06:56 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RI 0002		<input type="checkbox"/>	✓			
HD10 Soni 1:6		<input type="checkbox"/>	✓			
HD15 Soni 1:6		<input type="checkbox"/>	✓			
HD18 Soni 1:6		<input type="checkbox"/>	✓			
HD23 Soni 1:6		<input type="checkbox"/>	✓			
HD26 Soni 1:6		<input type="checkbox"/>	✓			
HD36 Soni 1:6		<input type="checkbox"/>	✓			
HD41 Soni 1:6		<input type="checkbox"/>	✓			
HD42 Soni 1:6		<input type="checkbox"/>	✓			
HD43 Soni 1:6		<input type="checkbox"/>	✓			
HD44 Soni 1:6		<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\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
Modified: 12/20/2013 2:06:56 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

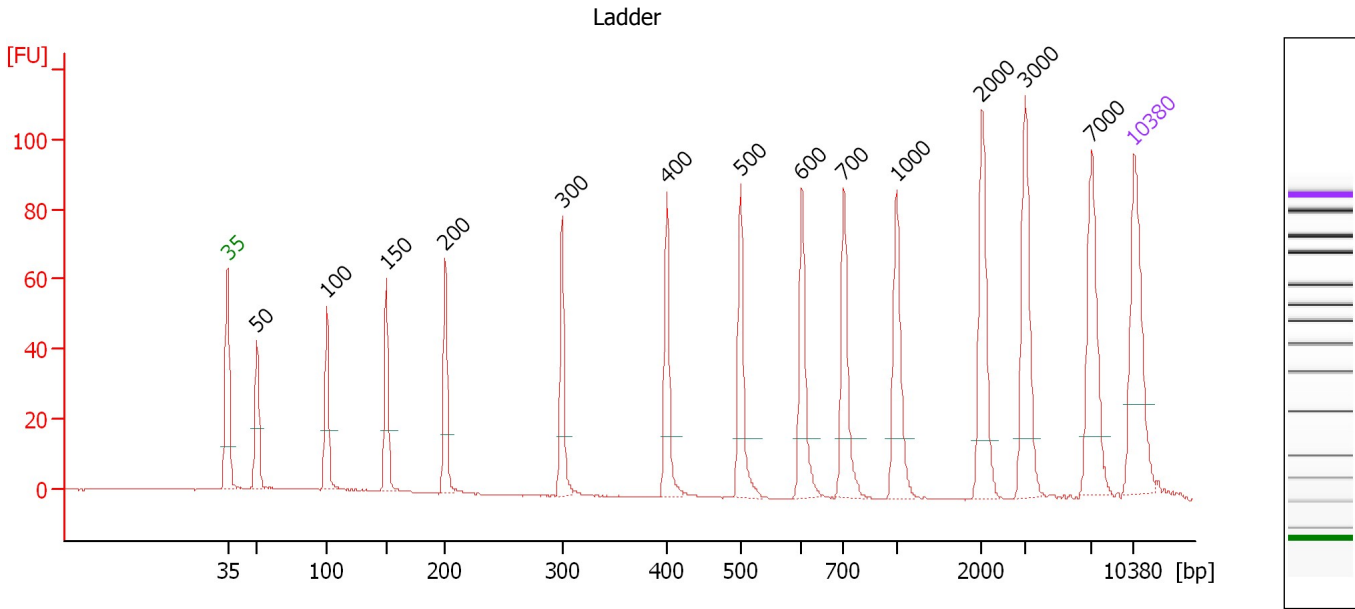
Ladder

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\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

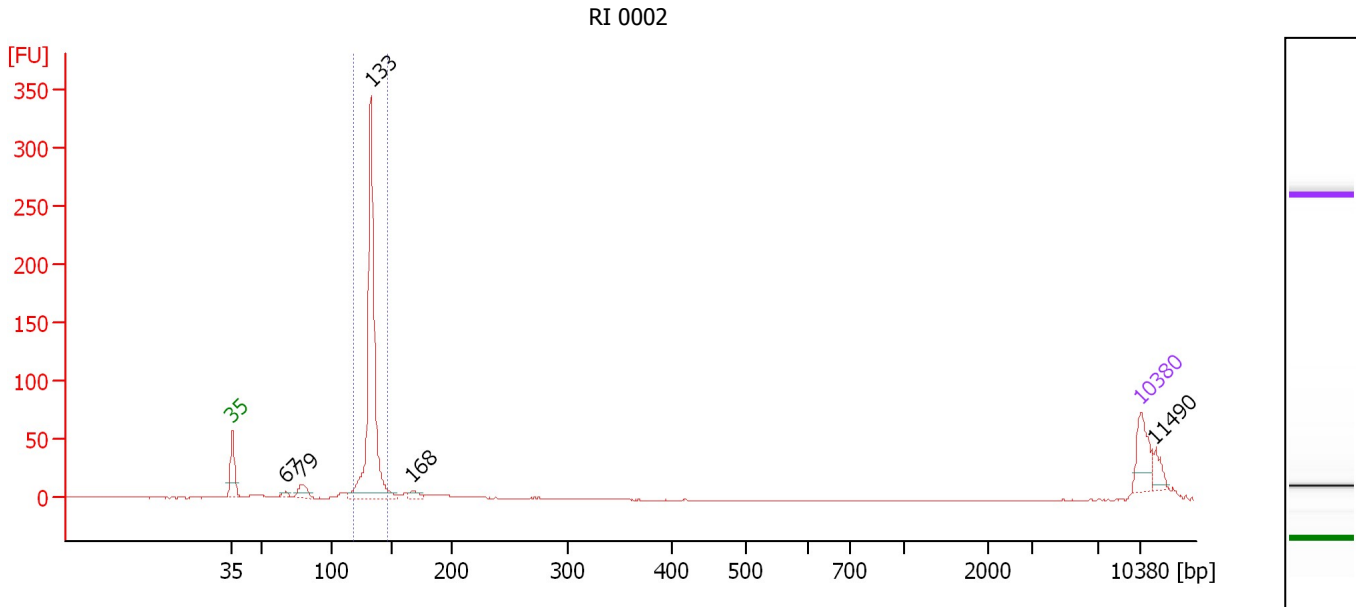
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.26	50	150.00	4,545.5	Ladder Peak
3	50.66	100	150.00	2,272.7	Ladder Peak
4	55.27	150	150.00	1,515.2	Ladder Peak
5	59.84	200	150.00	1,136.4	Ladder Peak
6	68.82	300	150.00	757.6	Ladder Peak
7	76.93	400	150.00	568.2	Ladder Peak
8	82.61	500	150.00	454.5	Ladder Peak
9	87.35	600	150.00	378.8	Ladder Peak
10	90.60	700	150.00	324.7	Ladder Peak
11	94.68	1,000	150.00	227.3	Ladder Peak
12	101.26	2,000	150.00	113.6	Ladder Peak
13	104.56	3,000	150.00	75.8	Ladder Peak
14	109.75	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\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : RI 0002

Number of peaks found: 5 Corr. Area 1: 386.7
 Noise: 0.2

Peak table for sample 1 : RI 0002

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	47.15	67	17.97	403.5	
3	48.34	79	51.28	989.6	
4	53.68	133	933.48	10,653.2	
5	56.88	168	21.30	192.5	
6	113.00	10,380	75.00	10.9	Upper Marker
7	114.07	11,490	0.00	0.0	

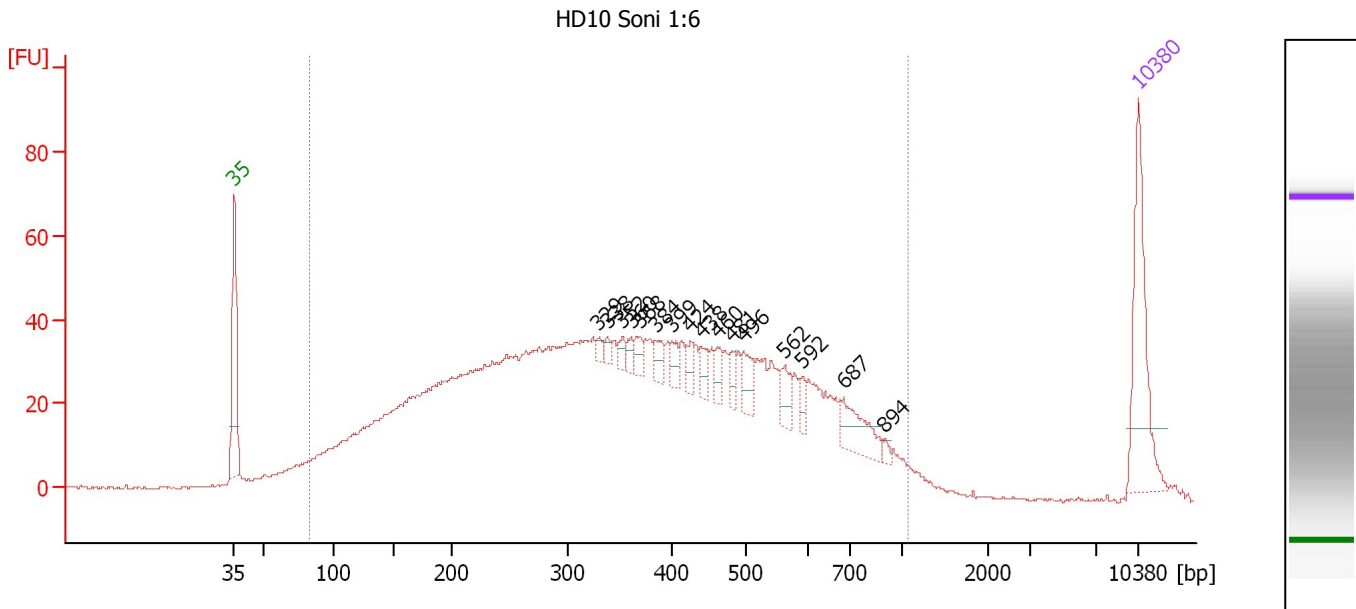
Region table for sample 1 : RI 0002

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
119	146	133	10,234.6	898.03	386.7	75	2.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : HD10 Soni 1:6

Number of peaks found: 16 Corr. Area 1: 1,815.0
 Noise: 0.2

Peak table for sample 2 : HD10 Soni 1:6

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	71.19	329	5.70	26.2	
3	71.89	338	5.70	25.6	
4	73.01	352	7.75	33.4	
5	73.71	360	8.57	36.0	
6	74.33	368	10.29	42.4	
7	75.61	384	13.52	53.4	
8	76.84	399	12.17	46.2	
9	78.29	424	10.90	38.9	
10	79.11	438	13.25	45.8	
11	80.35	460	12.55	41.3	
12	81.51	481	11.00	34.7	
13	82.38	496	19.81	60.5	
14	85.55	562	18.44	49.7	
15	86.96	592	9.84	25.2	
16	90.18	687	35.10	77.4	
17	93.23	894	3.62	6.1	
18	113.00	10,380	75.00	10.9	Upper Marker

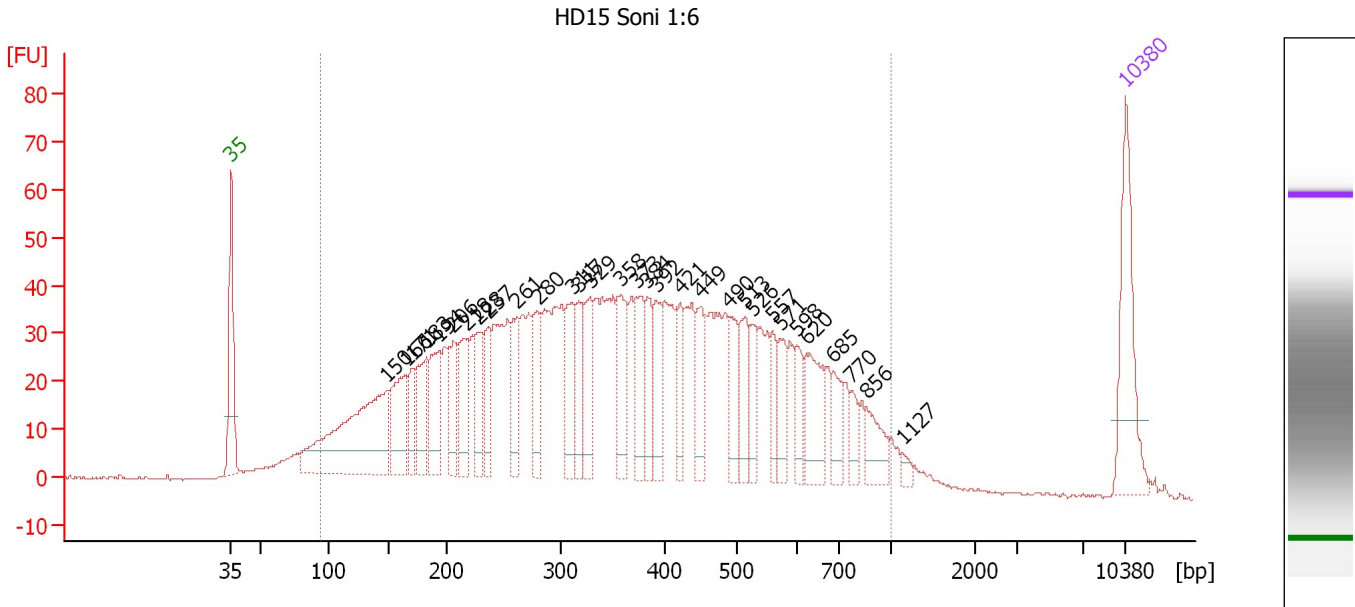
Region table for sample 2 : HD10 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
83	1,065	378	14,372.6	2,439.56	1,815.0	97	47.1	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : HD15 Soni 1:6

Number of peaks found: 31 Corr. Area 1: 1,938.8
 Noise: 0.2

Peak table for sample 3 : HD15 Soni 1:6


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	55.23	150	257.56	2,609.3	
3	56.69	166	84.78	776.0	
4	57.19	171	37.61	333.2	
5	58.28	183	65.45	542.2	
6	59.28	194	74.87	585.2	
7	60.41	206	55.00	403.9	
8	61.45	218	68.35	475.2	
9	62.33	228	46.78	311.3	
10	63.16	237	43.67	279.2	
11	65.33	261	54.04	313.5	
12	67.04	280	57.19	309.2	
13	69.71	311	62.69	305.3	
14	70.17	317	42.77	204.6	
15	71.13	329	55.06	253.9	
16	73.51	358	64.46	272.9	
17	74.72	373	53.66	218.1	
18	75.60	384	42.83	169.2	
19	76.27	392	47.18	182.4	
20	78.15	421	34.11	122.6	
21	79.73	449	45.51	153.5	
22	82.03	490	41.91	129.7	
23	83.24	513	44.87	132.5	
24	83.86	526	32.08	92.3	
25	85.33	557	24.90	67.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad


Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : HD15 Soni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	85.95	571	32.56	86.5	
27	87.25	598	24.63	62.4	
28	88.00	620	60.28	147.3	
29	90.13	685	29.08	64.3	
30	91.55	770	17.83	35.1	
31	92.71	856	29.99	53.1	
32	95.51	1,127	5.68	7.6	
33	 113.00	10,380	75.00	10.9	Upper Marker

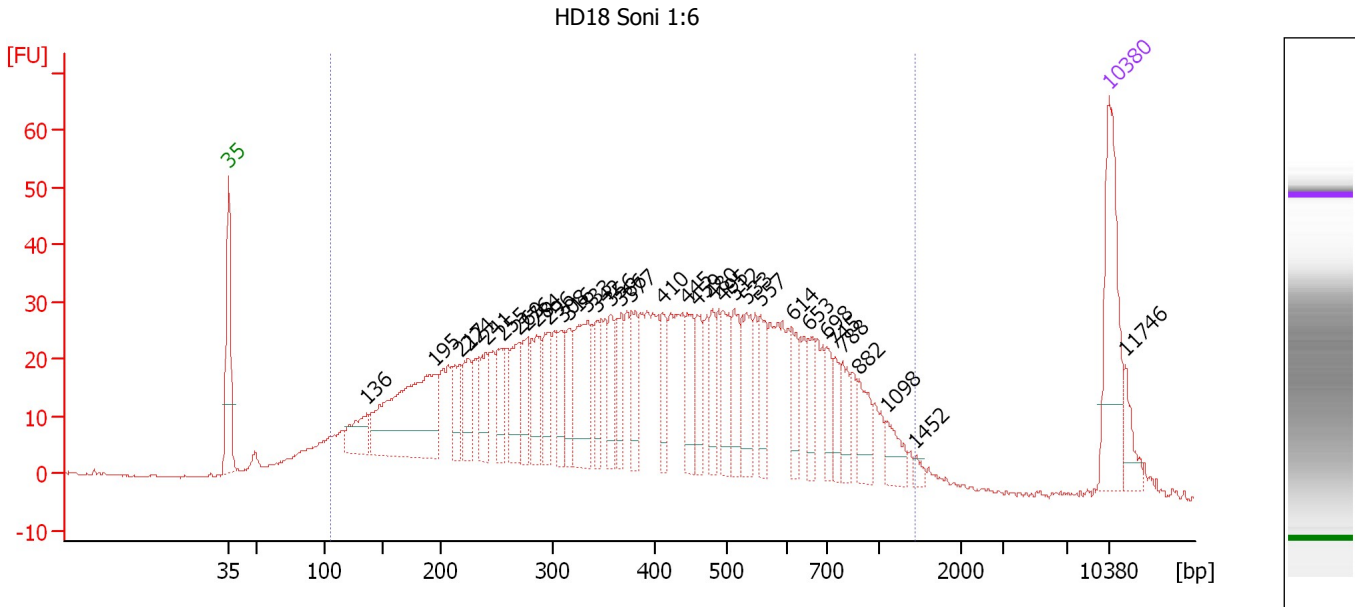
Region table for sample 3 : HD15 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
94	1,000	385	15,979.0	2,819.30	1,938.8	95	46.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : HD18 Soni 1:6

Number of peaks found: 34 Corr. Area 1: 1,511.7
 Noise: 0.2

Peak table for sample 4 : HD18 Soni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	53.98	136	42.04	468.3	
3	59.37	195	198.56	1,544.4	
4	61.40	217	37.72	262.9	
5	62.04	224	39.15	264.3	
6	63.48	241	39.81	250.8	
7	64.75	255	36.43	216.7	
8	66.06	269	50.31	283.0	
9	66.70	276	35.49	194.5	
10	67.42	284	49.71	264.8	
11	68.48	296	40.55	207.4	
12	69.50	308	33.45	164.4	
13	70.09	316	33.18	159.2	
14	71.53	333	77.80	353.5	
15	72.21	342	31.11	137.9	
16	73.40	356	30.99	131.7	
17	74.21	366	32.71	135.3	
18	75.05	377	35.29	141.9	
19	77.47	410	30.85	114.1	
20	79.46	445	36.91	125.8	
21	80.27	459	36.03	119.0	
22	81.50	480	30.15	95.1	
23	82.30	495	38.56	118.1	
24	83.19	512	37.38	110.6	
25	84.17	533	42.03	119.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad


Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : HD18 Soni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	85.31	557	34.20	93.0	
27	87.82	614	24.93	61.5	
28	89.09	653	21.01	48.7	
29	90.53	698	20.80	45.2	
30	91.21	745	17.58	35.8	
31	91.80	788	22.23	42.7	
32	93.07	882	25.47	43.8	
33	95.32	1,098	19.85	27.4	
34	97.65	1,452	4.66	4.9	
35	113.00	10,380	75.00	10.9	Upper Marker
36	114.31	11,746	0.00	0.0	

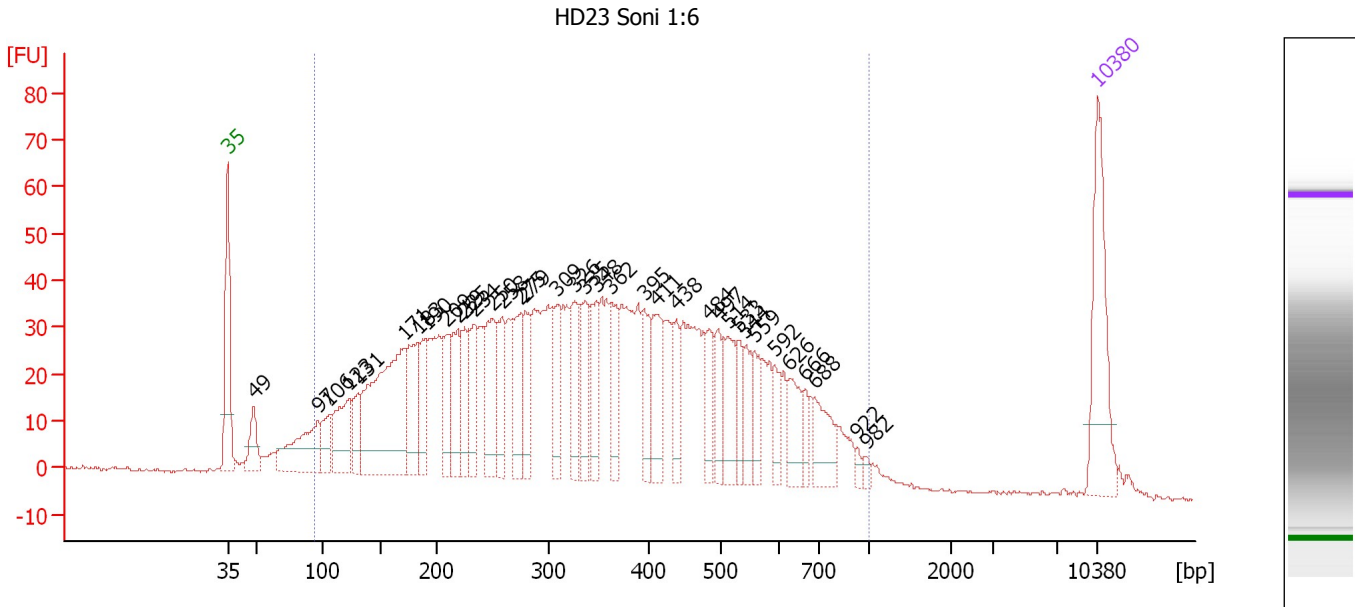
Region table for sample 4 : HD18 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
105	1,445	437	12,079.2	2,338.14	1,511.7	93	52.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : HD23 Soni 1:6

Number of peaks found: 36 Corr. Area 1: 1,877.8
 Noise: 0.3

Peak table for sample 5 : HD23 Soni 1:6

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	45.10	49	37.40	1,158.4	
3	50.29	97	94.90	1,488.5	
4	51.19	106	33.59	481.1	
5	52.74	123	73.67	911.0	
6	53.51	131	34.82	403.1	
7	57.20	171	231.82	2,053.1	
8	58.31	183	81.79	676.1	
9	58.96	190	49.89	397.2	
10	60.67	209	45.93	332.6	
11	61.57	219	55.08	380.6	
12	62.04	225	42.49	286.7	
13	62.86	234	55.46	359.7	
14	64.36	250	71.37	432.0	
15	65.09	258	51.25	300.4	
16	66.59	275	60.42	332.7	
17	66.98	279	44.70	242.3	
18	69.55	309	49.99	245.1	
19	70.97	326	51.81	240.4	
20	71.69	335	53.79	242.9	
21	72.68	348	40.72	177.5	
22	73.88	362	47.53	198.7	
23	76.50	395	44.57	171.1	
24	77.53	411	55.07	203.2	
25	79.12	438	29.29	101.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad


Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : HD23 Soni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	81.69	484	31.22	97.8	
27	82.46	497	32.59	99.3	
28	83.28	514	47.80	140.9	
29	84.18	533	25.41	72.2	
30	84.69	544	27.23	75.8	
31	85.42	559	27.05	73.3	
32	86.96	592	20.40	52.2	
33	88.21	626	33.15	80.2	
34	89.50	666	14.22	32.3	
35	90.22	688	40.66	89.5	
36	93.61	922	4.82	7.9	
37	94.43	982	4.58	7.1	
38	113.00	10,380	75.00	10.9	Upper Marker

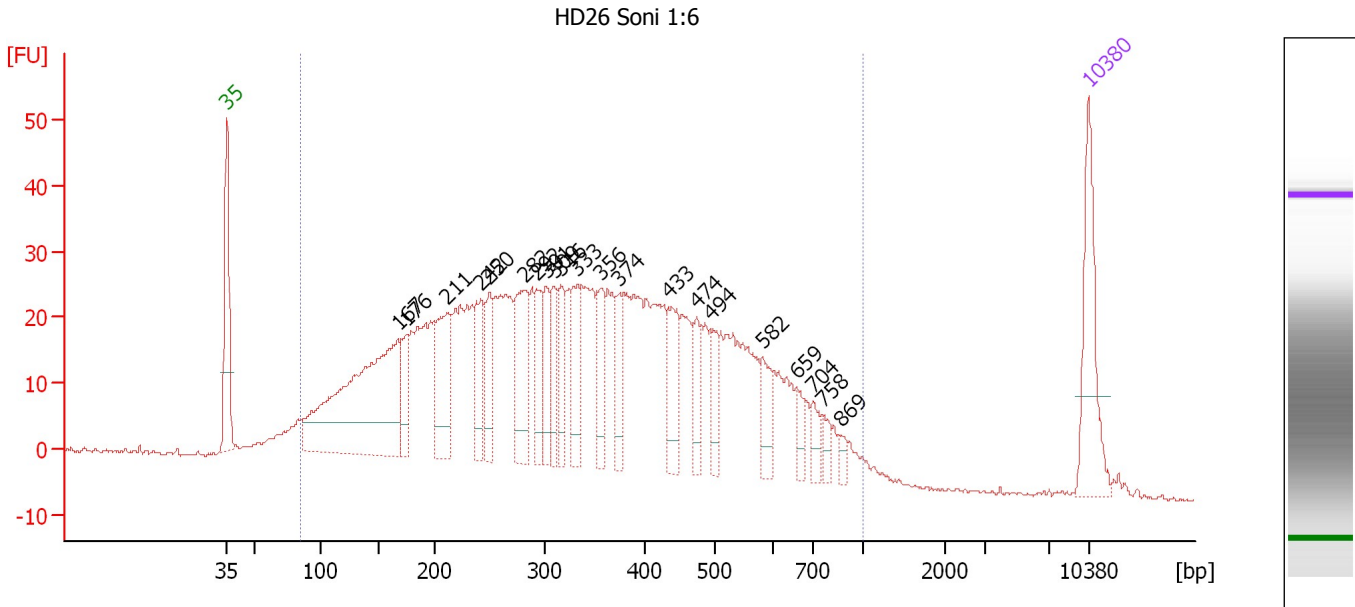
Region table for sample 5 : HD23 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
93	1,000	366	14,890.8	2,512.72	1,877.8	94	46.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
 Modified: 12/20/2013 2:06:56 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : HD26 Soni 1:6

Number of peaks found: 21 Corr. Area 1: 1,368.7
 Noise: 0.3

Peak table for sample 6 : HD26 Soni 1:6

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	56.86	167	386.69	3,499.9	
3	57.64	176	47.03	405.1	
4	60.85	211	103.53	742.7	
5	63.58	242	59.03	370.2	
6	64.31	250	59.84	362.9	
7	67.17	282	100.57	541.0	
8	68.08	292	46.69	242.4	
9	68.90	301	49.51	249.2	
10	69.55	309	45.48	223.0	
11	70.12	316	44.76	214.6	
12	71.46	333	60.21	274.3	
13	73.32	356	53.30	227.2	
14	74.79	374	38.47	156.0	
15	78.82	433	57.83	202.2	
16	81.16	474	32.11	102.5	
17	82.29	494	34.22	104.9	
18	86.49	582	32.74	85.2	
19	89.26	659	17.94	41.2	
20	90.65	704	17.97	38.7	
21	91.38	758	13.95	27.9	
22	92.90	869	9.19	16.0	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

Created: 12/20/2013 1:18:45 PM
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Electropherogram Summary Continued ...

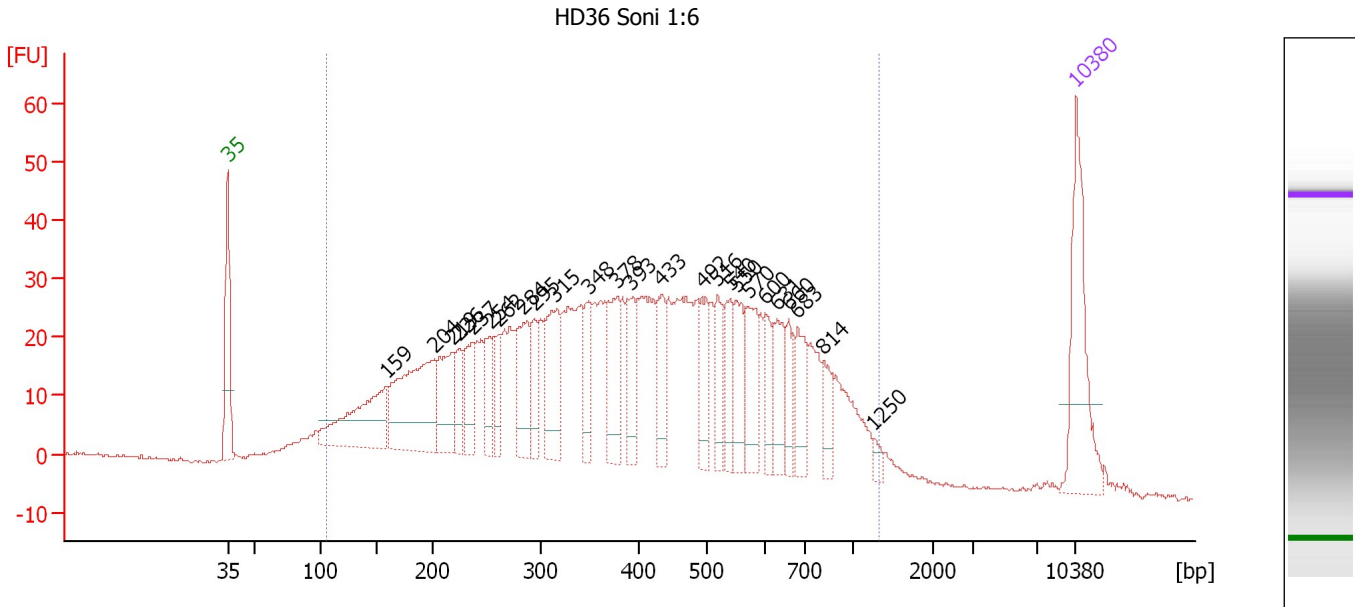
... Region table for sample 6 : HD26 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
84	1,000	359	17,286.6	2,825.66	1,368.7	95	46.6	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : HD36 Soni 1:6

Number of peaks found: 25 Corr. Area 1: 1,445.2
 Noise: 0.3

Peak table for sample 7 : HD36 Soni 1:6

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	56.11	159	121.19	1,153.4	
3	60.16	204	158.04	1,176.5	
4	61.52	219	66.36	459.7	
5	62.14	226	32.82	220.4	
6	63.15	237	42.30	270.6	
7	64.65	254	34.63	207.0	
8	65.39	262	30.33	175.5	
9	67.37	284	60.52	322.9	
10	68.34	295	34.18	175.7	
11	70.01	315	78.97	380.1	
12	72.74	348	39.68	172.6	
13	75.16	378	55.01	220.4	
14	76.35	393	44.46	171.5	
15	78.81	433	43.38	151.7	
16	82.16	492	39.25	120.9	
17	83.39	516	36.13	106.0	
18	84.49	540	36.76	103.2	
19	84.97	550	41.96	115.6	
20	85.94	570	49.18	130.7	
21	87.35	600	25.87	65.3	
22	88.36	631	38.60	92.7	
23	89.29	660	24.72	56.8	
24	90.03	683	35.85	79.6	
25	92.15	814	25.25	47.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 7 : HD36 Soni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	96.32	1,250	5.91	7.2	
27	113.00	10,380	75.00	10.9	Upper Marker

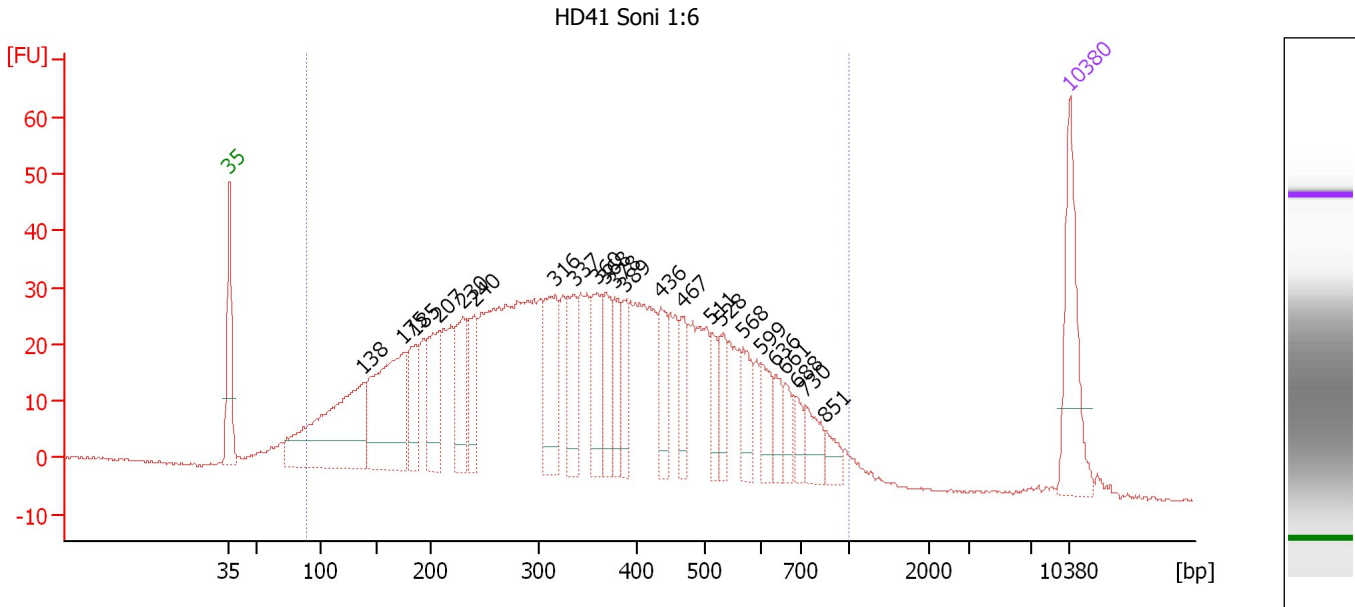
Region table for sample 7 : HD36 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
106	1,303	433	11,056.4	2,176.48	1,445.2	95	48.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : HD41 Soni 1:6

Number of peaks found: 23 Corr. Area 1: 1,494.7
 Noise: 0.3

Peak table for sample 8 : HD41 Soni 1:6

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	54.15	138	252.45	2,775.1	
3	57.52	175	207.71	1,801.9	
4	58.50	185	63.34	517.8	
5	60.46	207	84.82	621.3	
6	62.50	230	70.99	468.4	
7	63.43	240	61.05	385.4	
8	70.14	316	96.34	461.5	
9	71.78	337	68.36	307.8	
10	73.69	360	65.40	275.2	
11	74.36	368	49.41	203.3	
12	75.11	378	44.59	178.9	
13	76.00	389	35.20	137.3	
14	78.98	436	46.30	160.9	
15	80.71	467	36.37	118.1	
16	83.15	511	27.57	81.7	
17	83.95	528	34.19	98.1	
18	85.82	568	34.72	92.7	
19	87.28	599	32.29	81.7	
20	88.53	636	20.99	50.0	
21	89.33	661	21.49	49.3	
22	90.21	688	17.69	38.9	
23	91.01	730	29.04	60.2	
24	92.66	851	16.20	28.8	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...

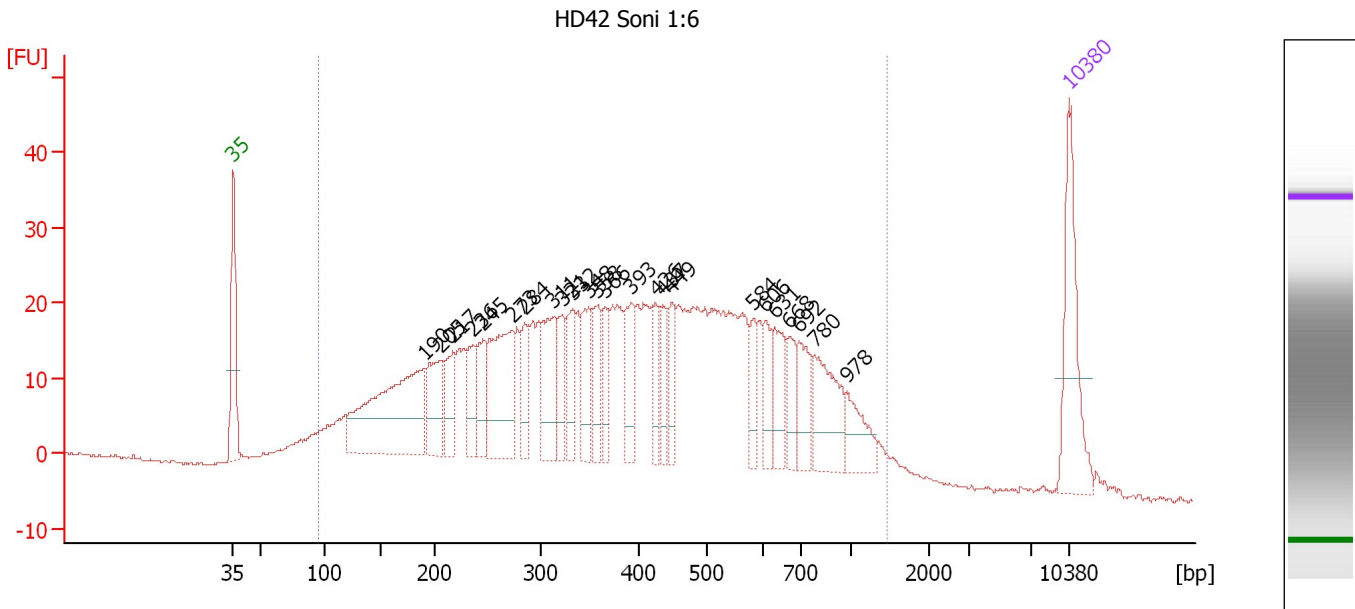
... Region table for sample 8 : HD41 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
89	1,000	368	14,354.9	2,442.25	1,494.7	96	45.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : HD42 Soni 1:6

Number of peaks found: 24 Corr. Area 1: 1,108.4
 Noise: 0.2

Peak table for sample 9 : HD42 Soni 1:6

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	58.95	190	230.05	1,832.3	
3	60.33	205	68.24	503.2	
4	61.40	217	43.98	306.5	
5	63.10	236	41.16	263.9	
6	63.91	245	44.54	275.1	
7	66.36	273	127.53	708.7	
8	67.39	284	36.46	194.4	
9	69.71	311	74.72	364.0	
10	70.52	321	33.47	158.0	
11	71.41	332	46.49	212.2	
12	72.75	348	48.21	209.6	
13	73.51	358	43.09	182.5	
14	74.18	366	32.25	133.5	
15	76.37	393	50.02	192.8	
16	78.42	426	32.63	116.0	
17	79.01	437	32.07	111.3	
18	79.72	449	32.07	108.2	
19	86.60	584	25.00	64.8	
20	87.54	606	29.20	73.0	
21	88.34	631	42.45	102.0	
22	89.55	668	26.58	60.3	
23	90.35	692	39.65	86.8	
24	91.69	780	67.68	131.4	
25	94.37	978	33.47	51.9	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...**... Peak table for sample 9 : HD42 Soni 1:6**

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

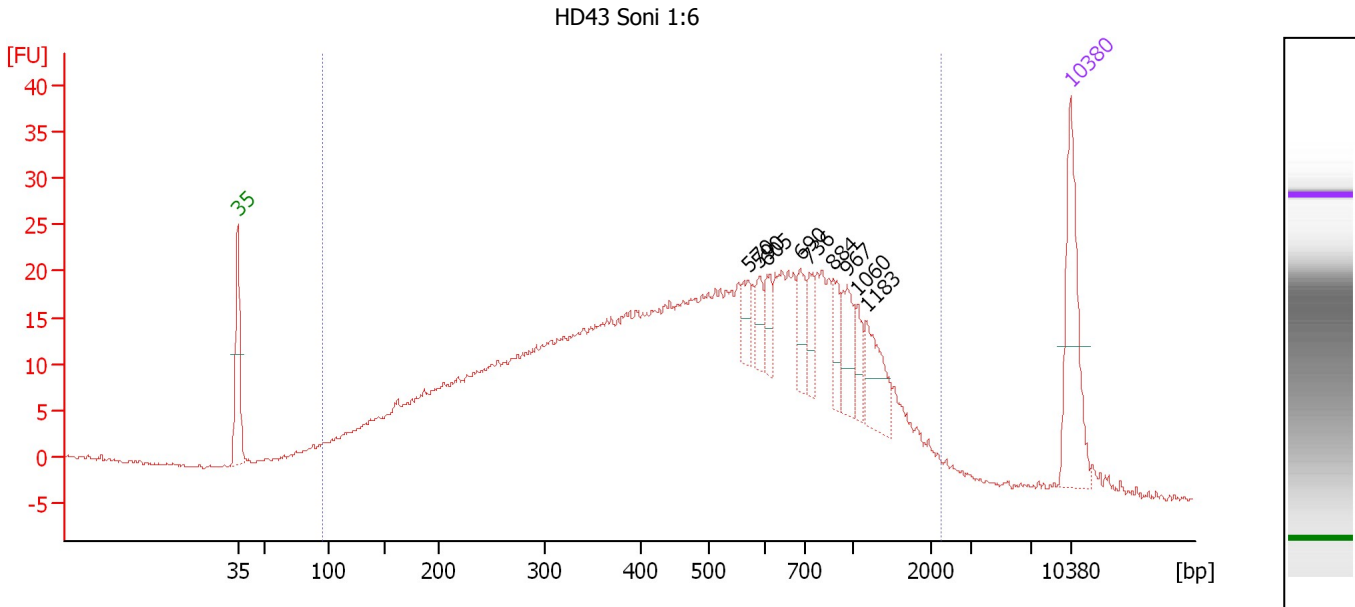
Region table for sample 9 : HD42 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
95	1,465	439	12,120.1	2,320.94	1,108.4	96	53.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : HD43 Soni 1:6

Number of peaks found: 9 Corr. Area 1: 944.7
 Noise: 0.2

Peak table for sample 10 : HD43 Soni 1:6

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	85.93	570	18.81	50.0	
3	86.87	590	17.95	46.1	
4	87.50	605	18.79	47.1	
5	90.28	690	27.61	60.6	
6	91.09	736	20.57	42.4	
7	93.10	884	22.31	38.2	
8	94.22	967	32.26	50.6	
9	95.07	1,060	16.41	23.5	
10	95.88	1,183	41.83	53.6	
11	113.00	10,380	75.00	10.9	Upper Marker

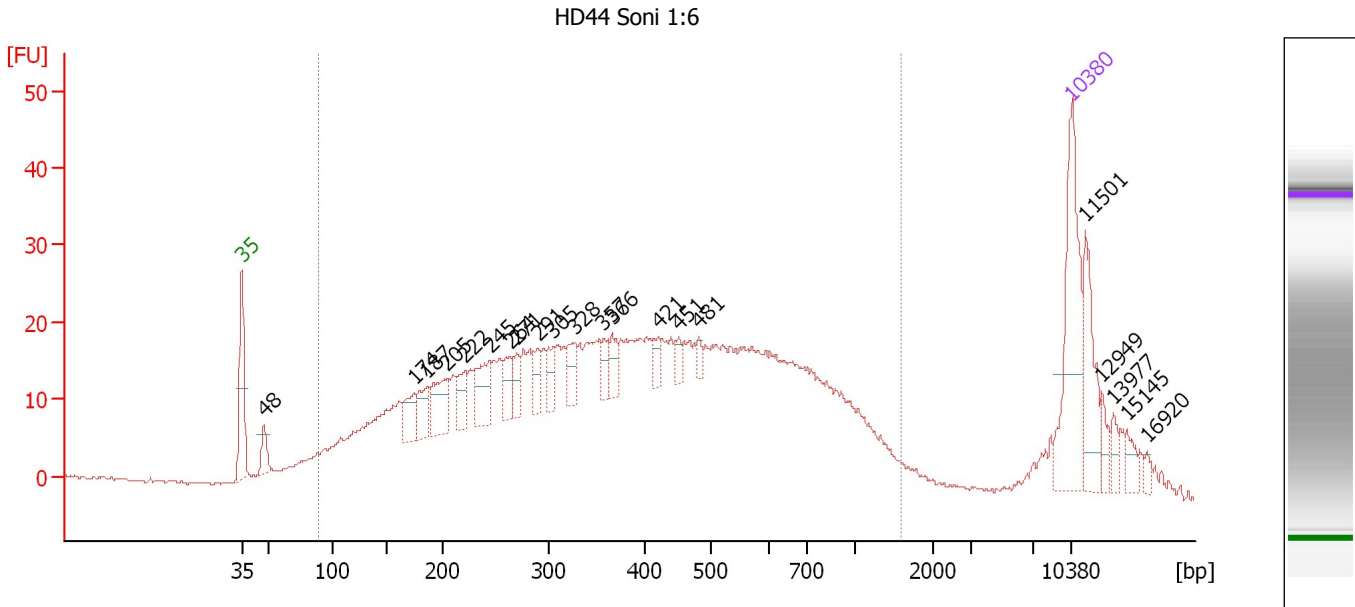
Region table for sample 10 : HD43 Soni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
95	2,275	570	10,860.5	2,408.68	944.7	97	64.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : HD44 Soni 1:6

Number of peaks found: 21 Corr. Area 1: 944.6
 Noise: 0.2

Peak table for sample 11 : HD44 Soni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.89	48	18.37	585.8	
3	57.48	174	26.09	227.0	
4	58.65	187	23.94	194.1	
5	60.26	205	39.61	293.2	
6	61.79	222	23.26	159.0	
7	63.91	245	38.41	237.3	
8	65.61	264	20.64	118.3	
9	66.20	271	14.75	82.5	
10	68.00	291	15.42	80.3	
11	69.21	305	17.88	88.9	
12	71.10	328	19.72	91.0	
13	73.48	357	12.23	51.8	
14	74.20	366	14.29	59.1	
15	78.11	421	9.11	32.8	
16	79.82	451	7.13	24.0	
17	81.53	481	5.84	18.4	
18	113.00	10,380	75.00	10.9	Upper Marker
19	114.08	11,501	0.00	0.0	
20	115.47	12,949	0.00	0.0	
21	116.46	13,977	0.00	0.0	
22	117.59	15,145	0.00	0.0	
23	119.29	16,920	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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Electropherogram Summary Continued ...

... Region table for sample 11 : **HD44 Soni 1:6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
89	1,588	440	9,980.8	1,849.18	944.6	90	57.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-20\2013-12-20_001.xad

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