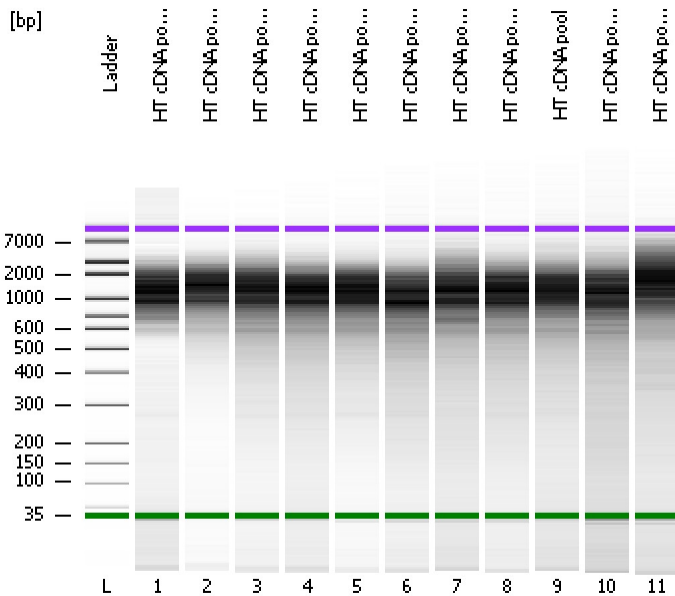


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
Modified: 11/18/2015 3:15:11 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

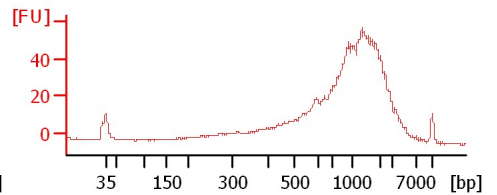
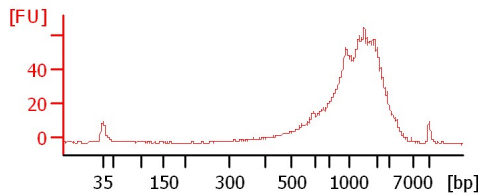
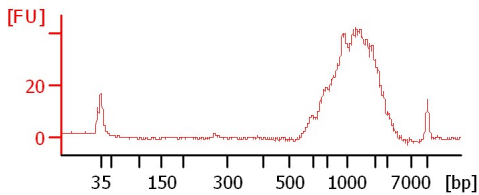
Chip Information:

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

HT cDNA pool 1

HT cDNA pool 2

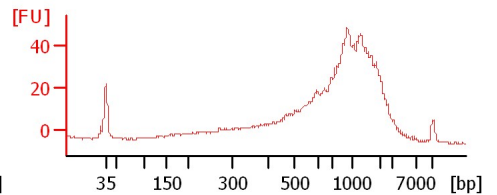
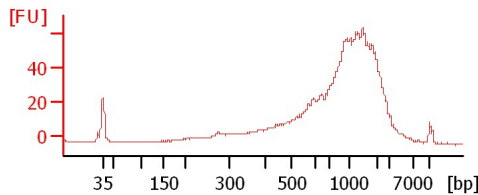
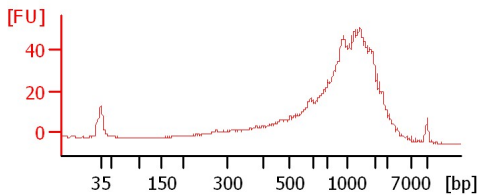
HT cDNA pool 3



HT cDNA pool 4

HT cDNA pool 5

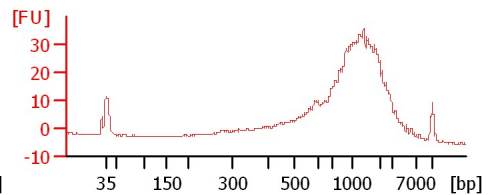
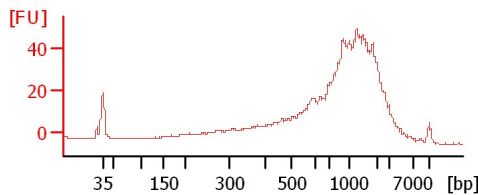
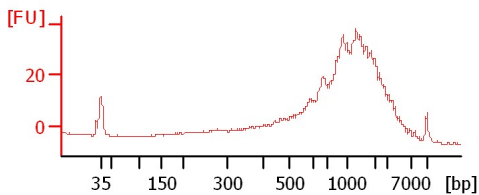
HT cDNA pool 6



HT cDNA pool 7

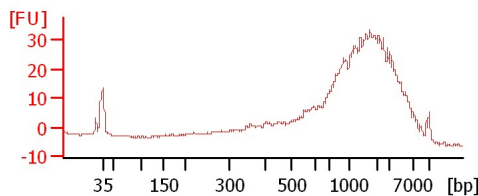
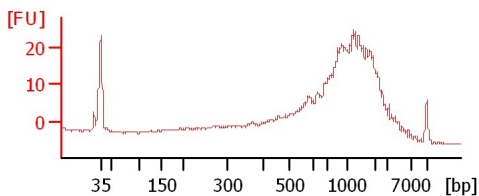
HT cDNA pool 8

HT cDNA pool



HT cDNA pool 10

HT cDNA pool 11



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
HT cDNA pool 1		<input type="checkbox"/>	✓			
HT cDNA pool 2		<input type="checkbox"/>	✓			
HT cDNA pool 3		<input type="checkbox"/>	✓			
HT cDNA pool 4		<input type="checkbox"/>	✓			
HT cDNA pool 5		<input type="checkbox"/>	✓			
HT cDNA pool 6		<input type="checkbox"/>	✓			
HT cDNA pool 7		<input type="checkbox"/>	✓			
HT cDNA pool 8		<input type="checkbox"/>	✓			
HT cDNA pool		<input type="checkbox"/>	✓			
HT cDNA pool 10		<input type="checkbox"/>	✓			
HT cDNA pool 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
Modified: 11/18/2015 3:15:11 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

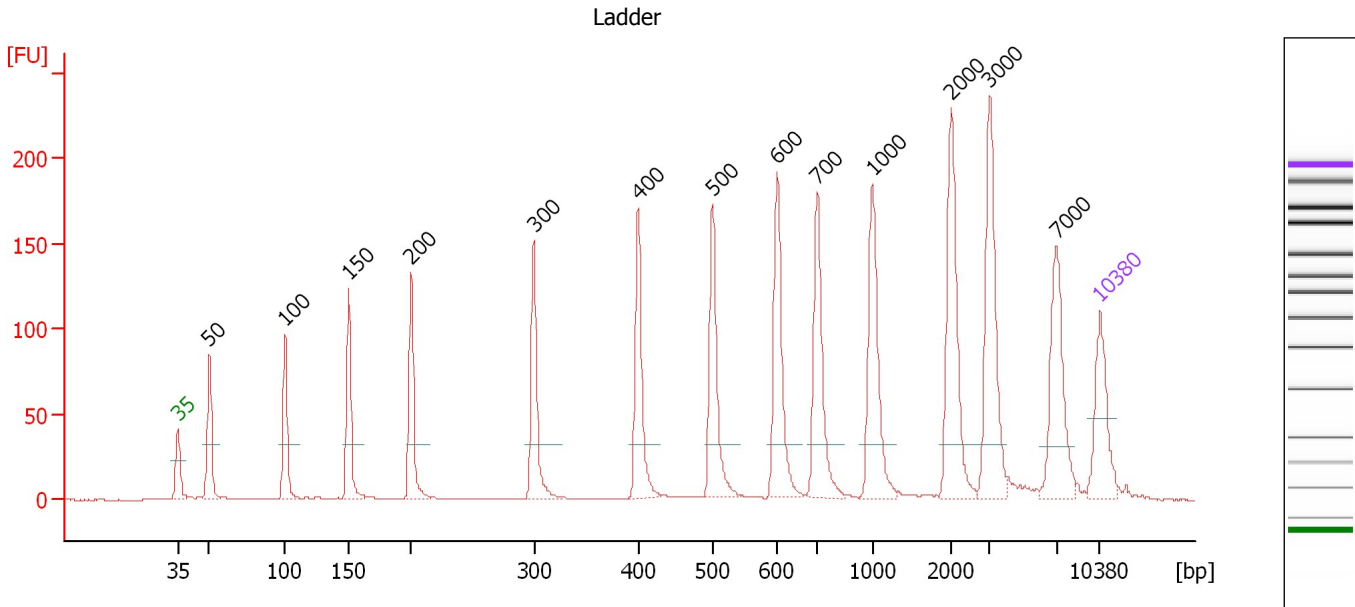
Ladder

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\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

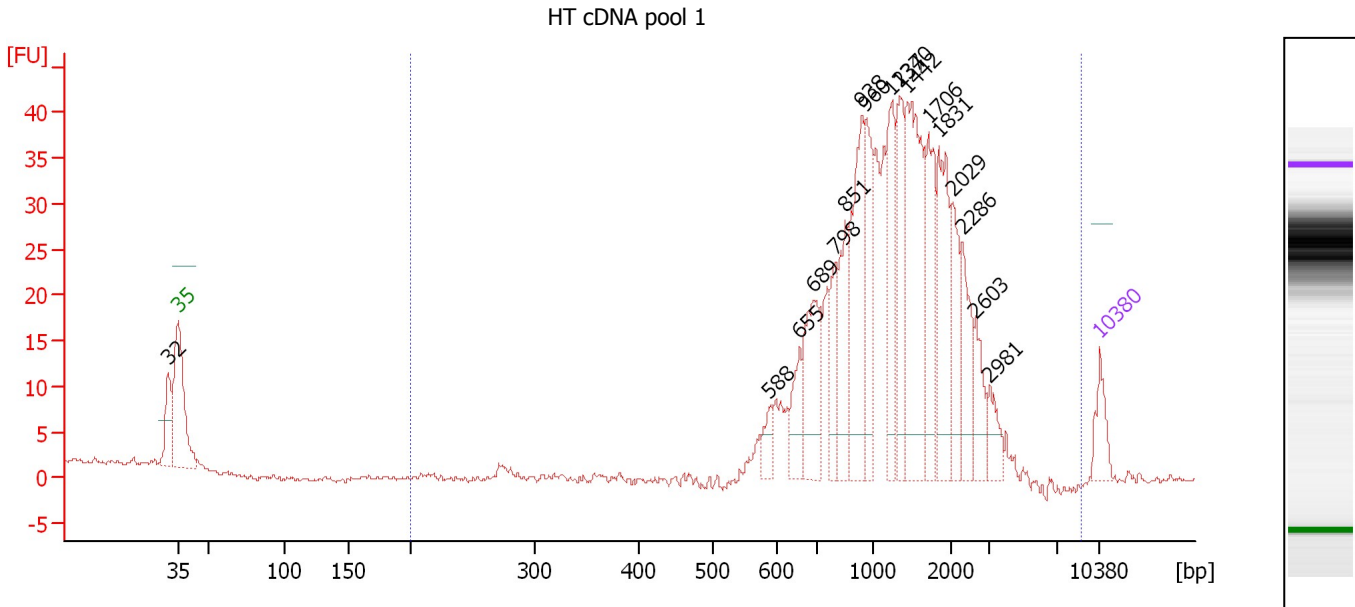
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.38
3	100	150.00	2,272.7	Ladder Peak	51.13
4	150	150.00	1,515.2	Ladder Peak	55.97
5	200	150.00	1,136.4	Ladder Peak	60.73
6	300	150.00	757.6	Ladder Peak	70.02
7	400	150.00	568.2	Ladder Peak	77.94
8	500	150.00	454.5	Ladder Peak	83.56
9	600	150.00	378.8	Ladder Peak	88.48
10	700	150.00	324.7	Ladder Peak	91.55
11	1,000	150.00	227.3	Ladder Peak	95.75
12	2,000	150.00	113.6	Ladder Peak	101.72
13	3,000	150.00	75.8	Ladder Peak	104.61
14	7,000	150.00	32.5	Ladder Peak	109.67
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : HT cDNA pool 1

Number of peaks found: 17 Corr. Area 1: 453.0
 Noise: 0.3

Peak table for sample 1 : HT cDNA pool 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.26
2	35	125.00	5,411.3	Lower Marker	43.00
3	588	64.33	165.8		87.89
4	655	126.24	292.2		90.16
5	689	285.89	628.8		91.21
6	798	162.26	308.2		92.92
7	851	202.77	361.1		93.66
8	938	393.06	634.6		94.89
9	960	233.46	368.3		95.19
10	1,237	243.33	298.1		97.16
11	1,340	232.26	262.7		97.78
12	1,442	518.47	544.7		98.39
13	1,706	227.75	202.2		99.96
14	1,831	279.31	231.1		100.71
15	2,029	170.09	127.0		101.80
16	2,286	157.86	104.6		102.54
17	2,603	104.59	60.9		103.46
18	2,981	74.58	37.9		104.56
19	10,380	75.00	10.9	Upper Marker	113.00

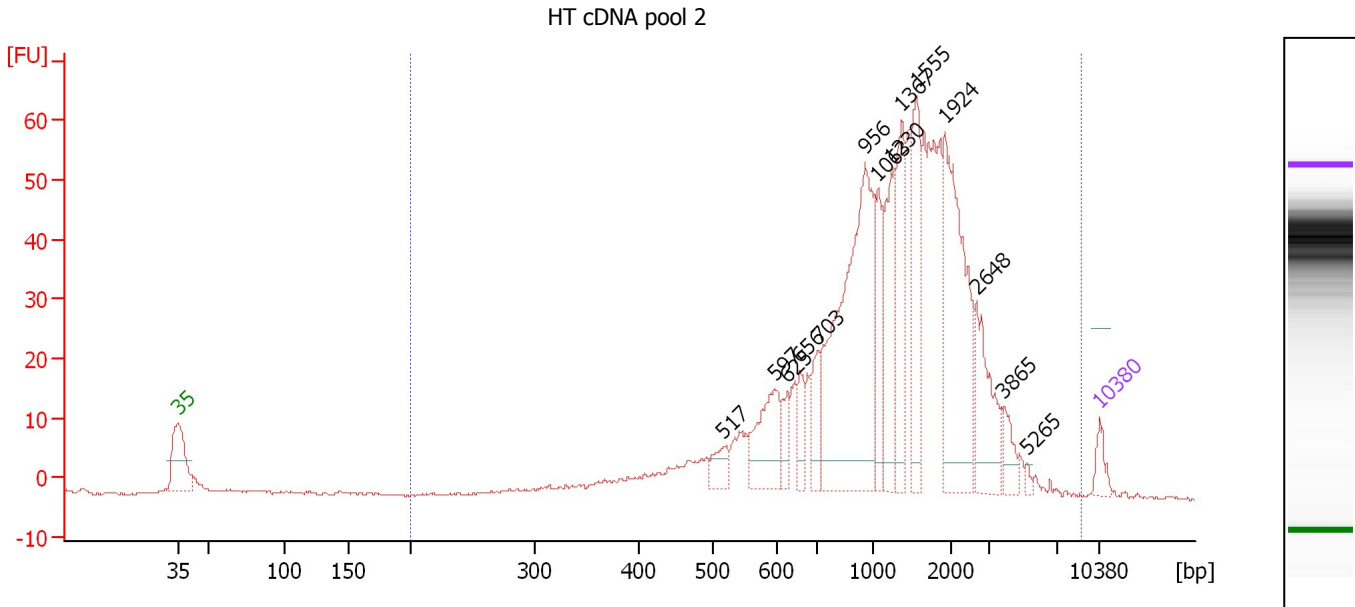
Region table for sample 1 : HT cDNA pool 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,400	453.0	5,131.6	3,841.63	98	45.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : HT cDNA pool 2

Number of peaks found: 14 Corr. Area 1: 815.0
 Noise: 0.2

Peak table for sample 2 : HT cDNA pool 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	517	136.22	399.3		84.39
3	597	434.08	1,102.5		88.31
4	625	124.10	300.7		89.26
5	656	161.48	372.8		90.21
6	703	214.66	462.8		91.59
7	956	1,787.69	2,833.3		95.13
8	1,063	326.79	465.7		96.13
9	1,230	488.98	602.5		97.12
10	1,367	499.34	553.5		97.94
11	1,555	518.54	505.2		99.06
12	1,924	1,038.77	818.1		101.26
13	2,648	398.03	227.8		103.59
14	3,865	112.02	43.9		105.71
15	5,265	20.41	5.9		107.48
16	10,380	75.00	10.9	Upper Marker	113.00

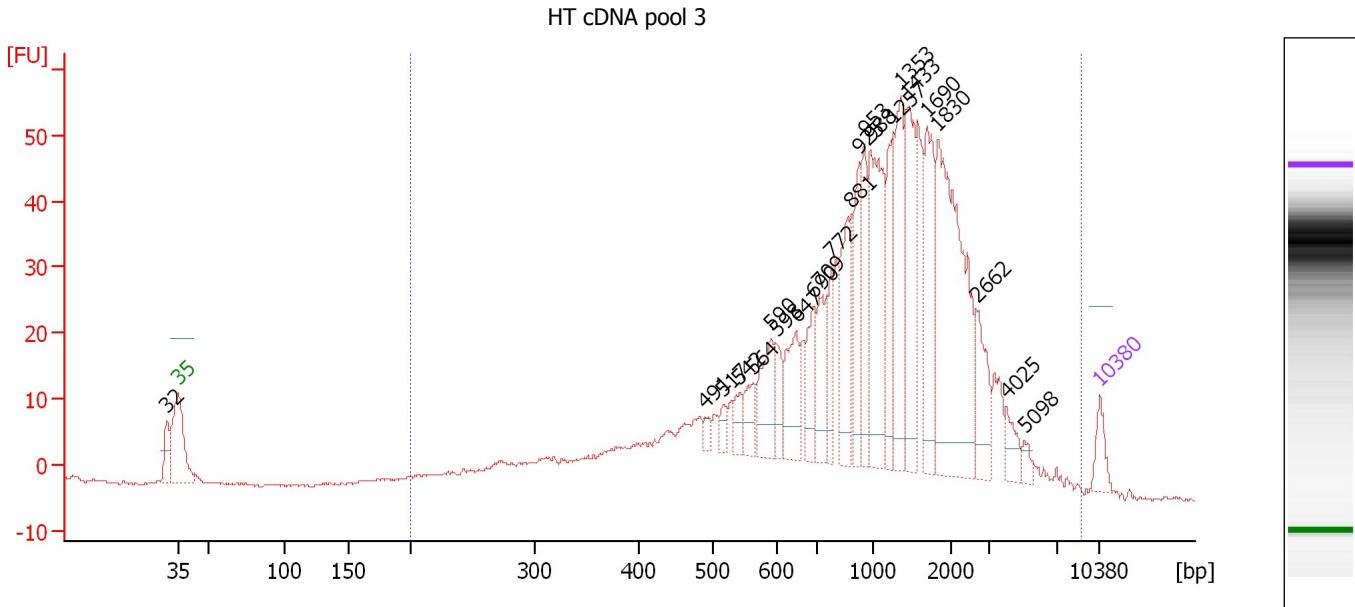
Region table for sample 2 : HT cDNA pool 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,489	815.0	12,326.1	8,429.30	100	61.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : HT cDNA pool 3

Number of peaks found: 23 Corr. Area 1: 901.9
 Noise: 0.3


Peak table for sample 3 : HT cDNA pool 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.12
2	35	125.00	5,411.3	Lower Marker	43.00
3	491	37.25	114.9		83.06
4	517	55.67	163.3		84.37
5	542	85.33	238.4		85.64
6	564	113.79	305.9		86.69
7	590	230.42	591.5		88.00
8	598	105.75	267.8		88.40
9	647	250.43	586.4		89.93
10	690	200.73	440.9		91.24
11	709	218.72	467.4		91.68
12	772	172.51	338.7		92.56
13	881	361.31	621.2		94.09
14	925	277.89	455.2		94.70
15	953	261.17	415.1		95.10
16	988	563.79	864.9		95.58
17	1,257	272.08	327.9		97.28
18	1,353	400.15	448.2		97.85
19	1,433	415.23	438.9		98.33
20	1,690	370.45	332.1		99.87
21	1,830	971.39	804.4		100.70
22	2,662	182.76	104.0		103.63
23	4,025	72.73	27.4		105.91
24	5,098	34.38	10.2		107.27
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
Modified: 11/18/2015 3:15:11 PM

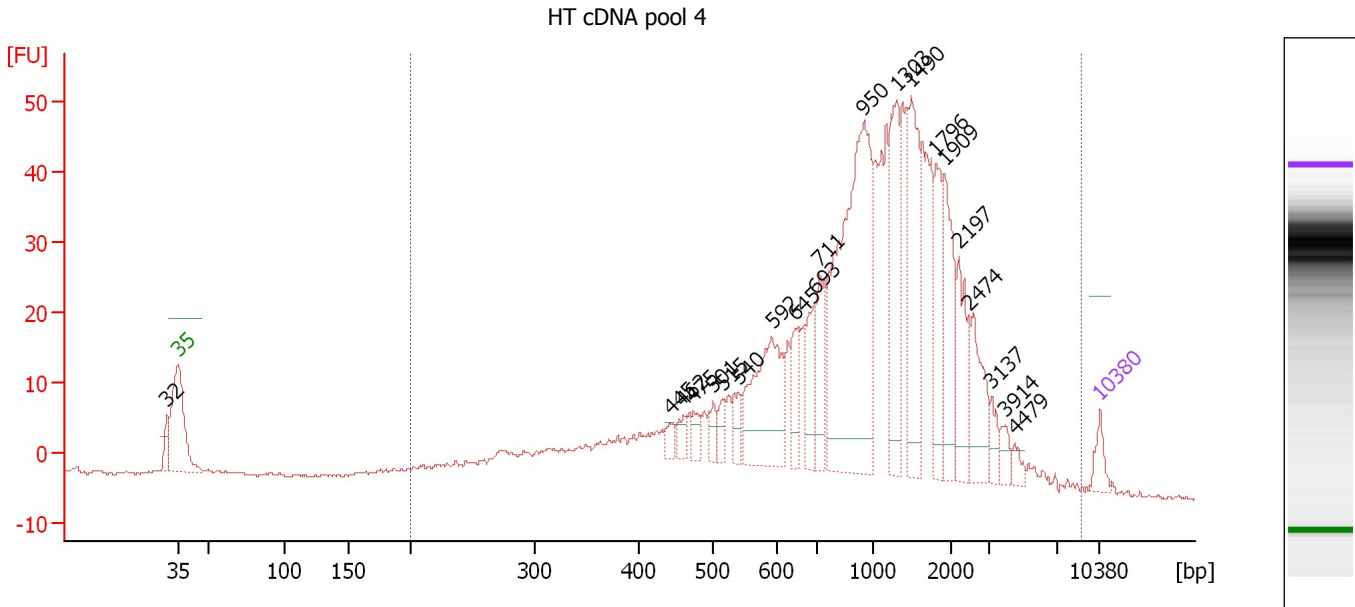
Electropherogram Summary Continued ...**... Region table for sample 3 : HT cDNA pool 3**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,392	901.9	15,165.9	 8,344.90	99	75.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : HT cDNA pool 4

Number of peaks found: 21 Corr. Area 1: 826.2
 Noise: 0.2


Peak table for sample 4 : HT cDNA pool 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.15
2	35	125.00	5,411.3	Lower Marker	43.00
3	445	66.17	225.4		80.46
4	462	78.60	258.1		81.39
5	475	94.70	302.1		82.15
6	501	84.42	255.1		83.63
7	515	80.41	236.6		84.29
8	540	109.91	308.2		85.54
9	592	682.41	1,746.6		88.09
10	645	185.88	436.4		89.88
11	693	245.92	537.4		91.35
12	711	286.18	610.0		91.71
13	950	1,724.29	2,749.2		95.05
14	1,303	534.06	621.2		97.55
15	1,490	562.56	572.2		98.67
16	1,796	310.91	262.2		100.50
17	1,909	402.74	319.7		101.17
18	2,197	260.12	179.4		102.29
19	2,474	289.30	177.2		103.09
20	3,137	72.30	34.9		104.79
21	3,914	65.02	25.2		105.77
22	4,479	45.20	15.3		106.48
23	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
Modified: 11/18/2015 3:15:11 PM

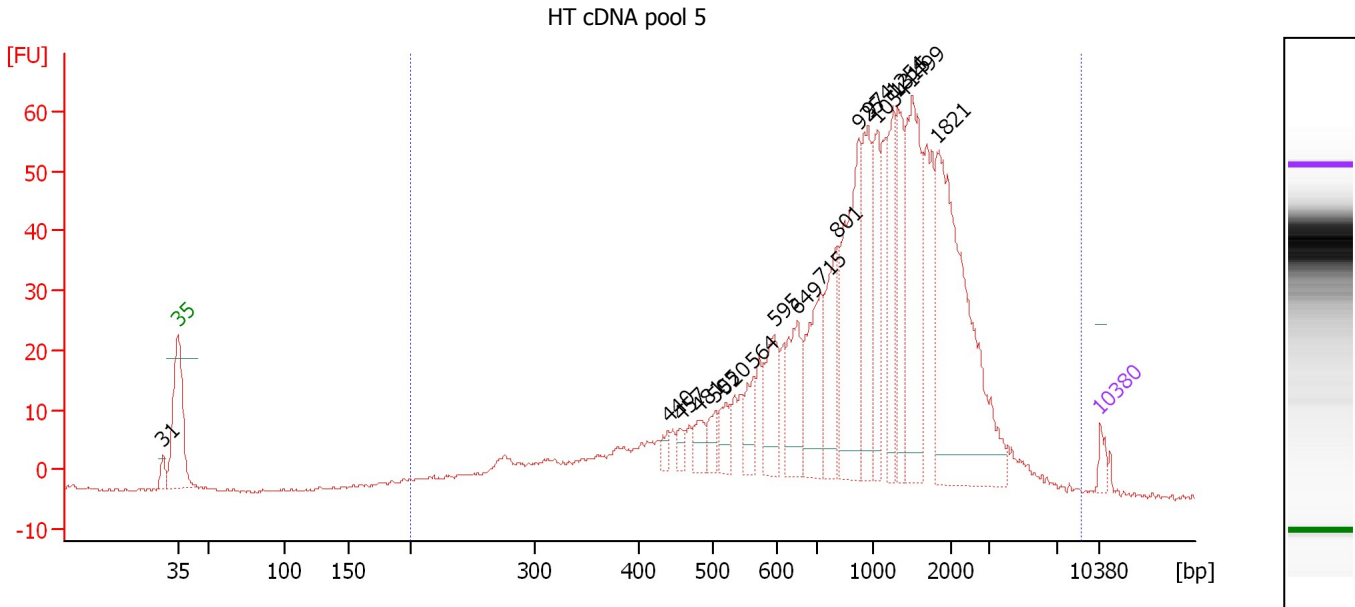
Electropherogram Summary Continued ...**... Region table for sample 4 : HT cDNA pool 4**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,284	826.2	18,708.4	 9,869.46	99	70.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : HT cDNA pool 5

Number of peaks found: 18 Corr. Area 1: 991.3
 Noise: 0.2

Peak table for sample 5 : HT cDNA pool 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.86
2	35	125.00	5,411.3	Lower Marker	43.00
3	440	87.73	301.9		80.20
4	457	94.69	314.3		81.11
5	481	174.81	550.8		82.48
6	505	150.82	452.3		83.81
7	520	195.03	568.3		84.54
8	564	232.01	623.7		86.69
9	595	475.26	1,209.8		88.25
10	649	546.24	1,275.4		89.99
11	715	774.61	1,640.3		91.77
12	801	619.22	1,171.9		92.96
13	925	1,246.97	2,042.7		94.70
14	974	728.14	1,132.6		95.39
15	1,054	586.38	842.8		96.07
16	1,254	555.32	671.2		97.26
17	1,315	558.33	643.4		97.63
18	1,499	1,141.65	1,154.0		98.73
19	1,821	2,097.69	1,745.4		100.65
20	10,380	75.00	10.9	Upper Marker	113.00

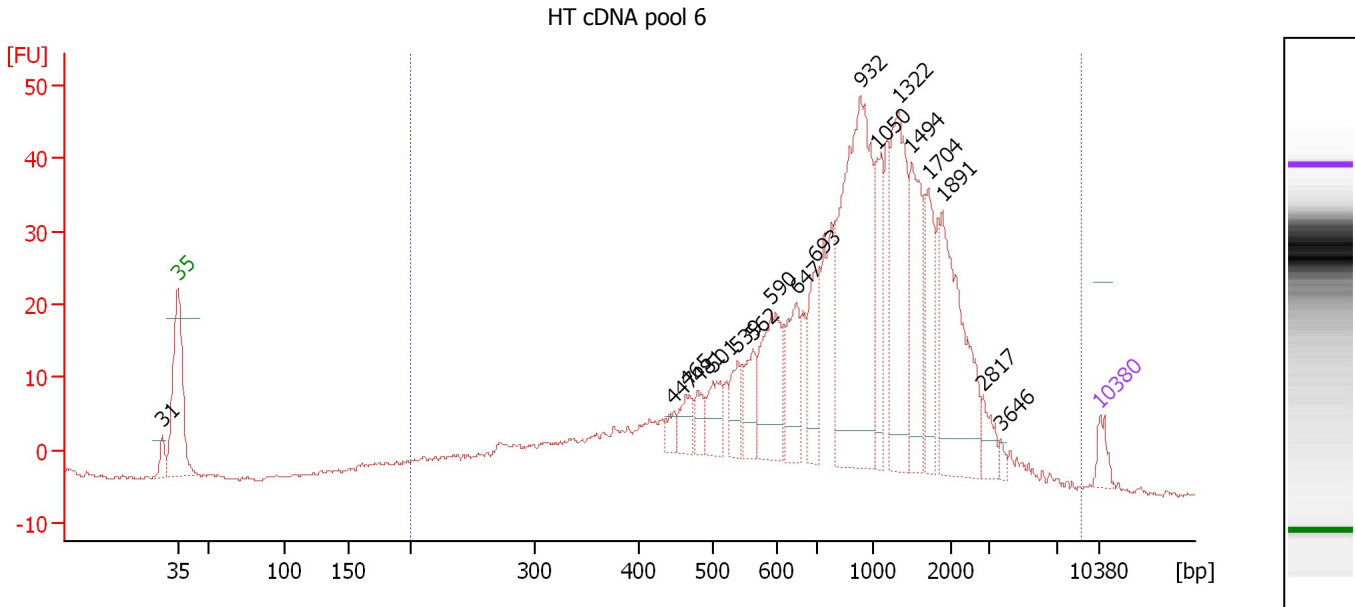
Region table for sample 5 : HT cDNA pool 5

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,285	991.3	28,105.2	14,763.65	99	70.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : HT cDNA pool 6

Number of peaks found: 18 Corr. Area 1: 826.6
 Noise: 0.3

Peak table for sample 6 : HT cDNA pool 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.79
2	35	125.00	5,411.3	Lower Marker	43.00
3	447	68.24	231.3		80.58
4	465	150.95	491.7		81.60
5	481	113.74	358.3		82.48
6	501	209.72	634.4		83.60
7	539	180.13	505.9		85.50
8	562	220.41	594.1		86.62
9	590	518.38	1,330.4		88.01
10	647	349.32	818.6		89.91
11	693	362.79	792.6		91.35
12	932	1,622.47	2,638.9		94.79
13	1,050	353.25	509.8		96.05
14	1,322	752.07	861.8		97.67
15	1,494	513.19	520.6		98.69
16	1,704	327.05	290.8		99.95
17	1,891	773.46	619.9		101.06
18	2,817	105.83	56.9		104.08
19	3,646	26.29	10.9		105.43
20	10,380	75.00	10.9	Upper Marker	113.00

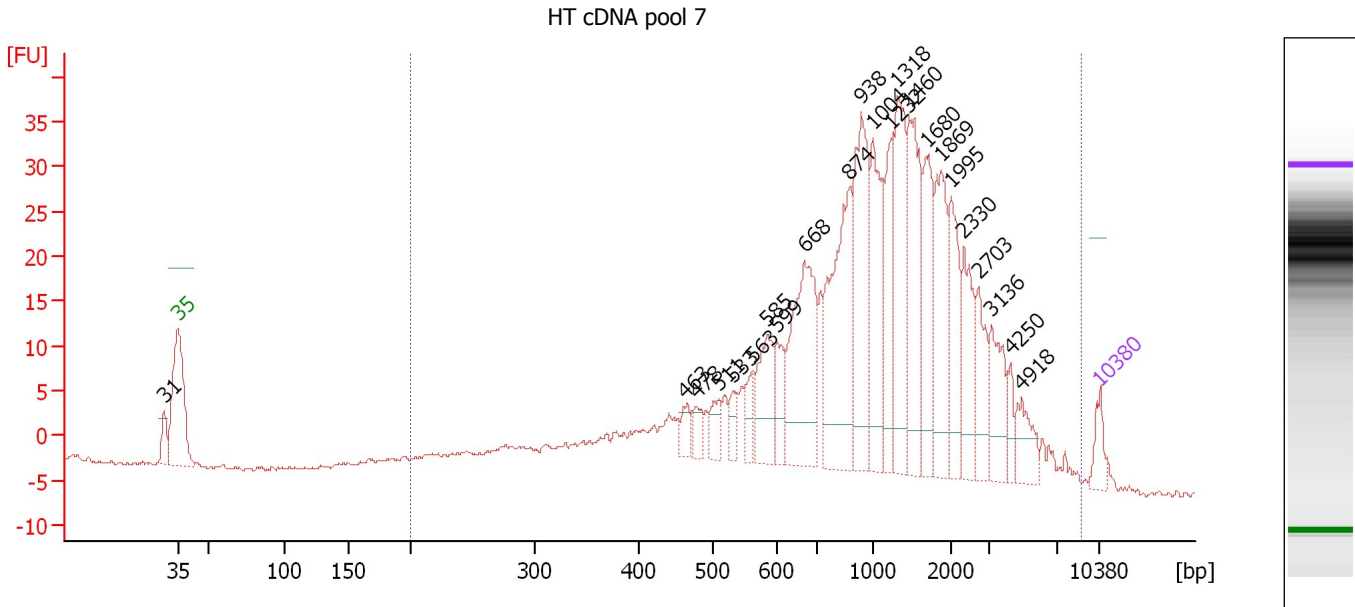
Region table for sample 6 : HT cDNA pool 6

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,162	826.6	21,627.8	10,101.33	99	74.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : HT cDNA pool 7

Number of peaks found: 23 Corr. Area 1: 688.5
 Noise: 0.2

Peak table for sample 7 : HT cDNA pool 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.97
2	35	125.00	5,411.3	Lower Marker	43.00
3	463	83.53	273.6		81.45
4	478	81.87	259.3		82.34
5	511	96.33	285.8		84.08
6	533	82.28	234.1		85.16
7	563	98.47	265.0		86.66
8	585	284.14	736.0		87.74
9	599	151.05	381.9		88.45
10	668	697.30	1,582.7		90.56
11	874	750.97	1,302.0		93.99
12	938	632.79	1,022.4		94.88
13	1,004	412.64	623.0		95.77
14	1,232	347.09	426.9		97.13
15	1,318	502.56	577.6		97.65
16	1,460	499.28	518.2		98.49
17	1,680	347.85	313.7		99.81
18	1,869	401.27	325.3		100.93
19	1,995	284.11	215.8		101.69
20	2,330	262.80	170.9		102.67
21	2,703	191.36	107.3		103.75
22	3,136	215.13	103.9		104.78
23	4,250	69.97	24.9		106.19
24	4,918	135.17	41.6		107.04
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
Modified: 11/18/2015 3:15:11 PM

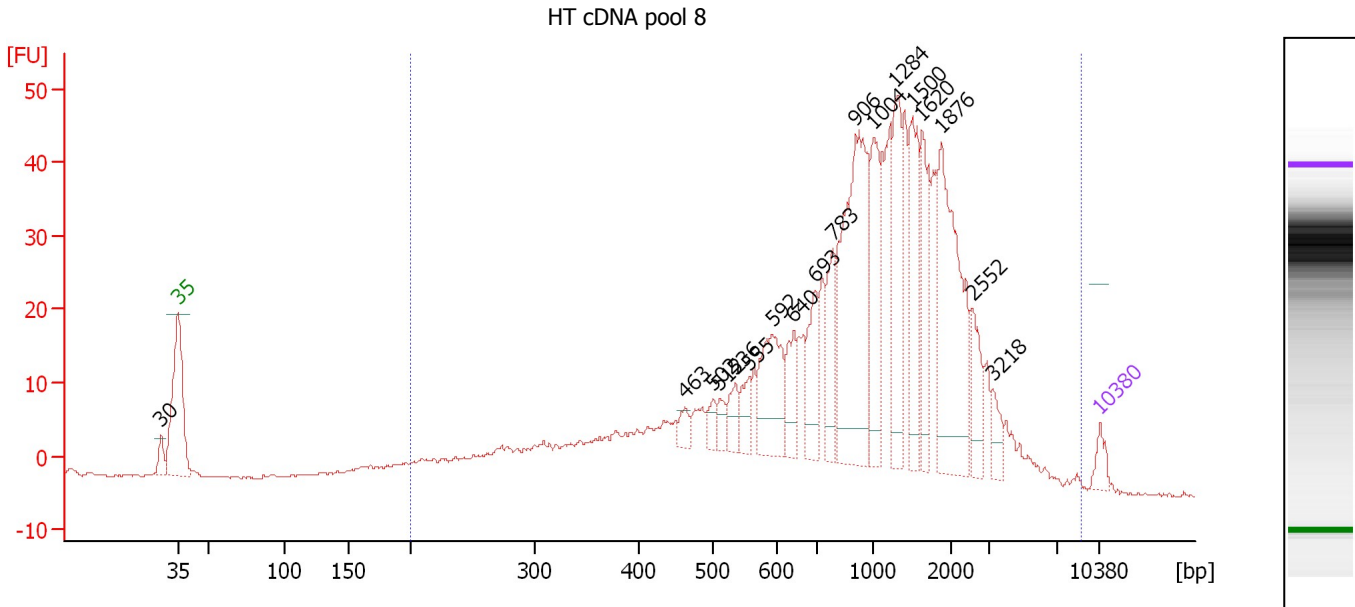
Electropherogram Summary Continued ...**... Region table for sample 7 : HT cDNA pool 7**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,444	688.5	17,081.1	8,790.40	99	83.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

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 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : HT cDNA pool 8

Number of peaks found: 18 Corr. Area 1: 875.3
 Noise: 0.2

Peak table for sample 8 : HT cDNA pool 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.71
2	35	125.00	5,411.3	Lower Marker	43.00
3	463	92.58	303.2		81.46
4	502	92.49	279.1		83.65
5	512	87.73	259.8		84.13
6	536	144.60	408.8		85.32
7	555	138.12	376.9		86.28
8	592	542.54	1,388.5		88.09
9	640	244.40	578.6		89.71
10	693	349.62	764.5		91.34
11	783	313.83	607.0		92.72
12	906	1,502.72	2,512.3		94.44
13	1,004	505.07	762.0		95.77
14	1,284	538.14	634.9		97.44
15	1,500	439.11	443.5		98.73
16	1,620	399.02	373.2		99.45
17	1,876	1,047.24	845.8		100.98
18	2,552	222.97	132.4		103.31
19	3,218	100.70	47.4		104.89
20	10,380	75.00	10.9	Upper Marker	113.00

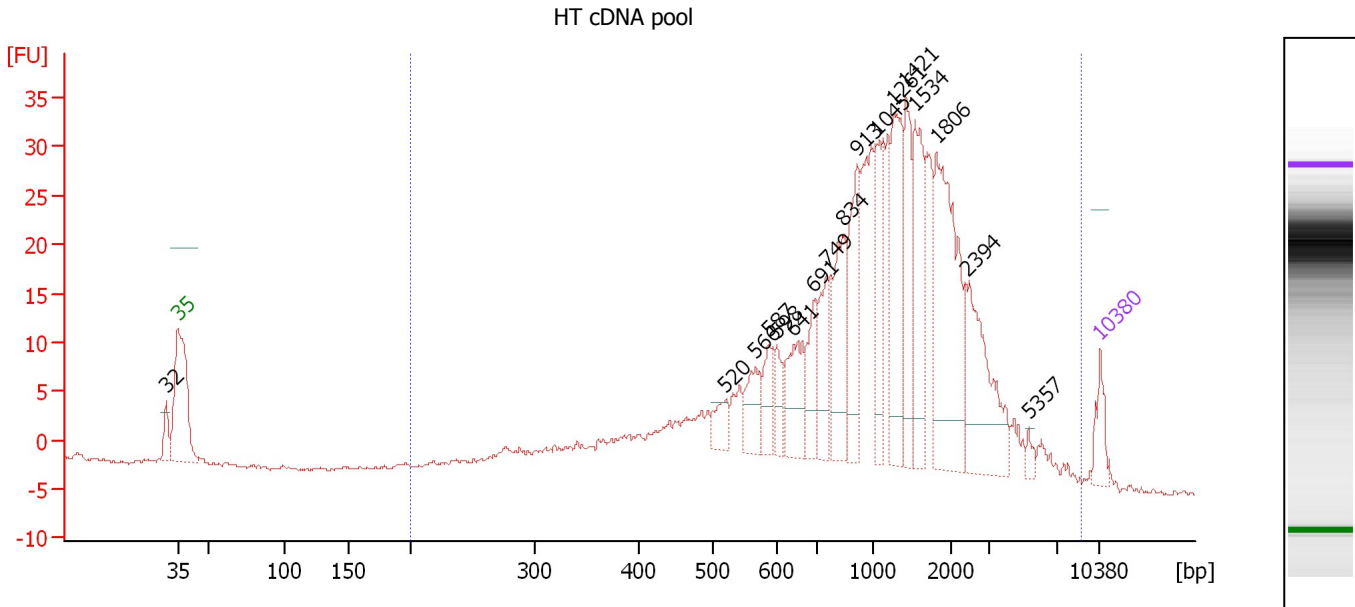
Region table for sample 8 : HT cDNA pool 8

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,273	875.3	28,265.3	12,856.18	97	80.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : HT cDNA pool

Number of peaks found: 17 Corr. Area 1: 597.9
 Noise: 0.2

Peak table for sample 9 : HT cDNA pool

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.09
2	35	125.00	5,411.3	Lower Marker	43.00
3	520	83.98	244.8		84.53
4	566	132.93	355.6		86.83
5	587	122.52	316.4		87.83
6	598	87.64	221.9		88.41
7	641	224.61	530.8		89.75
8	691	157.31	344.9		91.28
9	749	198.86	402.5		92.23
10	834	300.38	545.6		93.43
11	913	294.59	488.9		94.53
12	1,045	217.61	315.7		96.01
13	1,261	378.75	455.1		97.31
14	1,421	253.89	270.6		98.26
15	1,534	330.92	326.9		98.93
16	1,806	609.09	510.9		100.56
17	2,394	365.84	231.5		102.86
18	5,357	23.72	6.7		107.59
19	10,380	75.00	10.9	Upper Marker	113.00

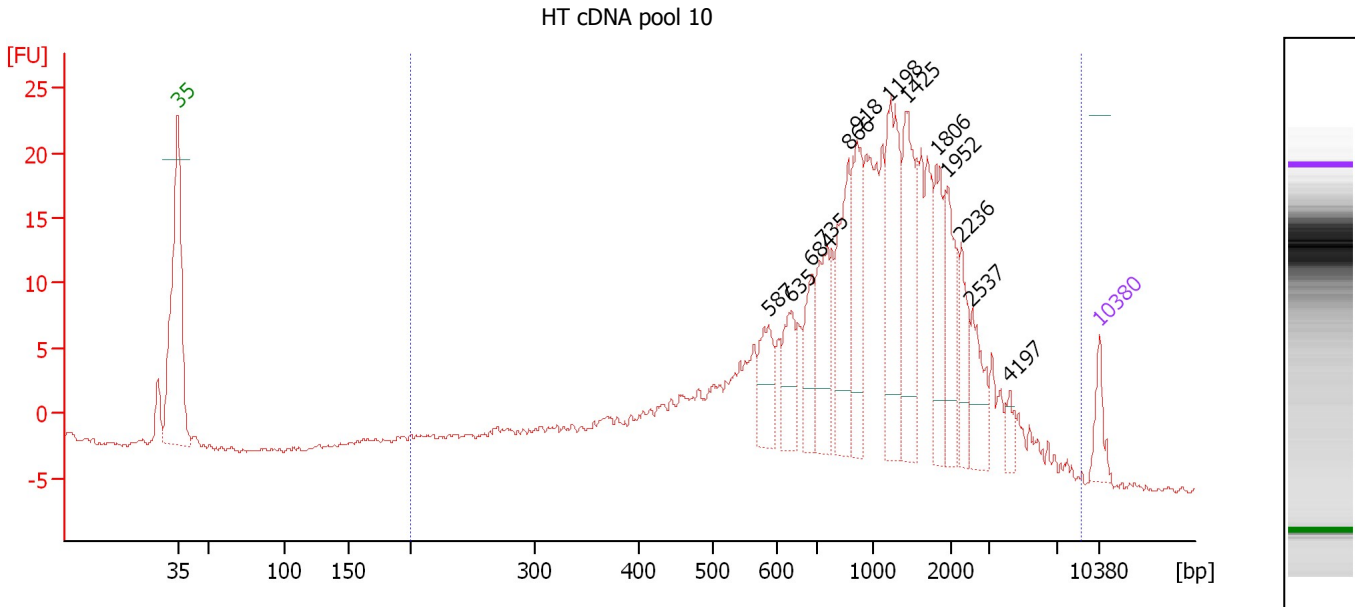
Region table for sample 9 : HT cDNA pool

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,401	597.9	12,236.0	6,401.37	98	81.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : HT cDNA pool 10

Number of peaks found: 13 Corr. Area 1: 462.2
 Noise: 0.2

Peak table for sample 10 : HT cDNA pool 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	587	183.40	473.7		87.83
3	635	175.21	417.8		89.57
4	684	178.49	395.2		91.07
5	735	283.43	584.6		92.04
6	866	365.05	638.5		93.88
7	918	303.08	500.1		94.60
8	1,198	422.18	534.1		96.93
9	1,425	361.19	384.1		98.28
10	1,806	234.74	196.9		100.56
11	1,952	219.67	170.5		101.43
12	2,236	135.38	91.7		102.40
13	2,537	147.65	88.2		103.27
14	4,197	41.86	15.1		106.13
15	10,380	75.00	10.9	Upper Marker	113.00

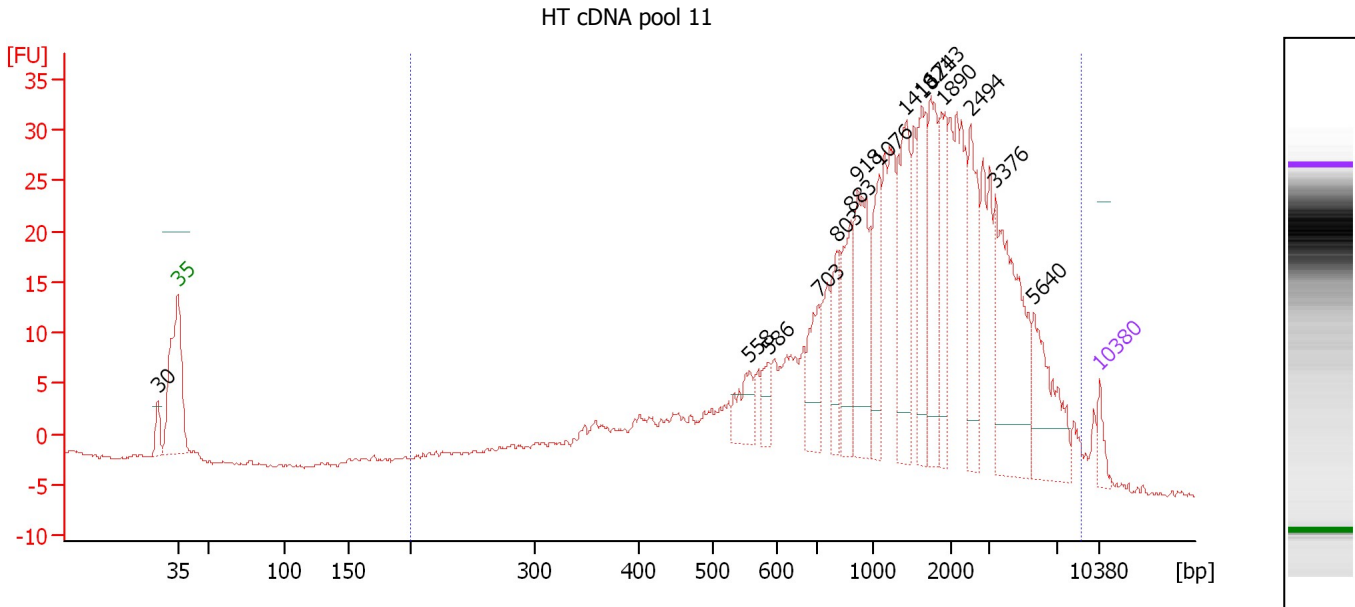
Region table for sample 10 : HT cDNA pool 10

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,309	462.2	13,661.3	6,392.99	98	82.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

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 Modified: 11/18/2015 3:15:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : HT cDNA pool 11

Number of peaks found: 15 Corr. Area 1: 673.8
 Noise: 0.2

Peak table for sample 11 : HT cDNA pool 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.45
2	35	125.00	5,411.3	Lower Marker	43.00
3	558	221.82	602.7		86.40
4	586	109.00	281.7		87.81
5	703	319.41	688.7		91.59
6	803	276.52	521.5		93.00
7	883	406.66	697.6		94.12
8	918	588.46	971.3		94.60
9	1,076	355.46	500.4		96.20
10	1,418	540.56	577.6		98.24
11	1,621	405.02	378.5		99.46
12	1,743	484.82	421.3		100.18
13	1,890	336.82	270.0		101.06
14	2,494	443.70	269.6		103.15
15	3,376	820.63	368.3		105.09
16	5,640	465.50	125.0		107.95
17	10,380	75.00	10.9	Upper Marker	113.00

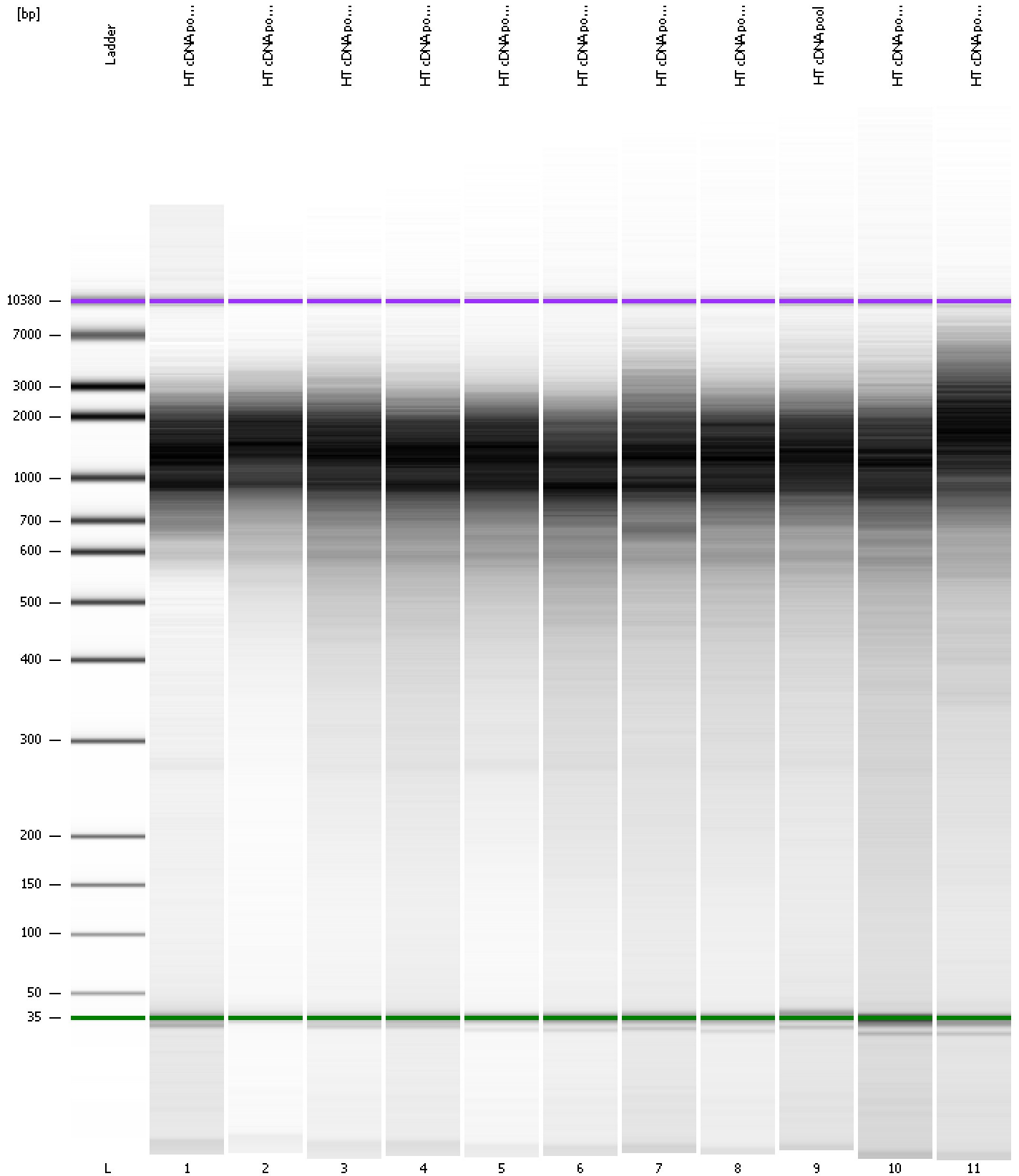
Region table for sample 11 : HT cDNA pool 11

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	9,000	1,912	673.8	21,241.1	12,039.91	98	87.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
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Gel Image

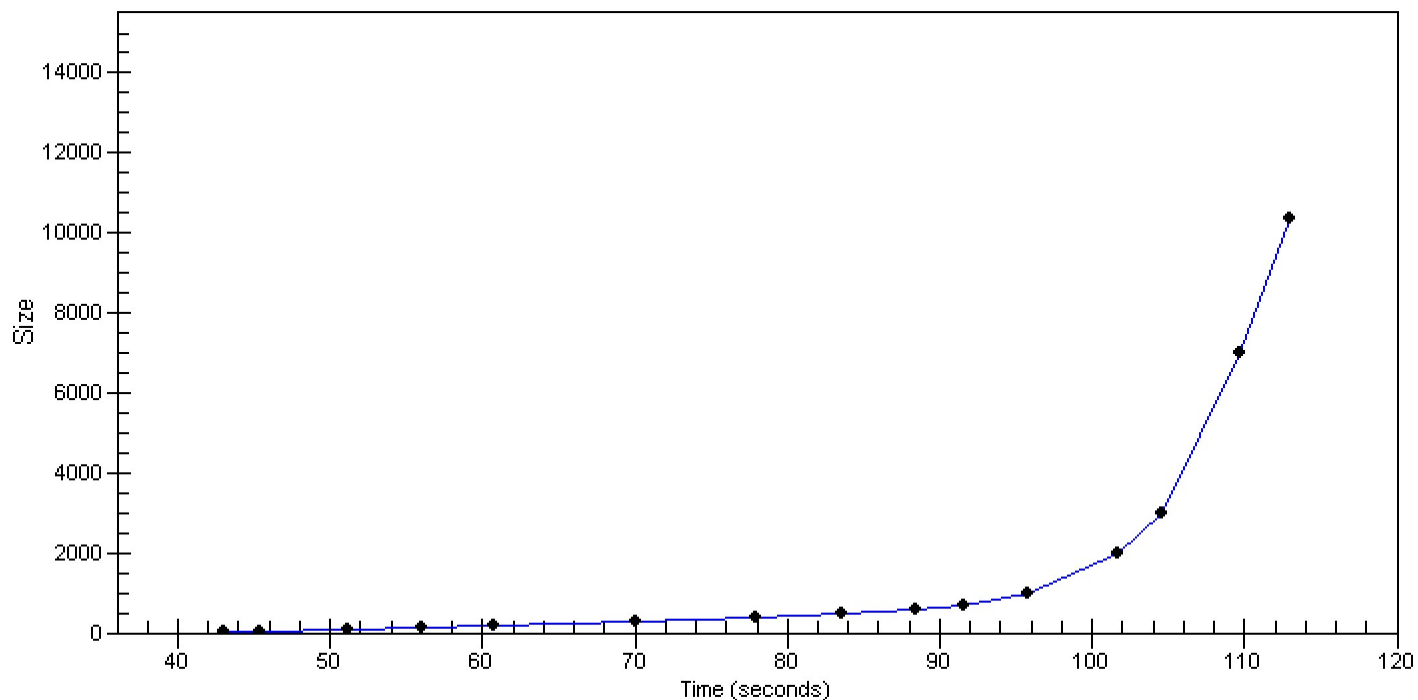


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
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Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad

Created: 11/18/2015 2:14:19 PM
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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		11/18/2015 2:55:37 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-11-18\2015-11-18_002.xad)		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		11/18/2015 2:14:25 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1