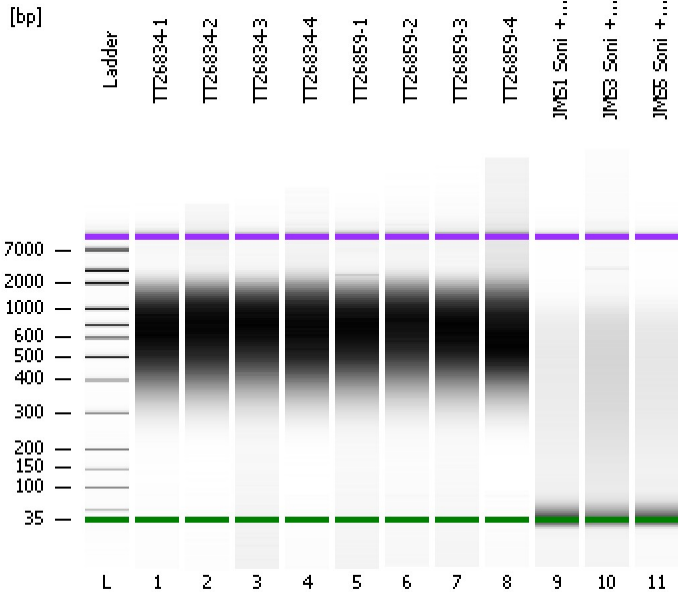


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
Modified: 4/2/2014 1:19:17 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

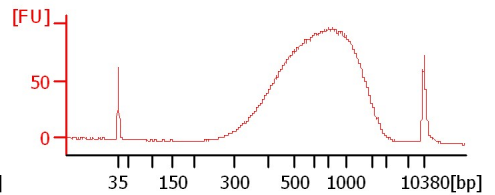
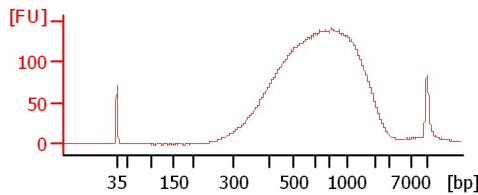
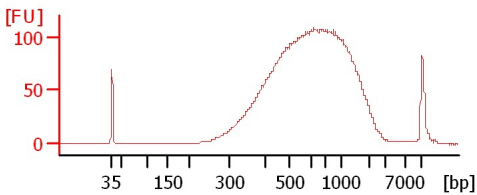
Chip Information:

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

TT26834-1

TT26834-2

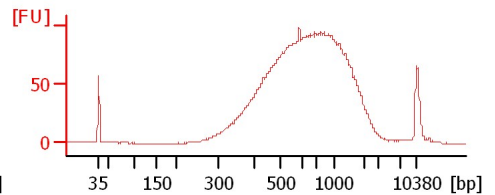
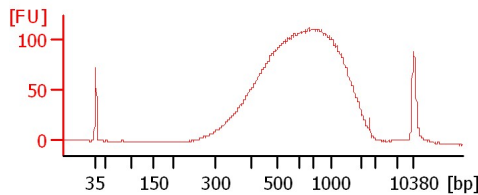
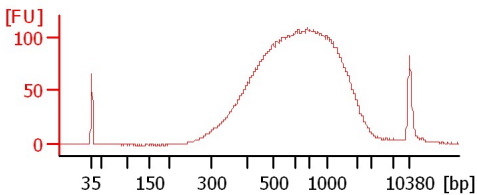
TT26834-3



TT26834-4

TT26859-1

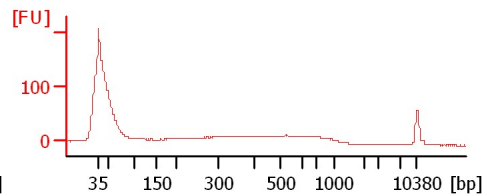
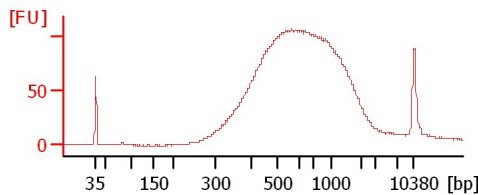
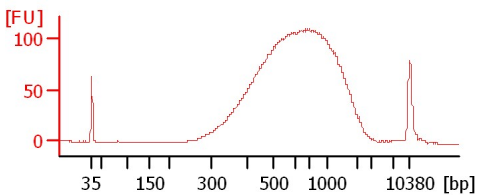
TT26859-2



TT26859-3

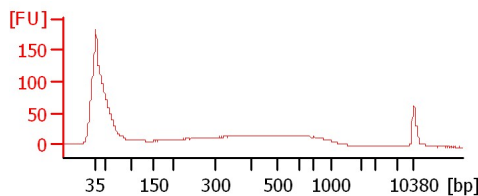
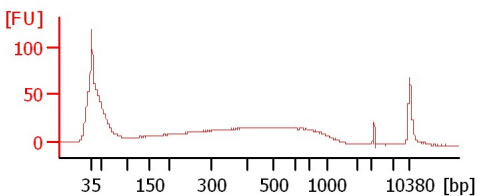
TT26859-4

JMS1 Soni +3cyc



JMS3 Soni +3cyc

JMS5 Soni +3cyc



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
TT26834-1		<input type="checkbox"/>	✓			
TT26834-2		<input type="checkbox"/>	✓			
TT26834-3		<input type="checkbox"/>	✓			
TT26834-4		<input type="checkbox"/>	✓			
TT26859-1		<input type="checkbox"/>	✓			
TT26859-2		<input type="checkbox"/>	✓			
TT26859-3		<input type="checkbox"/>	✓			
TT26859-4		<input type="checkbox"/>	✓			
JMS1 Soni +3cyc		<input type="checkbox"/>	✓			
JMS3 Soni +3cyc		<input type="checkbox"/>	✓			
JMS5 Soni +3cyc		<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\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
Modified: 4/2/2014 1:19:17 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

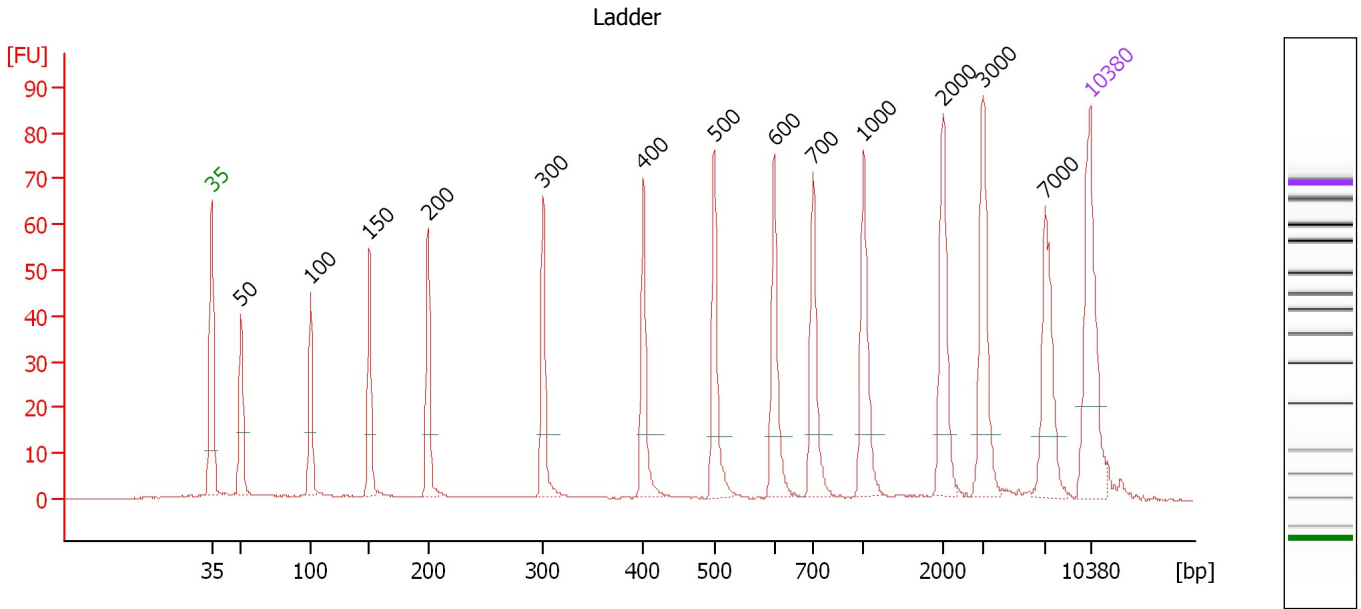
**Ladder**

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\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

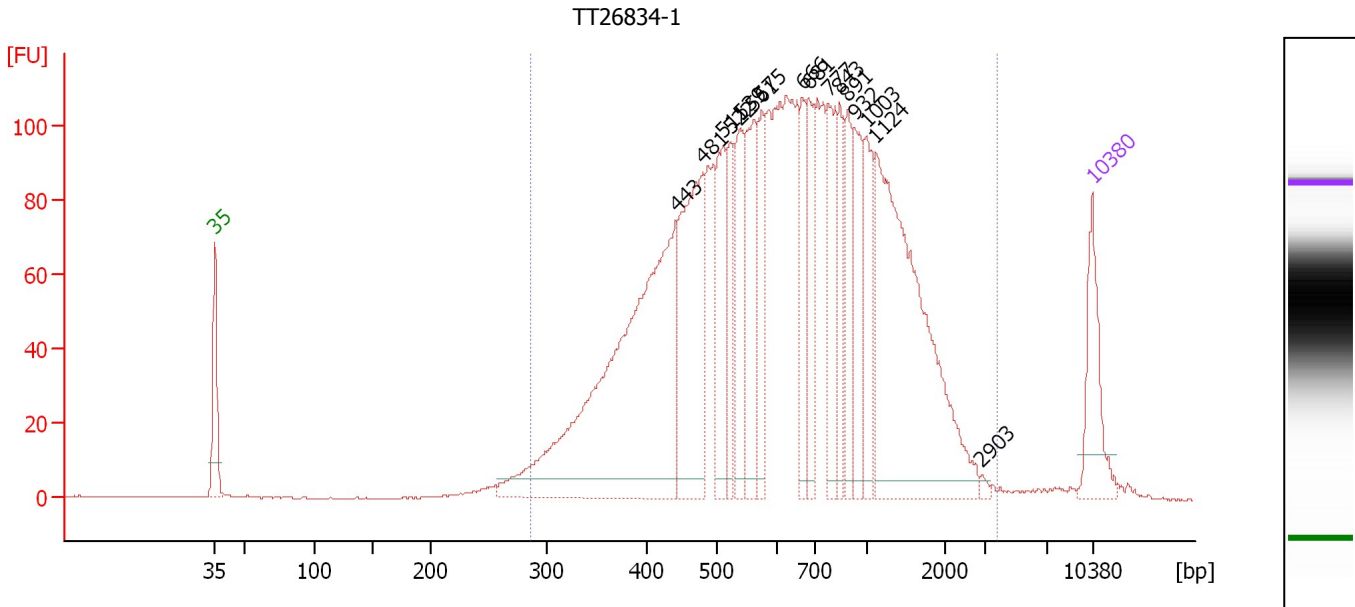
**Peak table for Ladder**

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	45.34	50	150.00	4,545.5	Ladder Peak
3	50.90	100	150.00	2,272.7	Ladder Peak
4	55.57	150	150.00	1,515.2	Ladder Peak
5	60.25	200	150.00	1,136.4	Ladder Peak
6	69.42	300	150.00	757.6	Ladder Peak
7	77.41	400	150.00	568.2	Ladder Peak
8	83.05	500	150.00	454.5	Ladder Peak
9	87.81	600	150.00	378.8	Ladder Peak
10	90.91	700	150.00	324.7	Ladder Peak
11	94.95	1,000	150.00	227.3	Ladder Peak
12	101.28	2,000	150.00	113.6	Ladder Peak
13	104.46	3,000	150.00	75.8	Ladder Peak
14	109.39	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\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : TT26834-1**

Number of peaks found: 16                      Corr. Area 1: 2,872.1  
 Noise: 0.2

**Peak table for sample 1 : TT26834-1**

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	79.83	443	738.18	2,525.3	
3	81.96	481	280.81	885.4	
4	83.57	511	124.05	367.9	
5	84.12	522	87.47	253.7	
6	84.93	539	119.28	335.0	
7	85.95	561	124.02	335.0	
8	86.63	575	87.36	230.1	
9	89.87	666	81.57	185.5	
10	90.33	681	94.26	209.6	
11	91.95	777	112.54	219.4	
12	92.84	843	78.88	141.7	
13	93.48	891	80.81	137.4	
14	94.03	932	101.34	164.8	
15	94.97	1,003	89.33	134.9	
16	95.73	1,124	460.55	620.7	
17	104.15	2,903	4.11	2.1	
18	113.00	10,380	75.00	10.9	Upper Marker

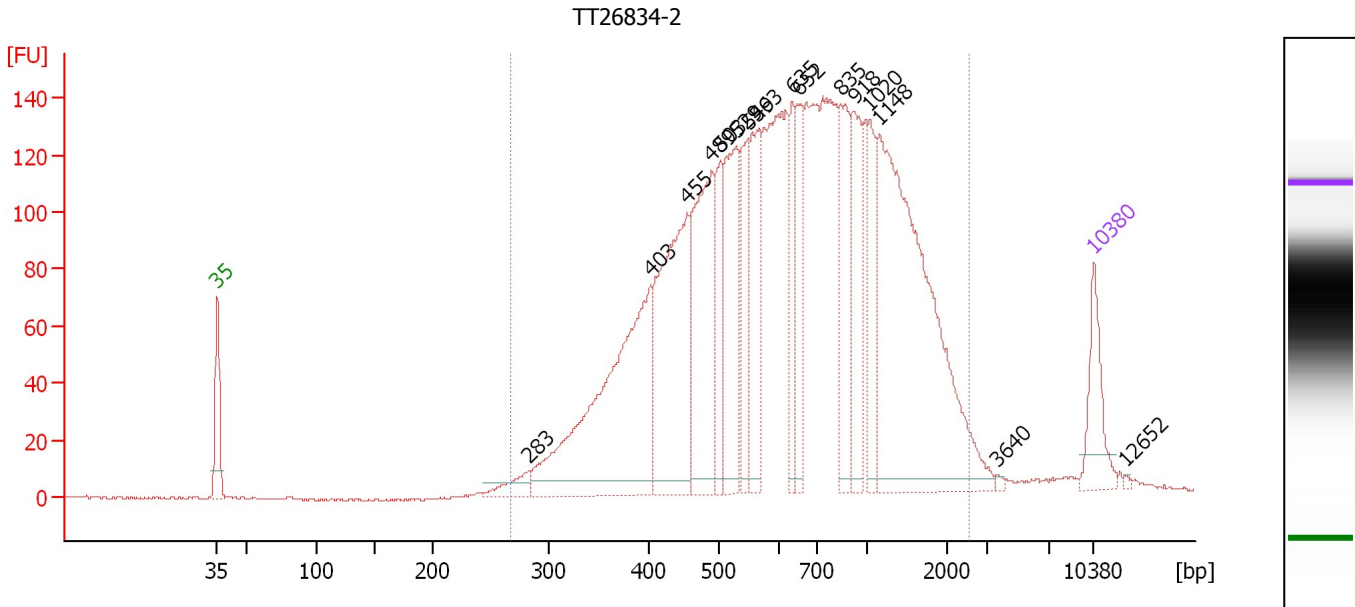
**Region table for sample 1 : TT26834-1**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
286	3,707	771	8,947.6	3,398.40	2,872.1	98	57.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : TT26834-2**

Number of peaks found: 16                      Corr. Area 1: 3,649.4  
 Noise: 0.2

**Peak table for sample 2 : TT26834-2**

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	67.87	283	40.32	215.8	
3	77.57	403	589.03	2,214.6	
4	80.51	455	425.97	1,418.5	
5	82.43	489	327.18	1,013.9	
6	83.19	503	116.77	351.8	
7	84.43	529	233.02	667.5	
8	85.41	549	131.53	362.7	
9	86.05	563	179.31	482.6	
10	88.90	635	103.03	245.8	
11	89.41	652	120.04	279.1	
12	92.73	835	168.98	306.5	
13	93.84	918	150.57	248.6	
14	95.07	1,020	106.89	158.8	
15	95.88	1,148	673.45	889.0	
16	105.25	3,640	4.16	1.7	
17	113.00	10,380	75.00	10.9	Upper Marker
18	115.43	12,652	0.00	0.0	

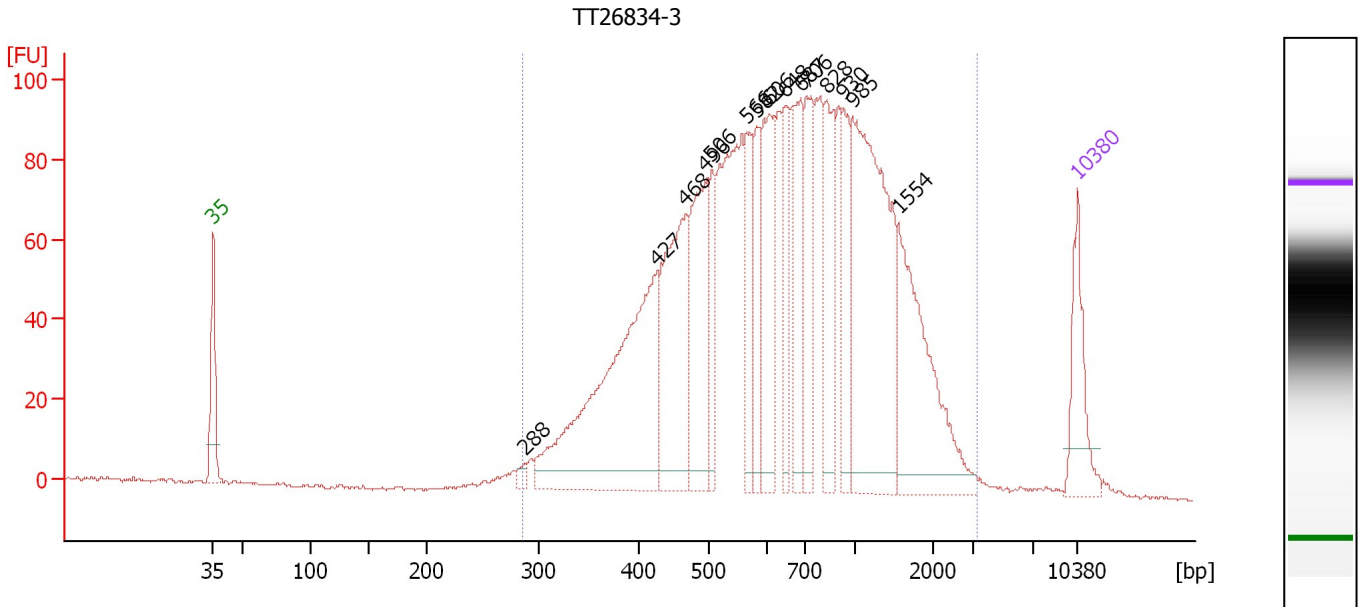
**Region table for sample 2 : TT26834-2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
267	2,543	784	11,254.3	4,331.98	3,649.4	98	55.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : TT26834-3**

Number of peaks found: 15                      Corr. Area 1: 2,519.2  
 Noise: 0.4

**Peak table for sample 3 : TT26834-3**

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	68.29	288	10.68	56.3	
3	78.91	427	516.41	1,834.3	
4	81.24	468	276.38	895.1	
5	82.83	496	211.79	646.8	
6	83.35	506	78.55	235.1	
7	86.20	566	99.62	266.6	
8	86.98	582	86.34	224.6	
9	88.01	606	167.09	417.4	
10	89.31	648	89.70	209.7	
11	90.52	687	117.05	258.1	
12	90.99	706	124.56	267.4	
13	92.63	828	131.49	240.7	
14	94.01	930	88.45	144.1	
15	94.74	985	405.32	623.5	
16	98.46	1,554	236.25	230.3	
17	113.00	10,380	75.00	10.9	Upper Marker

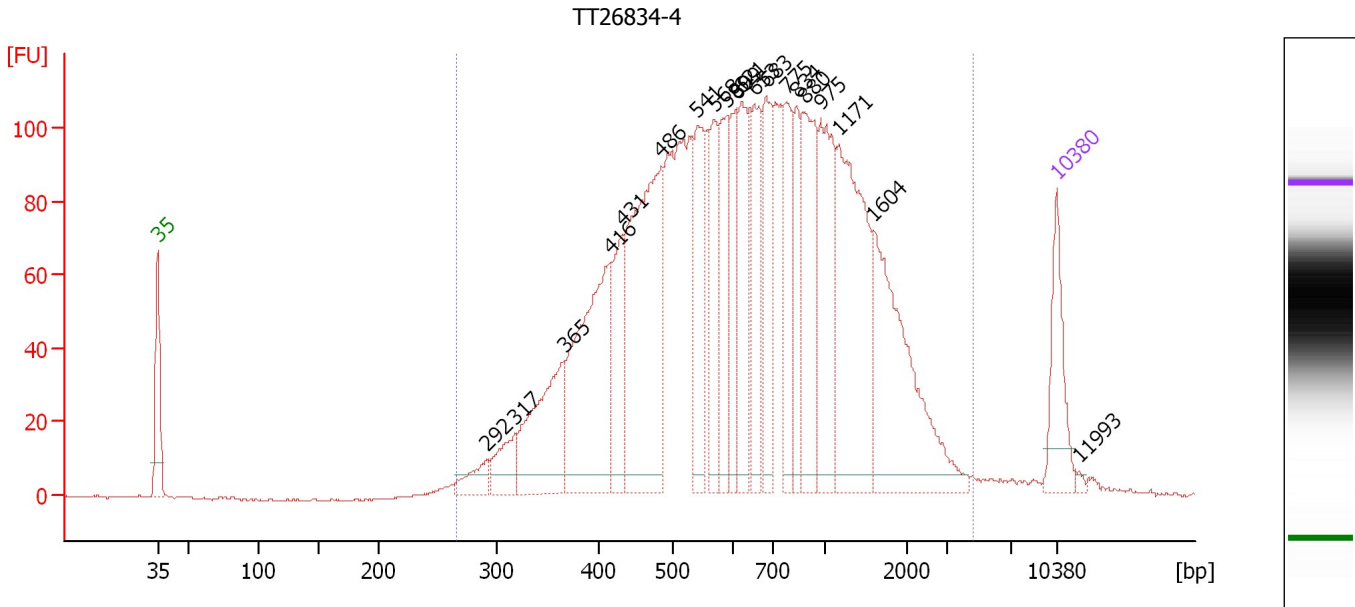
**Region table for sample 3 : TT26834-3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
284	3,273	805	8,401.2	3,311.86	2,519.2	98	57.1

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : TT26834-4**

Number of peaks found: 20      Corr. Area 1: 2,938.9  
 Noise: 0.3

**Peak table for sample 4 : TT26834-4**

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	68.68	292	38.43	199.5	
3	70.80	317	60.21	287.6	
4	74.64	365	186.30	772.5	
5	78.31	416	324.88	1,183.3	
6	79.15	431	114.34	402.1	
7	82.24	486	412.12	1,285.8	
8	85.03	541	142.97	400.1	
9	86.31	568	112.88	300.9	
10	87.28	589	117.55	302.5	
11	88.08	609	91.47	227.8	
12	88.47	621	132.85	324.0	
13	89.45	653	119.80	278.1	
14	90.37	683	115.23	255.8	
15	91.92	775	122.05	238.6	
16	92.72	834	79.55	144.5	
17	93.33	880	175.16	301.6	
18	94.62	975	170.08	264.2	
19	96.03	1,171	283.53	366.8	
20	98.77	1,604	252.08	238.1	
21	113.00	10,380	75.00	10.9	Upper Marker
22	114.72	11,993	0.00	0.0	




Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**

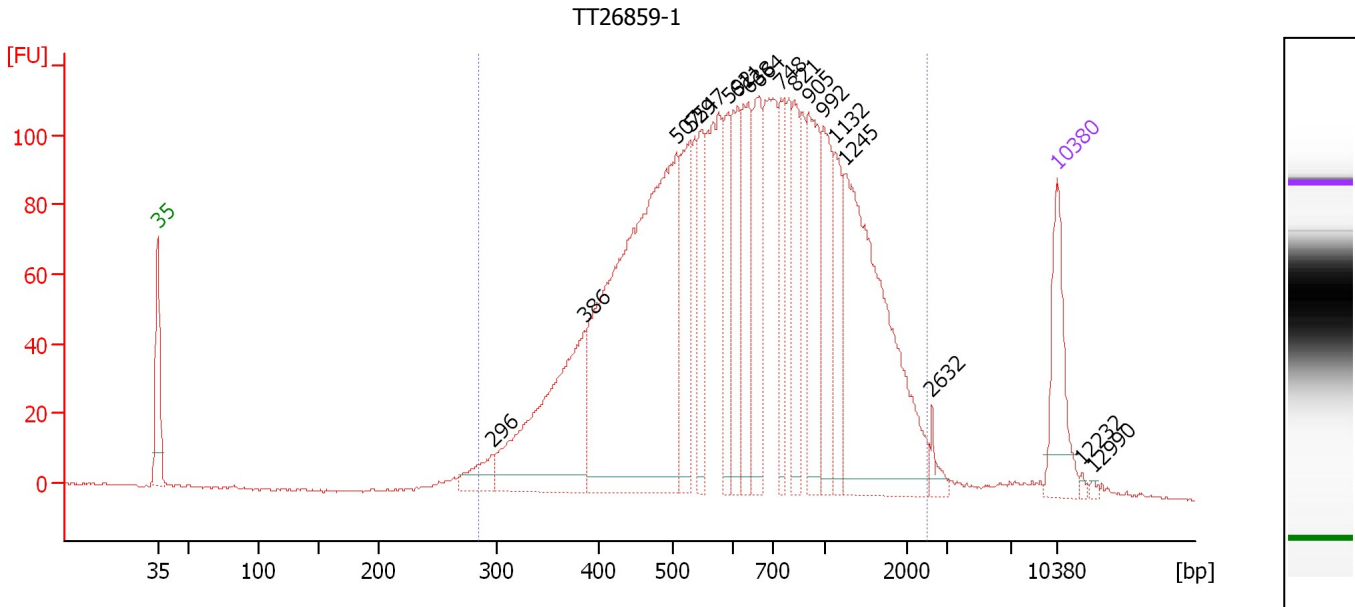
... Region table for sample 4 : TT26834-4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
266	4,704	819	9,474.1	3,644.99	 2,938.9	99	64.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : TT26859-1**

Number of peaks found: 18                      Corr. Area 1: 2,902.6  
 Noise: 0.4

**Peak table for sample 5 : TT26859-1**

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	69.03	296	39.26	201.1	
3	76.27	386	293.89	1,154.3	
4	83.37	507	744.02	2,224.9	
5	84.45	529	120.08	343.7	
6	85.31	547	79.33	219.6	
7	87.42	592	77.89	199.4	
8	88.14	611	101.73	252.5	
9	88.99	638	115.32	273.8	
10	89.80	664	117.29	267.6	
11	91.55	748	78.53	159.1	
12	92.54	821	85.48	157.7	
13	93.67	905	135.53	226.9	
14	94.84	992	104.40	159.5	
15	95.78	1,132	68.98	92.4	
16	96.50	1,245	356.90	434.2	
17	103.29	2,632	13.19	7.6	
18	113.00	10,380	75.00	10.9	Upper Marker
19	114.98	12,232	0.00	0.0	
20	115.79	12,990	0.00	0.0	

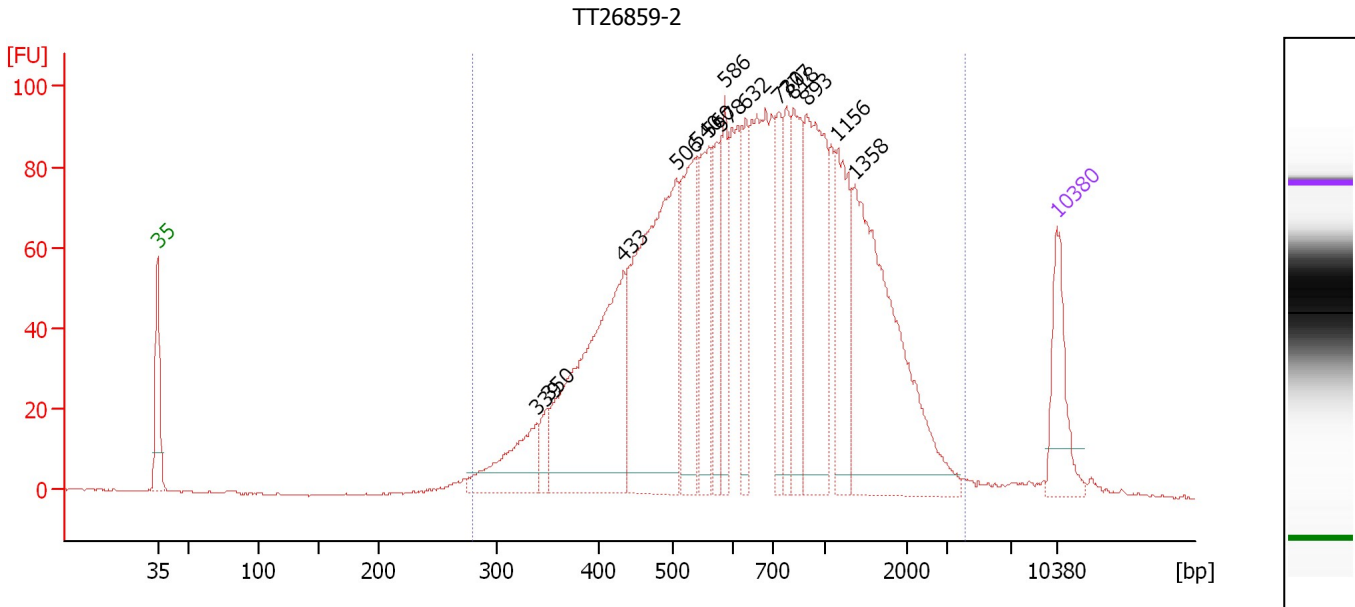
**Region table for sample 5 : TT26859-1**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
285	2,510	772	7,943.7	3,062.97	2,902.6	97	54.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : TT26859-2**

Number of peaks found: 15                      Corr. Area 1: 2,434.0  
 Noise: 0.3

**Peak table for sample 6 : TT26859-2**

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	72.56	339	115.02	513.7	
3	73.38	350	32.35	140.2	
4	79.28	433	409.39	1,431.9	
5	83.35	506	487.87	1,460.1	
6	84.95	540	185.07	519.3	
7	85.92	560	131.82	356.6	
8	86.78	578	93.98	246.2	
9	87.15	586	84.93	219.6	
10	88.80	632	83.28	199.7	
11	91.31	730	91.16	189.2	
12	91.95	777	82.72	161.2	
13	92.50	818	135.46	250.8	
14	93.51	893	245.63	416.7	
15	95.93	1,156	130.42	171.0	
16	97.22	1,358	375.03	418.3	
17	113.00	10,380	75.00	10.9	Upper Marker

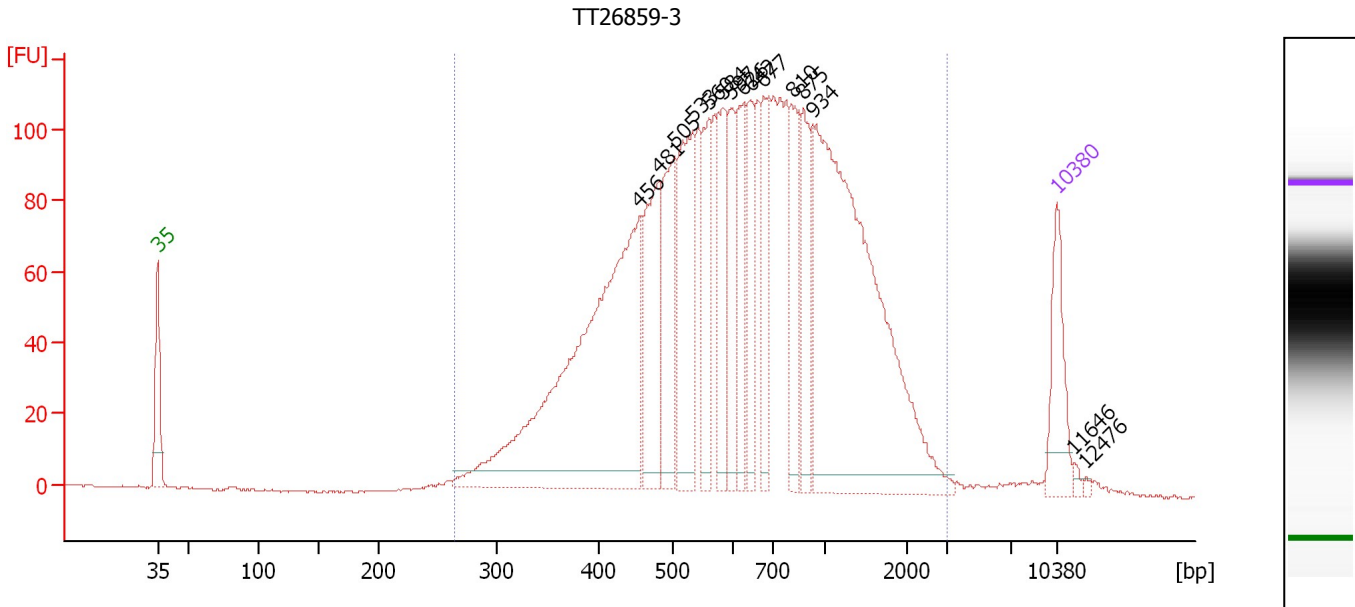
**Region table for sample 6 : TT26859-2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
279	4,116	829	8,111.4	3,219.98	2,434.0	98	60.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : TT26859-3**

Number of peaks found: 15                      Corr. Area 1: 2,821.8  
 Noise: 0.3

**Peak table for sample 7 : TT26859-3**

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	80.54	456	730.06	2,428.4	
3	81.99	481	177.52	559.1	
4	83.29	505	157.81	473.5	
5	84.65	533	204.64	581.2	
6	85.90	560	110.16	298.1	
7	87.07	584	117.25	304.0	
8	87.68	597	95.09	241.3	
9	88.61	626	102.82	249.0	
10	89.12	642	90.22	212.8	
11	90.20	677	105.65	236.5	
12	92.39	810	109.64	205.2	
13	93.27	875	102.84	178.0	
14	94.07	934	682.77	1,107.1	
15	113.00	10,380	75.00	10.9	Upper Marker
16	114.35	11,646	0.00	0.0	
17	115.24	12,476	0.00	0.0	

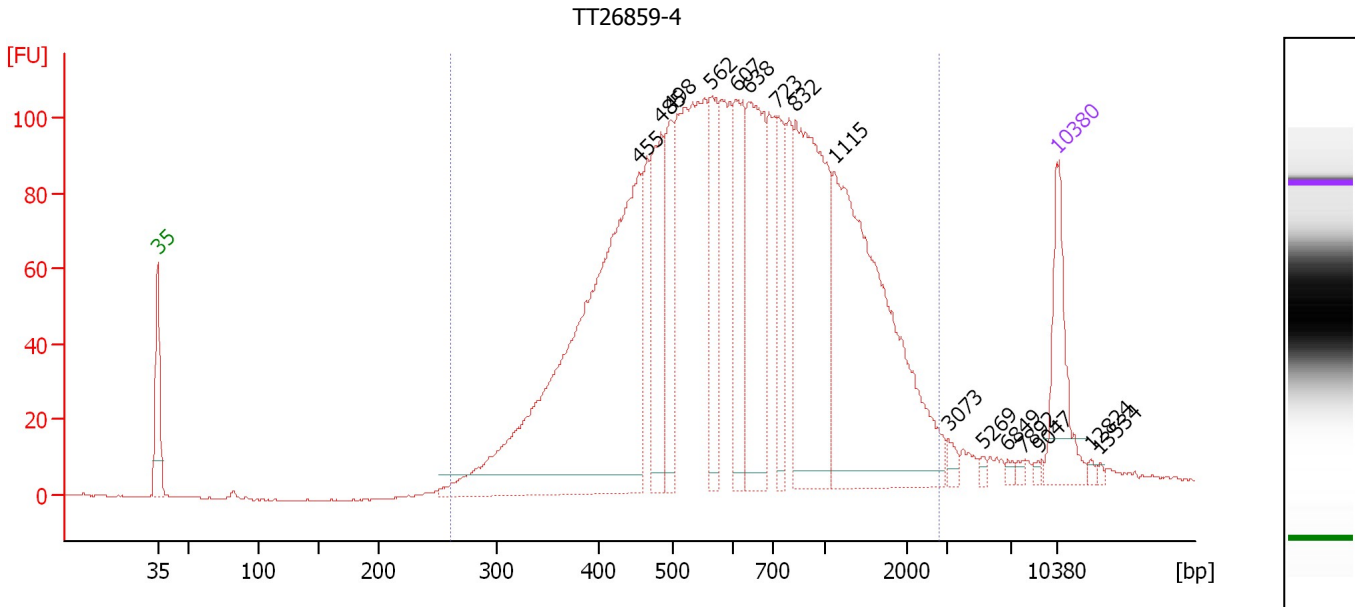
**Region table for sample 7 : TT26859-3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
263	3,000	773	8,800.3	3,369.72	2,821.8	98	56.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : TT26859-4**

Number of peaks found: 16      Corr. Area 1: 2,739.3  
 Noise: 0.2

**Peak table for sample 8 : TT26859-4**

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	80.54	455	755.45	2,513.1	
3	82.20	485	142.75	446.1	
4	82.96	498	103.57	314.9	
5	86.00	562	107.33	289.5	
6	88.04	607	129.76	323.7	
7	88.99	638	198.33	471.1	
8	91.22	723	78.55	164.7	
9	92.69	832	304.09	553.8	
10	95.68	1,115	428.86	582.6	
11	104.55	3,073	8.88	4.4	
12	107.26	5,269	4.14	1.2	
13	109.20	6,849	4.19	0.9	
14	110.34	7,892	3.59	0.7	
15	111.58	9,047	3.33	0.6	
16	113.00	10,380	75.00	10.9	Upper Marker
17	115.61	12,824	0.00	0.0	
18	116.37	13,534	0.00	0.0	

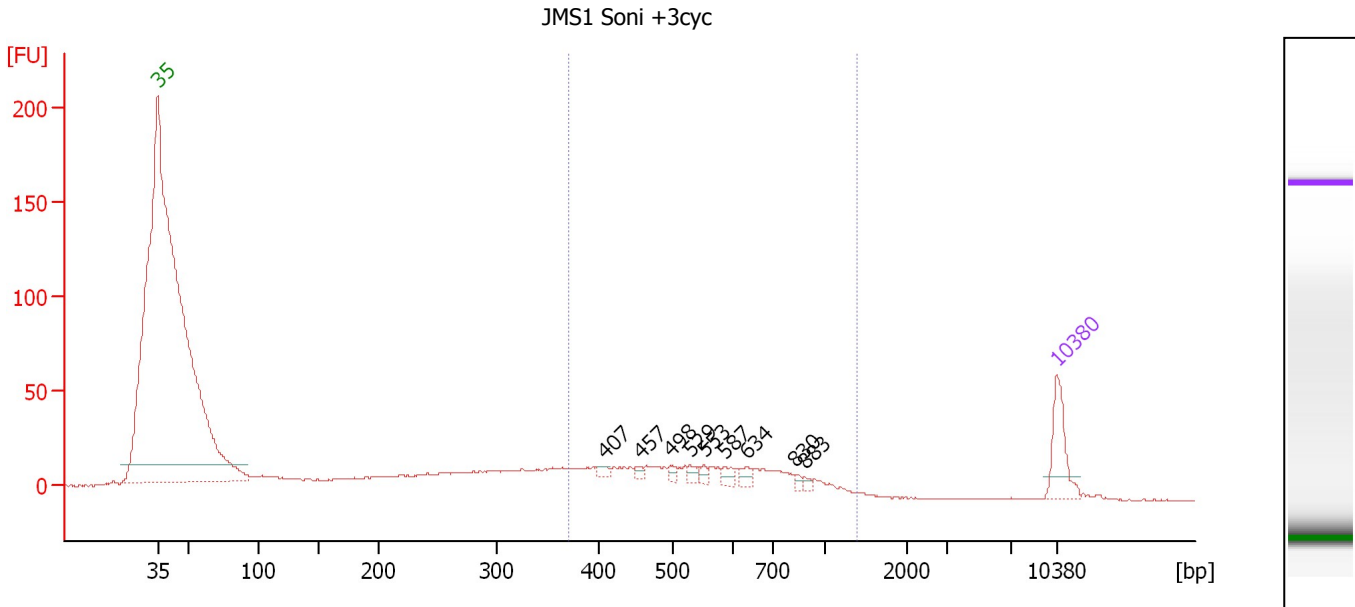
**Region table for sample 8 : TT26859-4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
261	2,827	770	7,815.0	2,943.63	2,739.3	97	59.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : JMS1 Soni +3cyc**

Number of peaks found: 9                      Corr. Area 1: 310.6  
 Noise: 0.2

**Peak table for sample 9 : JMS1 Soni +3cyc**

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	77.78	407	10.41	38.8	
3	80.61	457	9.85	32.7	
4	82.92	498	11.00	33.5	
5	84.45	529	14.00	40.1	
6	85.56	553	12.23	33.5	
7	87.19	587	16.06	41.5	
8	88.87	634	16.65	39.8	
9	92.66	830	7.78	14.2	
10	93.38	883	7.56	13.0	
11	113.00	10,380	75.00	10.9	Upper Marker

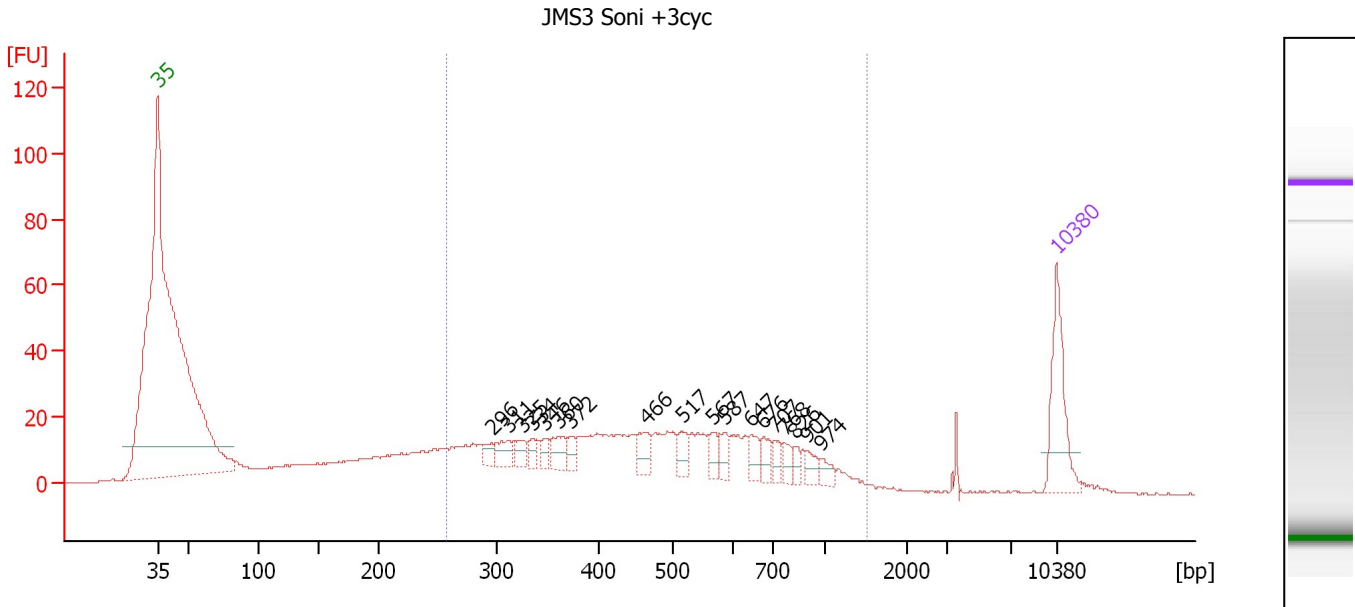
**Region table for sample 9 : JMS1 Soni +3cyc**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
370	1,388	580	1,373.5	474.57	310.6	50	31.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : JMS3 Soni +3cyc**

Number of peaks found: 18                      Corr. Area 1: 574.1  
 Noise: 0.2

**Peak table for sample 10 : JMS3 Soni +3cyc**

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	69.01	296	14.04	72.0	
3	70.32	311	25.49	124.1	
4	71.44	325	18.28	85.1	
5	72.16	334	14.24	64.5	
6	73.13	346	14.46	63.2	
7	74.20	360	27.78	117.0	
8	75.17	372	17.45	71.1	
9	81.12	466	30.01	97.6	
10	83.89	517	21.92	64.2	
11	86.26	567	17.59	47.0	
12	87.18	587	18.31	47.3	
13	89.26	647	19.93	46.7	
14	90.18	676	18.99	42.5	
15	91.01	707	15.23	32.6	
16	91.83	768	16.58	32.7	
17	92.61	826	10.73	19.7	
18	93.62	901	14.79	24.9	
19	94.59	974	12.29	19.1	
20	113.00	10,380	75.00	10.9	Upper Marker

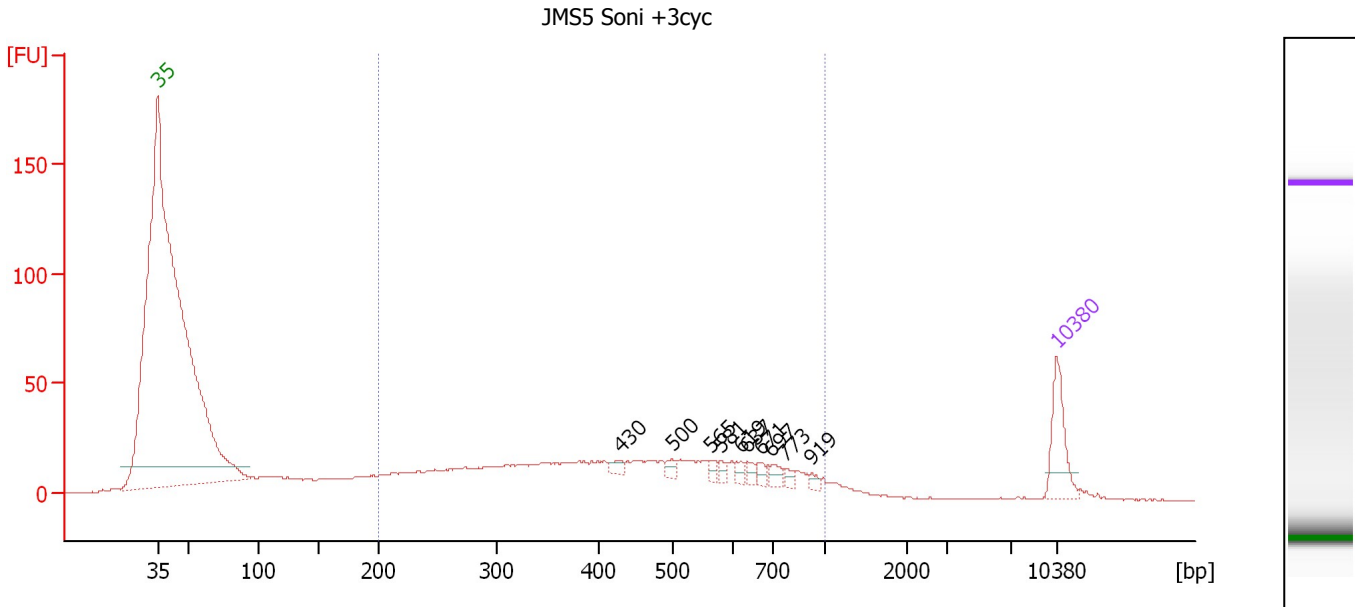
**Region table for sample 10 : JMS3 Soni +3cyc**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
257	1,507	514	3,323.7	926.71	574.1	71	42.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : JMS5 Soni +3cyc**

Number of peaks found: 10                      Corr. Area 1: 621.5  
 Noise: 0.2

**Peak table for sample 11 : JMS5 Soni +3cyc**

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	79.08	430	15.26	53.8	
3	83.06	500	14.79	44.8	
4	86.15	565	12.26	32.9	
5	86.88	581	12.11	31.6	
6	88.41	619	11.63	28.5	
7	88.95	637	12.41	29.5	
8	90.03	671	14.76	33.3	
9	90.81	697	19.29	41.9	
10	91.89	773	10.02	19.6	
11	93.86	919	9.09	15.0	
12	113.00	10,380	75.00	10.9	Upper Marker

**Region table for sample 11 : JMS5 Soni +3cyc**

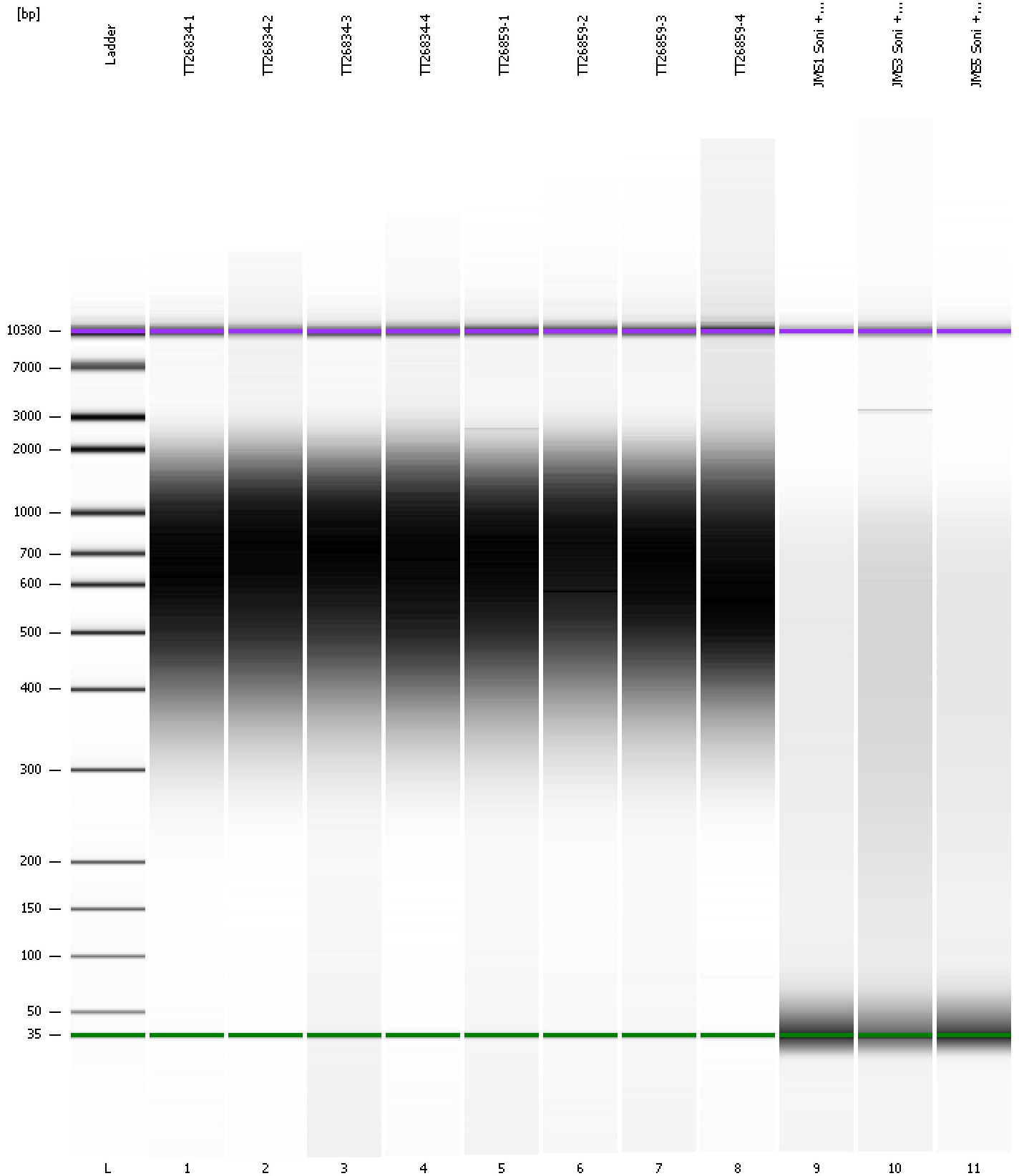
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
200	1,000	457	4,321.4	1,053.70	621.5	79	39.1



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
Modified: 4/2/2014 1:19:17 PM

**Gel Image**

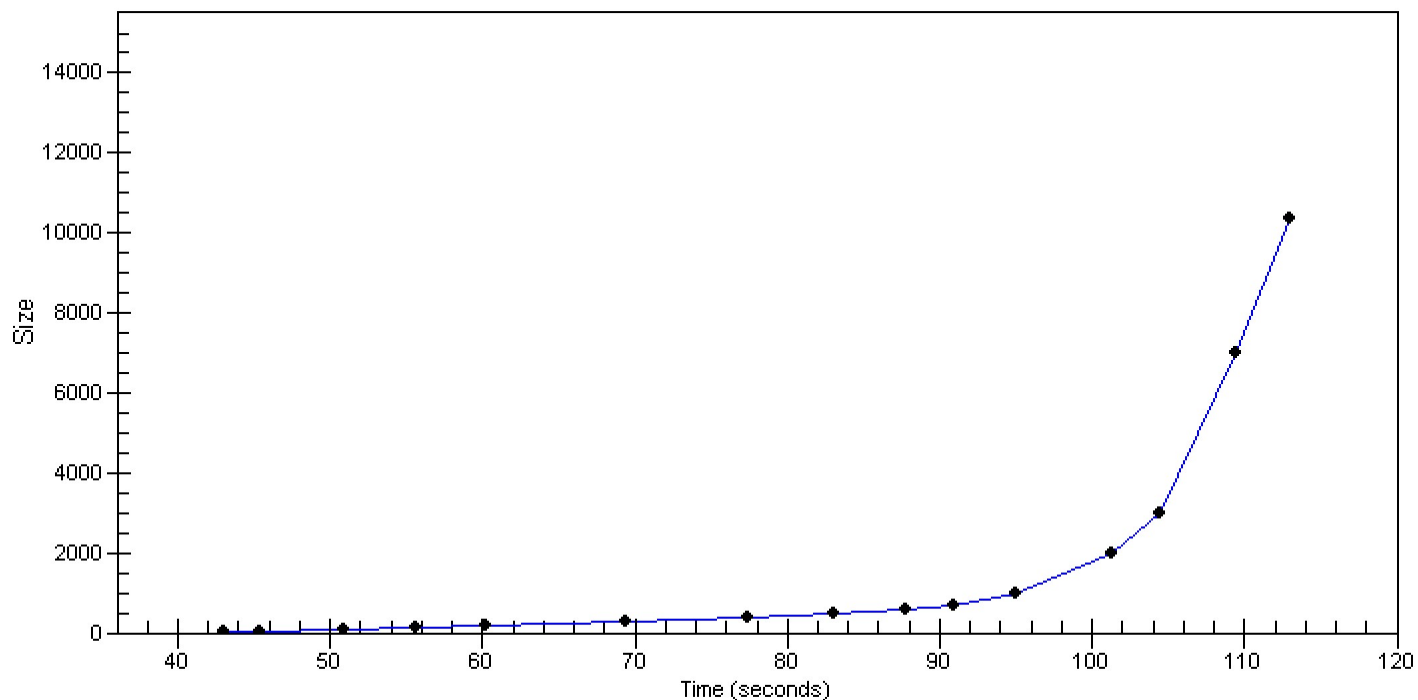


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
Modified: 4/2/2014 1:19:17 PM

**Curves**

**Standard Curve**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-04-02\2014-04-02\_007.xad

Created: 4/2/2014 12:21:11 PM  
 Modified: 4/2/2014 1:19:17 PM

**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		4/2/2014 1:02:24 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-04-02\2014-04-02_007.xad)		Instrument	Run		4/2/2014 12:21:12 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		4/2/2014 12:21:12 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		4/2/2014 12:21:12 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		4/2/2014 12:21:12 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		4/2/2014 12:21:12 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		4/2/2014 12:21:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		4/2/2014 12:21:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1