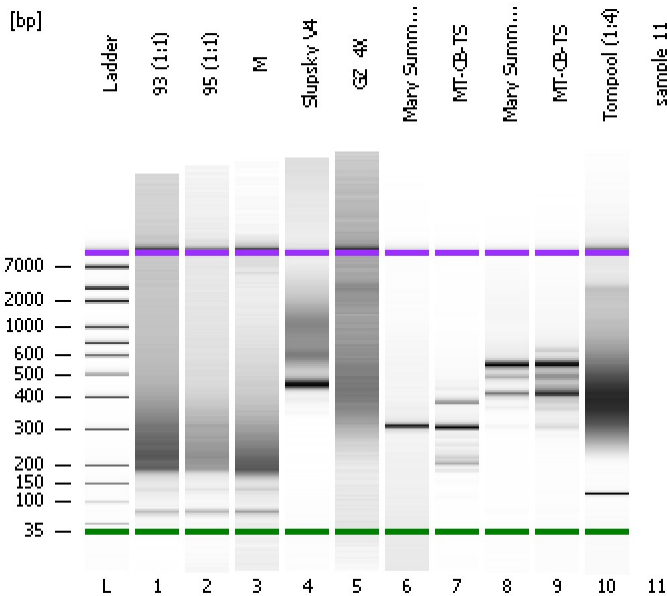


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
Modified: 2/18/2015 8:33:09 AM

### Electrophoresis File Run Summary



#### Instrument Information:

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

#### Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy  
Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

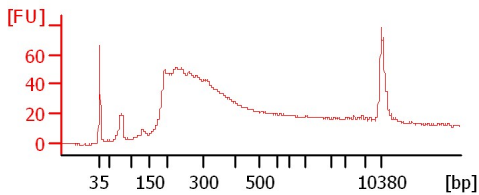
#### Chip Information:

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

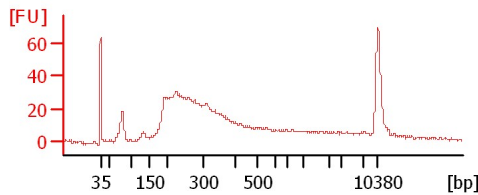
93 (1:1)

95 (1:1)

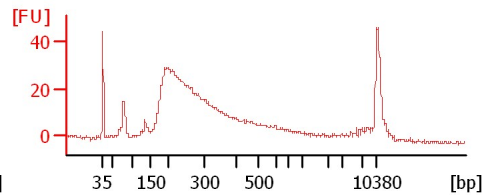
M



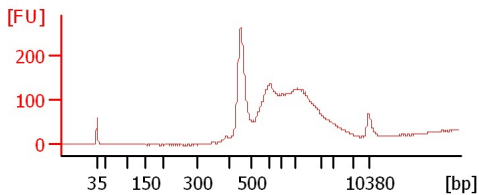
Slupsky V4



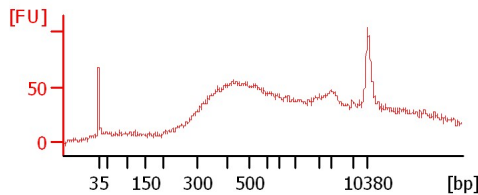
GZ\_4X



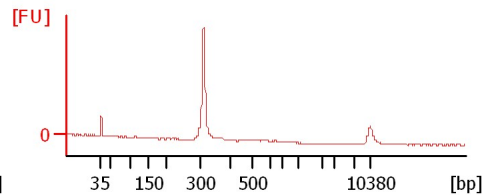
Mary Summer Milk-1 2-11-15  
DNA (1:20)



MT-CB-TS  
DNA (1:50)

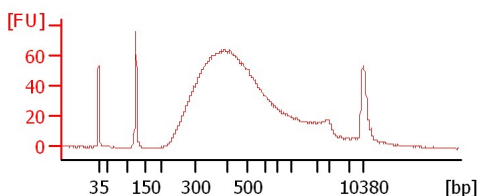


Mary Summer Milk-1 2-11-15  
ligation rxn (1:2)



MT-CB-TS  
ligation rxn (1:2)

Tompool (1:4)



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
Modified: 2/18/2015 8:33:09 AM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
93 (1:1)		<input type="checkbox"/>	✓			
95 (1:1)		<input type="checkbox"/>	✓			
M		<input type="checkbox"/>	✓			
Slupsky V4		<input type="checkbox"/>	✓			
GZ_4X		<input type="checkbox"/>	✓			
Mary Summer Milk-1 2-11-15	DNA (1:20)	<input type="checkbox"/>	✓			
MT-CB-TS	DNA (1:50)	<input type="checkbox"/>	✓			
Mary Summer Milk-1 2-11-15	ligation rxn (1:2)	<input type="checkbox"/>	✓			
MT-CB-TS	ligation rxn (1:2)	<input type="checkbox"/>	✓			
Tompson (1:4)		<input type="checkbox"/>	✓			
sample 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\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
Modified: 2/18/2015 8:33:09 AM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 32  
Maximum Visible Range [s] : 138  
Start Analysis Time Range [s] : 33  
End Analysis Time Range [s] : 137.5  
Ladder Concentration [pg/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

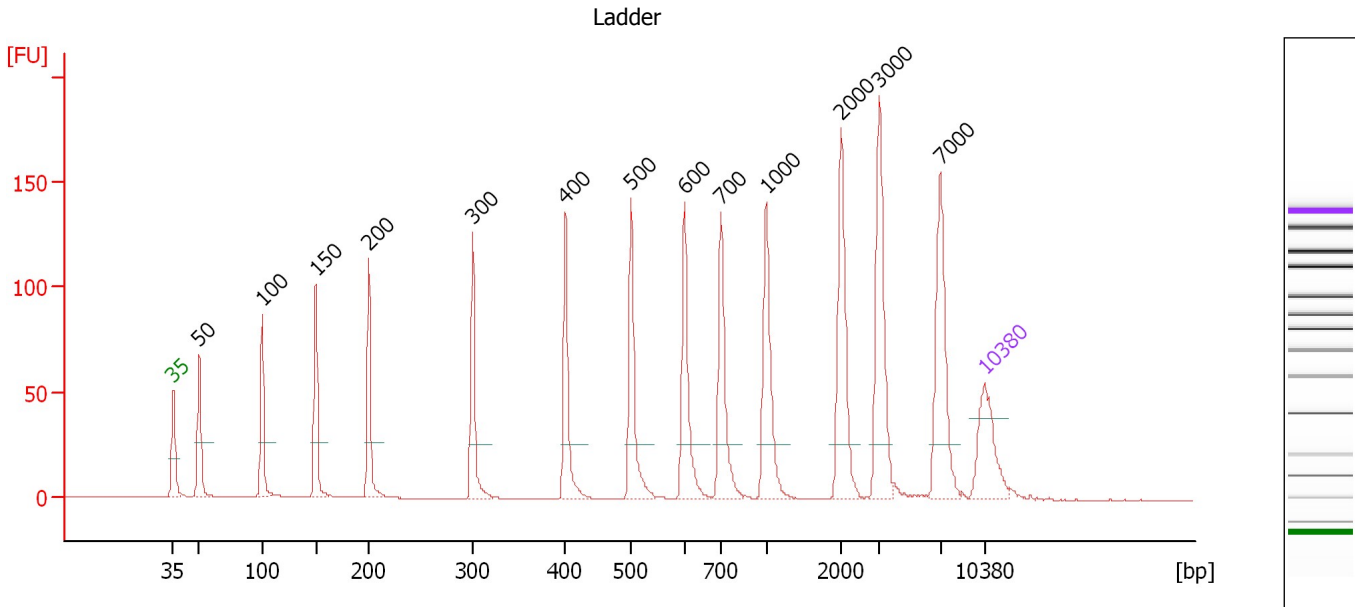
**Ladder**

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\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

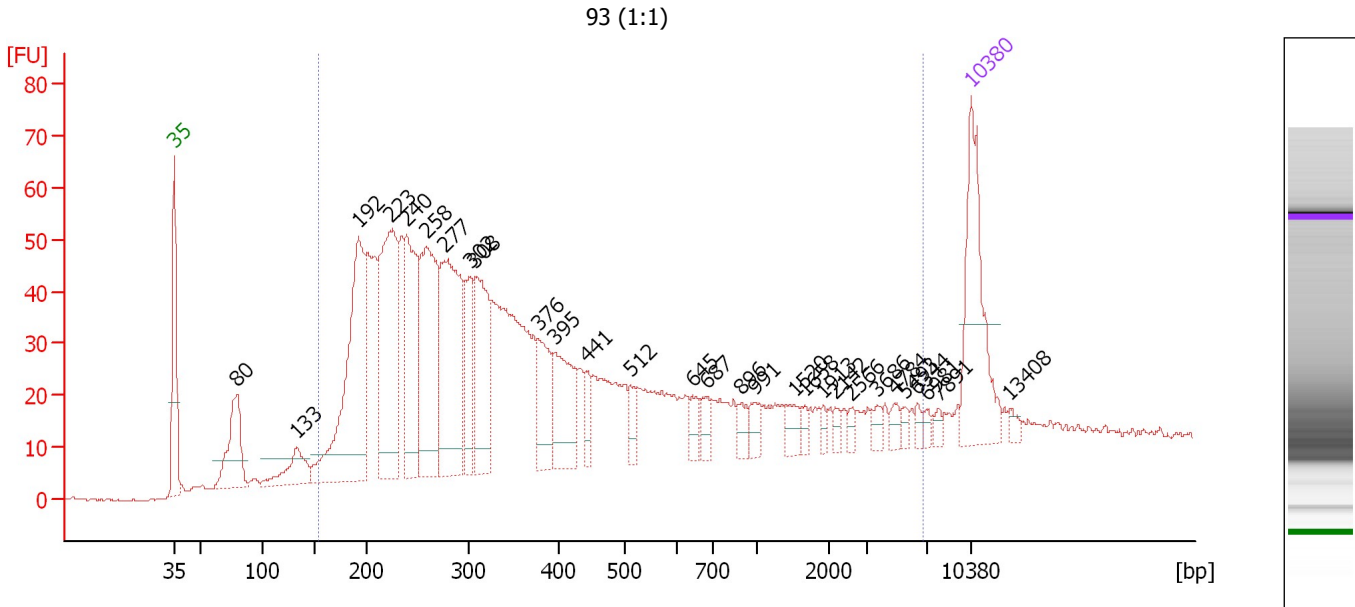
**Peak table for Ladder**

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	45.25
3	100	150.00	2,272.7	Ladder Peak	50.68
4	150	150.00	1,515.2	Ladder Peak	55.33
5	200	150.00	1,136.4	Ladder Peak	59.88
6	300	150.00	757.6	Ladder Peak	68.85
7	400	150.00	568.2	Ladder Peak	76.85
8	500	150.00	454.5	Ladder Peak	82.51
9	600	150.00	378.8	Ladder Peak	87.11
10	700	150.00	324.7	Ladder Peak	90.28
11	1,000	150.00	227.3	Ladder Peak	94.14
12	2,000	150.00	113.6	Ladder Peak	100.58
13	3,000	150.00	75.8	Ladder Peak	103.89
14	7,000	150.00	32.5	Ladder Peak	109.18
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 93 (1:1)**

Number of peaks found: 29                      Corr. Area 1: 1,586.4  
 Noise: 0.2

**Peak table for sample 1 : 93 (1:1)**

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	80	77.24	1,459.7		48.53
3	133	39.67	450.9		53.78
4	192	215.50	1,699.2		59.16
5	223	183.57	1,245.1		61.98
6	240	122.09	772.1		63.43
7	258	151.65	889.3		65.12
8	277	160.47	877.2		66.80
9	302	50.60	253.9		69.00
10	308	92.68	456.2		69.47
11	376	47.40	190.9		74.95
12	395	62.95	241.5		76.45
13	441	15.20	52.2		79.17
14	512	12.74	37.7		83.06
15	645	11.77	27.6		88.54
16	687	11.54	25.5		89.85
17	896	10.29	17.4		92.81
18	991	11.68	17.9		94.02
19	1,520	11.23	11.2		97.49
20	1,658	4.75	4.3		98.38
21	1,913	4.32	3.4		100.02
22	2,142	4.37	3.1		101.05
23	2,566	4.20	2.5		102.46
24	3,686	6.02	2.5		104.80
25	4,784	6.80	2.2		106.25

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 1 : 93 (1:1)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	5,493	4.19	1.2		107.19
27	6,344	4.14	1.0		108.31
28	6,981	4.18	0.9		109.16
29	7,891	4.35	0.8		110.19
30	10,380	75.00	10.9	Upper Marker	113.00
31	13,408	0.00	0.0		116.42

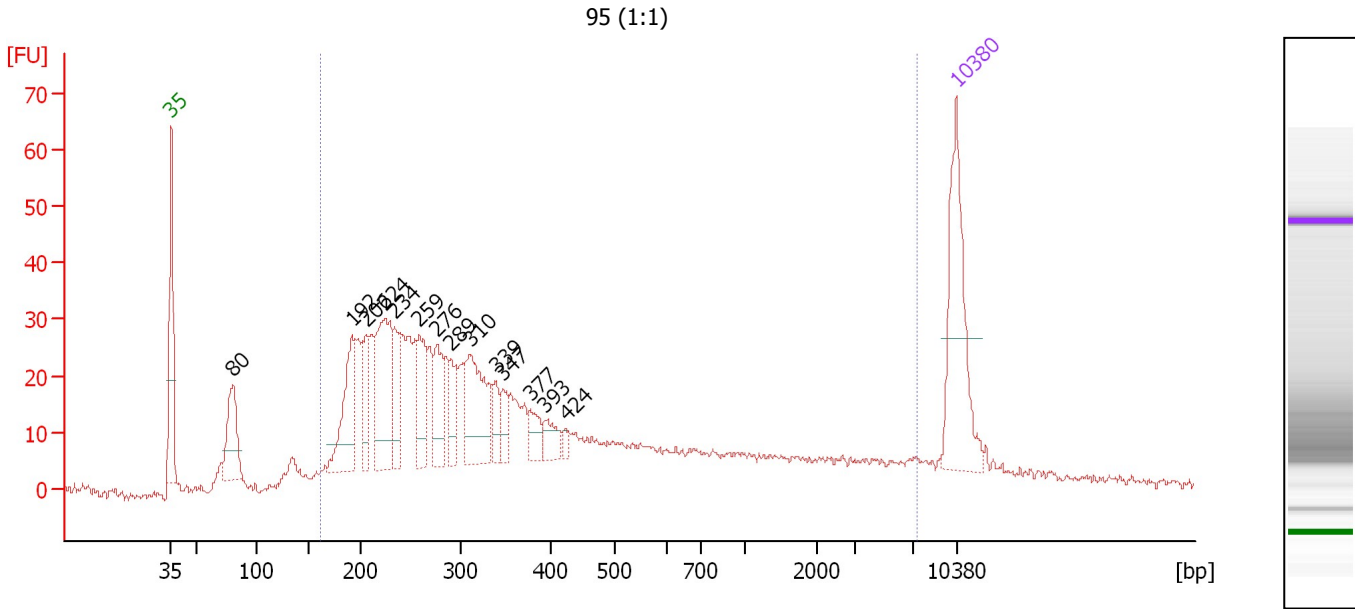
#### Region table for sample 1 : 93 (1:1)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
153	634	6,771	1,586.4	92	100.0	1,817.35	9,301.8	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 95 (1:1)**

Number of peaks found: 14                      Corr. Area 1: 843.3  
 Noise: 0.8

**Peak table for sample 2 : 95 (1:1)**

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	80	62.09	1,175.5		48.51
3	192	78.53	619.5		59.16
4	206	40.35	297.2		60.39
5	224	98.18	663.3		62.06
6	234	35.99	233.2		62.91
7	259	47.60	278.8		65.15
8	276	43.12	236.5		66.71
9	289	26.69	139.7		67.90
10	310	77.12	376.7		69.66
11	339	16.70	74.7		71.94
12	347	14.89	65.0		72.61
13	377	16.47	66.1		75.03
14	393	16.15	62.3		76.27
15	424	4.76	17.0		78.21
16	10,380	75.00	10.9	Upper Marker	113.00

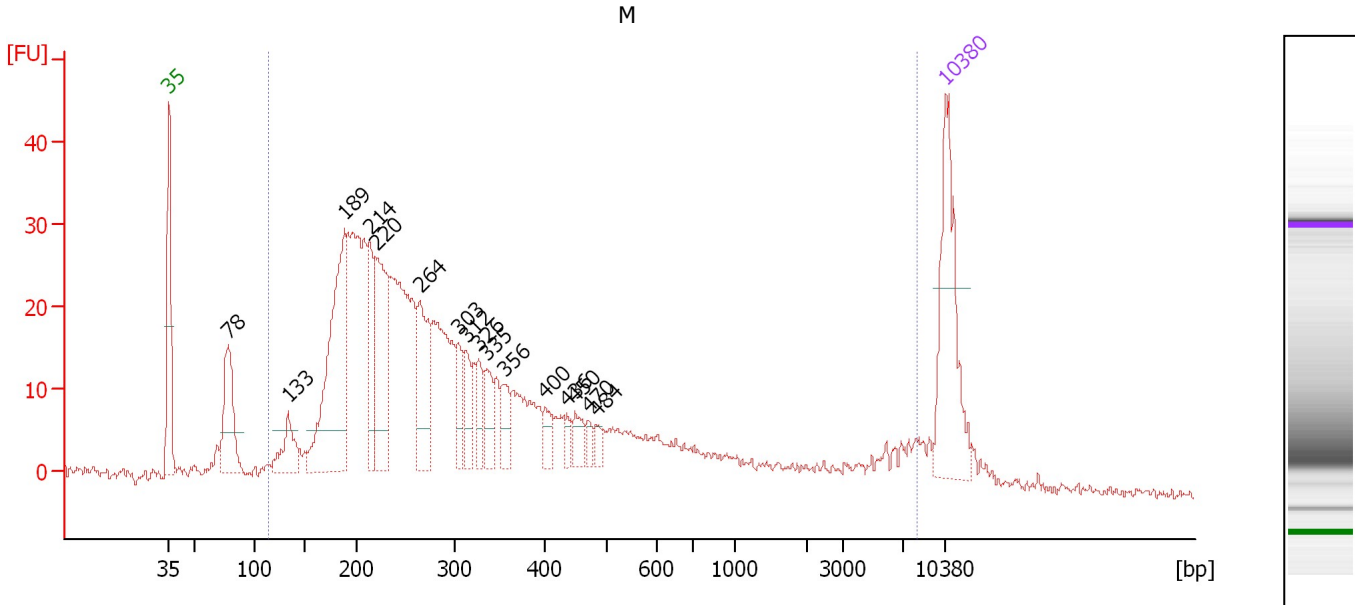
**Region table for sample 2 : 95 (1:1)**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
162	630	7,325	843.3	91	100.0	1,095.10	5,699.9	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : M**

Number of peaks found: 16                      Corr. Area 1: 816.0  
 Noise: 0.6

**Peak table for sample 3 : M**

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	78	77.50	1,505.6		48.29
3	133	35.06	398.4		53.78
4	189	190.54	1,527.6		58.88
5	214	55.72	394.4		61.14
6	220	101.12	696.6		61.67
7	264	71.93	412.1		65.66
8	303	24.60	122.9		69.12
9	312	25.63	124.5		69.80
10	326	21.24	98.6		70.95
11	335	25.96	117.3		71.67
12	356	20.10	85.6		73.31
13	400	13.82	52.3		76.87
14	436	8.32	28.9		78.89
15	450	13.32	44.9		79.66
16	470	6.79	21.9		80.81
17	484	7.48	23.4		81.58
18	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 3 : M**

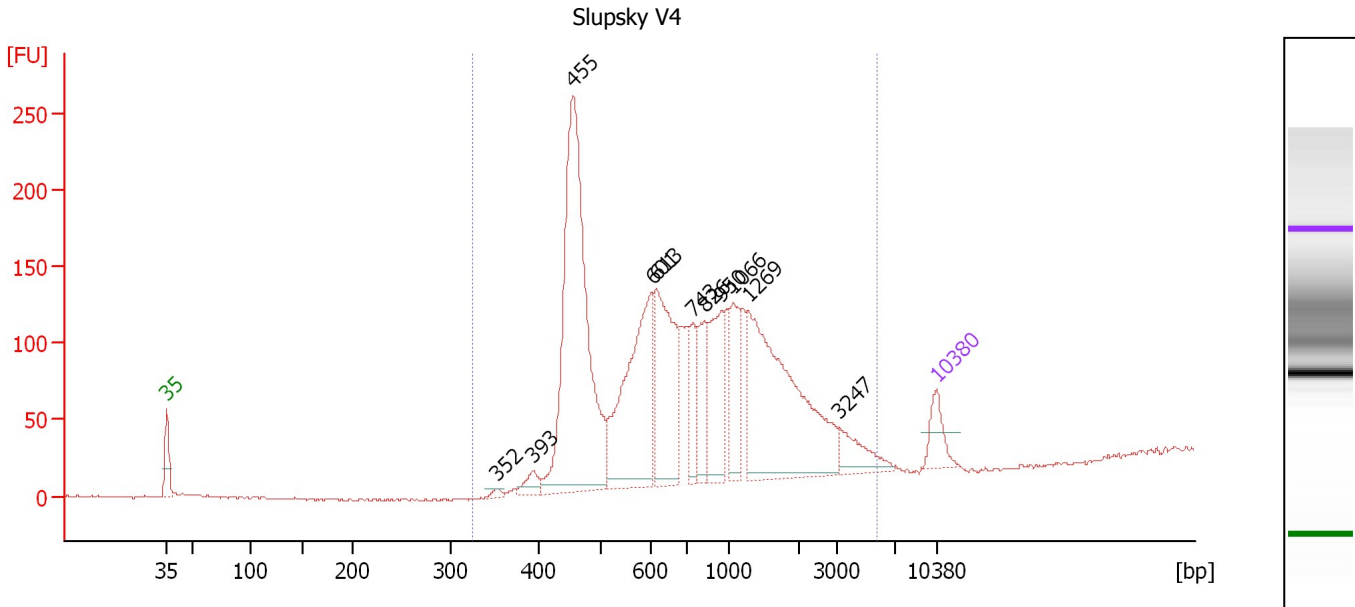
From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
114	636	8,225	816.0	92	100.0	1,445.32	8,449.9	Blue



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
 Modified: 2/18/2015 8:33:09 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : Slupsky V4**

Number of peaks found: 11                      Corr. Area 1: 2,581.7  
 Noise: 0.7

**Peak table for sample 4 : Slupsky V4**

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	352	15.60	67.1		73.03
3	393	54.46	209.7		76.33
4	455	1,359.72	4,527.3		79.96
5	601	634.43	1,598.9		87.14
6	613	465.43	1,149.6		87.53
7	743	134.27	273.9		90.83
8	826	163.28	299.6		91.90
9	950	256.70	409.4		93.50
10	1,066	176.40	250.8		94.57
11	1,269	798.33	953.1		95.88
12	3,247	97.97	45.7		104.22
13	10,380	75.00	10.9	Upper Marker	113.00

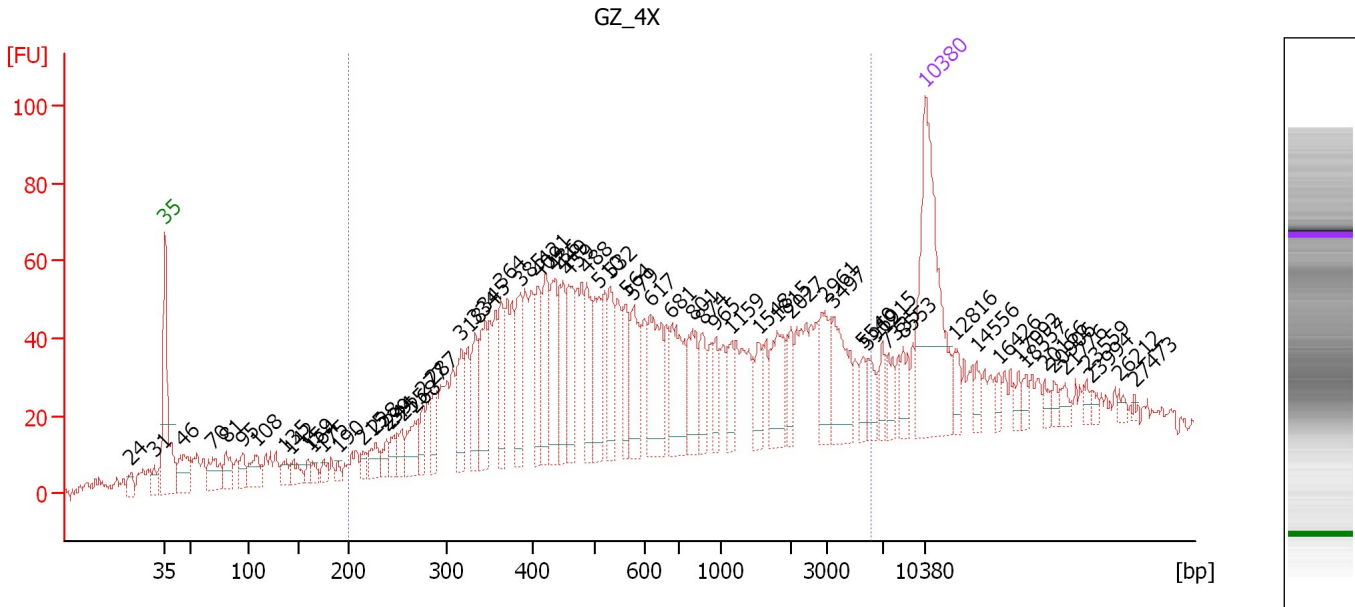
**Region table for sample 4 : Slupsky V4**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
326	973	5,839	2,581.7	100	72.9	3,932.97	8,866.9	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : GZ\_4X**

Number of peaks found: 64                      Corr. Area 1: 1,803.0  
 Noise: 2.4

**Peak table for sample 5 : GZ\_4X**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	24	0.00	0.0		39.86
2	31	0.00	0.0		41.97
3	35	125.00	5,411.3	Lower Marker	43.00
4	46	26.55	872.2		44.67
5	70	24.00	523.0		47.37
6	81	16.30	303.8		48.65
7	95	11.34	181.1		50.12
8	108	17.98	251.7		51.45
9	135	9.01	101.0		53.95
10	142	10.96	117.3		54.54
11	159	5.35	51.1		56.12
12	164	5.61	51.8		56.61
13	175	5.80	50.3		57.59
14	190	3.74	29.8		58.96
15	215	6.56	46.2		61.22
16	228	12.07	80.3		62.35
17	239	8.89	56.3		63.39
18	244	9.37	58.1		63.83
19	255	10.08	59.9		64.81
20	268	19.59	110.7		65.99
21	277	12.78	69.9		66.78
22	287	15.89	83.8		67.71
23	318	27.47	130.7		70.31
24	334	25.13	113.9		71.59
25	345	32.19	141.2		72.47

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : GZ\_4X**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	364	27.20	113.3		73.95
27	385	29.04	114.2		75.67
28	409	26.89	99.5		77.39
29	421	32.02	115.3		78.02
30	436	35.34	122.9		78.86
31	449	30.42	102.6		79.65
32	459	31.91	105.4		80.19
33	488	28.19	87.6		81.81
34	510	30.00	89.1		82.99
35	532	25.84	73.6		83.97
36	564	20.88	56.1		85.44
37	579	29.00	75.9		86.13
38	617	40.22	98.7		87.65
39	681	35.75	79.6		89.67
40	801	25.29	47.8		91.58
41	874	15.69	27.2		92.52
42	965	11.59	18.2		93.69
43	1,159	11.60	15.2		95.17
44	1,548	12.41	12.1		97.67
45	1,815	23.17	19.3		99.39
46	2,027	9.81	7.3		100.67
47	2,961	18.26	9.3		103.76
48	3,497	29.77	12.9		104.55
49	5,540	6.79	1.9		107.25
50	5,912	10.17	2.6		107.74
51	6,915	7.54	1.7		109.07
52	7,335	8.48	1.8		109.56
53	8,553	8.84	1.6		110.94
54	10,380	75.00	10.9	Upper Marker	113.00
55	12,816	0.00	0.0		115.75
56	14,556	0.00	0.0		117.72
57	16,426	0.00	0.0		119.83
58	17,992	0.00	0.0		121.60
59	18,557	0.00	0.0		122.24
60	20,166	0.00	0.0		124.05
61	20,906	0.00	0.0		124.89
62	21,776	0.00	0.0		125.87
63	23,559	0.00	0.0		127.88
64	23,994	0.00	0.0		128.38
65	26,212	0.00	0.0		130.88
66	27,473	0.00	0.0		132.31

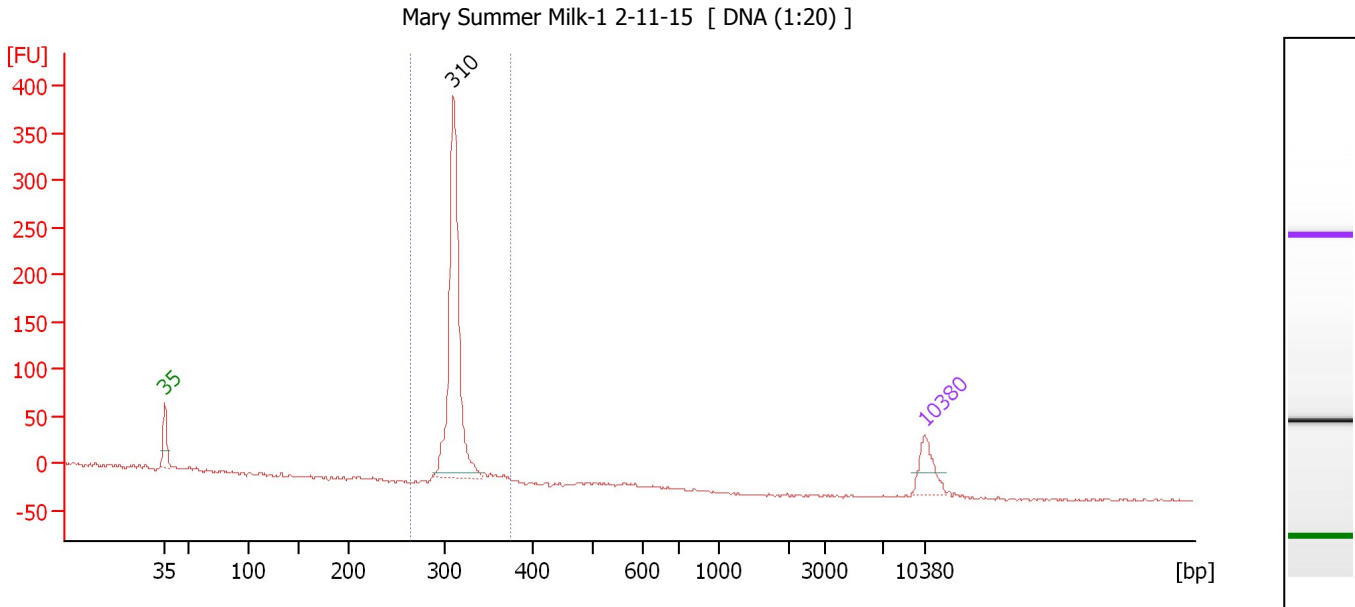
**Region table for sample 5 : GZ\_4X**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,055	6,135	1,803.0	77	100.0	1,206.80	3,794.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : Mary Summer Milk-1 2-11-15**

Number of peaks found: 1                      Corr. Area 1: 618.8  
 Noise: 1.1

**Peak table for sample 6 : Mary Summer Milk-1 2-11-15**

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	310	863.96	4,226.6		69.62
3	10,380	75.00	10.9	Upper Marker	113.00

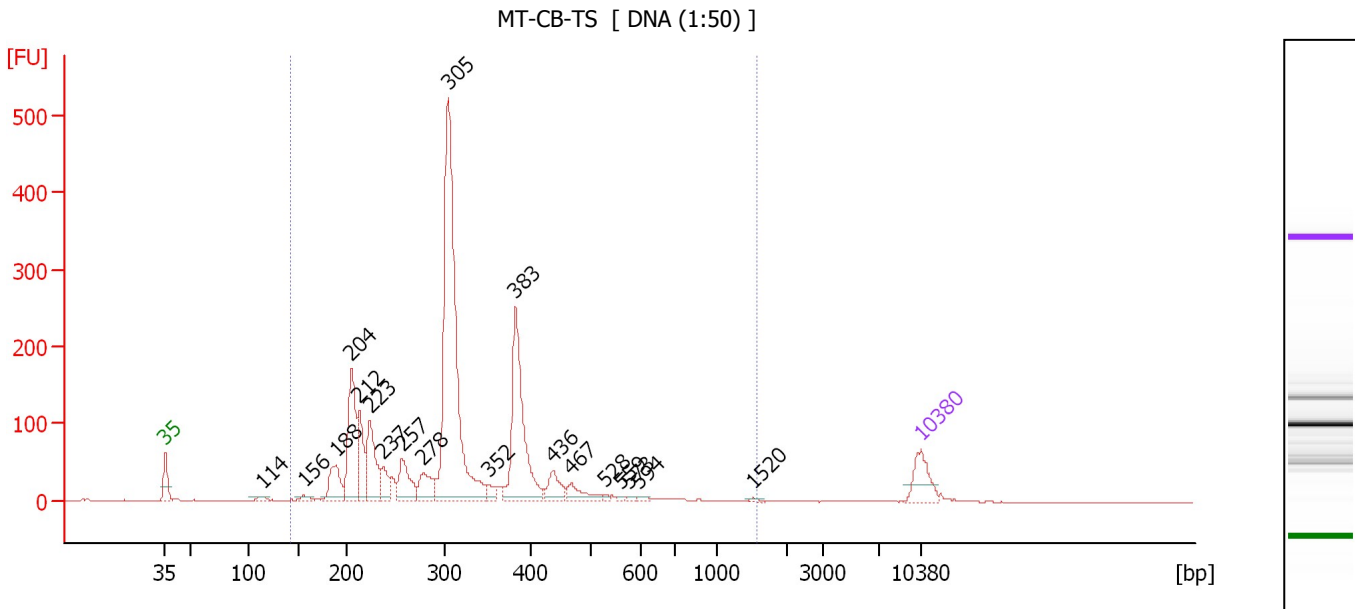
**Region table for sample 6 : Mary Summer Milk-1 2-11-15**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
265	311	375	618.8	100	2.6	847.32	4,125.6	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : MT-CB-TS**

Number of peaks found: 19                      Corr. Area 1: 2,537.6  
 Noise: 0.4

**Peak table for sample 7 : MT-CB-TS**

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	114	18.68	249.2		51.94
3	156	21.51	209.3		55.84
4	188	132.10	1,063.3		58.81
5	204	326.35	2,423.5		60.24
6	212	157.04	1,120.8		60.98
7	223	213.49	1,448.5		61.97
8	237	68.89	440.3		63.20
9	257	130.50	769.6		64.98
10	278	90.03	490.0		66.91
11	305	1,189.20	5,911.5		69.23
12	352	26.89	115.9		72.99
13	383	451.13	1,786.6		75.46
14	436	73.17	254.0		78.91
15	467	59.19	192.0		80.64
16	528	6.45	18.5		83.80
17	559	6.10	16.5		85.24
18	573	7.07	18.7		85.88
19	594	8.49	21.7		86.82
20	1,520	4.17	4.2		97.49
21	10,380	75.00	10.9	Upper Marker	113.00

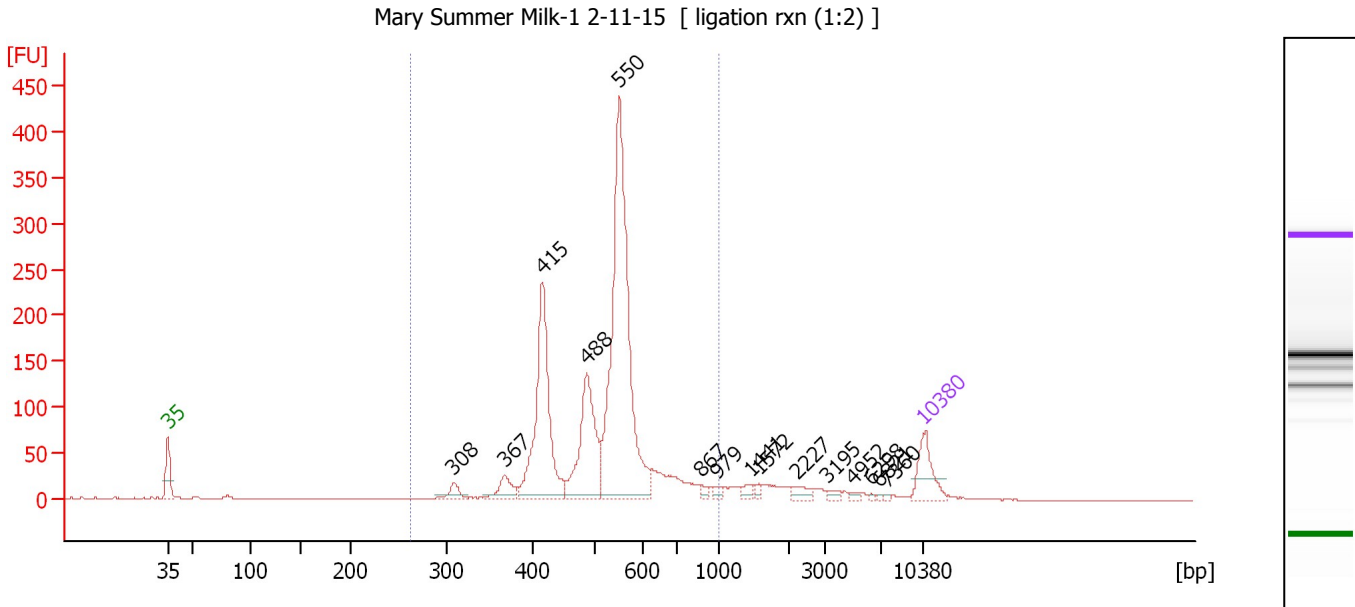
**Region table for sample 7 : MT-CB-TS**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
142	319	1,561	2,537.6	98	35.4	3,044.98	16,146.8	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
 Modified: 2/18/2015 8:33:09 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : Mary Summer Milk-1 2-11-15**

Number of peaks found: 15                      Corr. Area 1: 1,876.1  
 Noise: 0.3

**Peak table for sample 8 : Mary Summer Milk-1 2-11-15**

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	308	34.35	168.9		69.50
3	367	60.50	249.9		74.19
4	415	463.68	1,692.5		77.70
5	488	296.97	921.1		81.86
6	550	911.02	2,508.2		84.82
7	867	11.82	20.6		92.44
8	979	10.92	16.9		93.87
9	1,441	15.47	16.3		96.98
10	1,572	9.81	9.5		97.82
11	2,227	21.46	14.6		101.33
12	3,195	10.22	4.8		104.15
13	4,952	7.07	2.2		106.47
14	6,298	3.33	0.8		108.25
15	6,821	3.00	0.7		108.95
16	7,360	2.71	0.6		109.59
17	10,380	75.00	10.9	Upper Marker	113.00

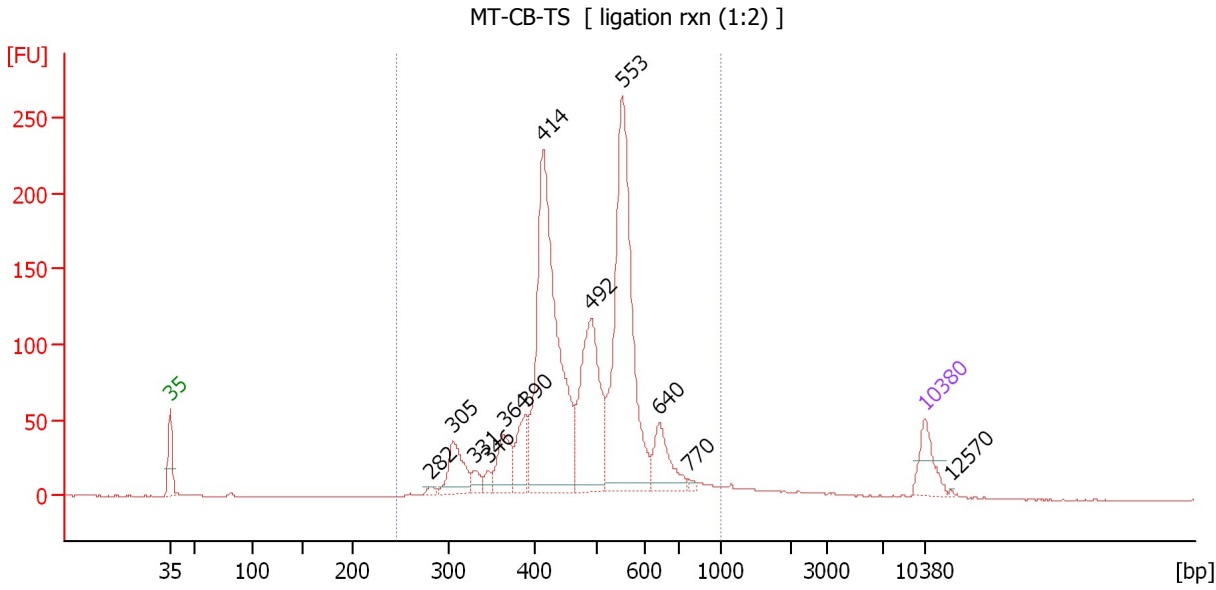
**Region table for sample 8 : Mary Summer Milk-1 2-11-15**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
263	522	1,000	1,876.1	90	19.1	1,906.25	5,787.8	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
 Modified: 2/18/2015 8:33:09 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : MT-CB-TS**

Number of peaks found: 12                      Corr. Area 1: 2,079.5  
 Noise: 0.2

**Peak table for sample 9 : MT-CB-TS**

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	282	10.97	59.1		67.19
3	305	143.85	714.0		69.27
4	331	37.70	172.8		71.30
5	346	24.09	105.5		72.53
6	364	128.59	535.3		73.97
7	390	114.27	444.0		76.05
8	414	989.24	3,622.4		77.63
9	492	453.81	1,396.2		82.08
10	553	830.19	2,274.1		84.95
11	640	127.51	302.1		88.36
12	770	7.14	14.0		91.18
13	10,380	75.00	10.9	Upper Marker	113.00
14	12,570	0.00	0.0		115.47

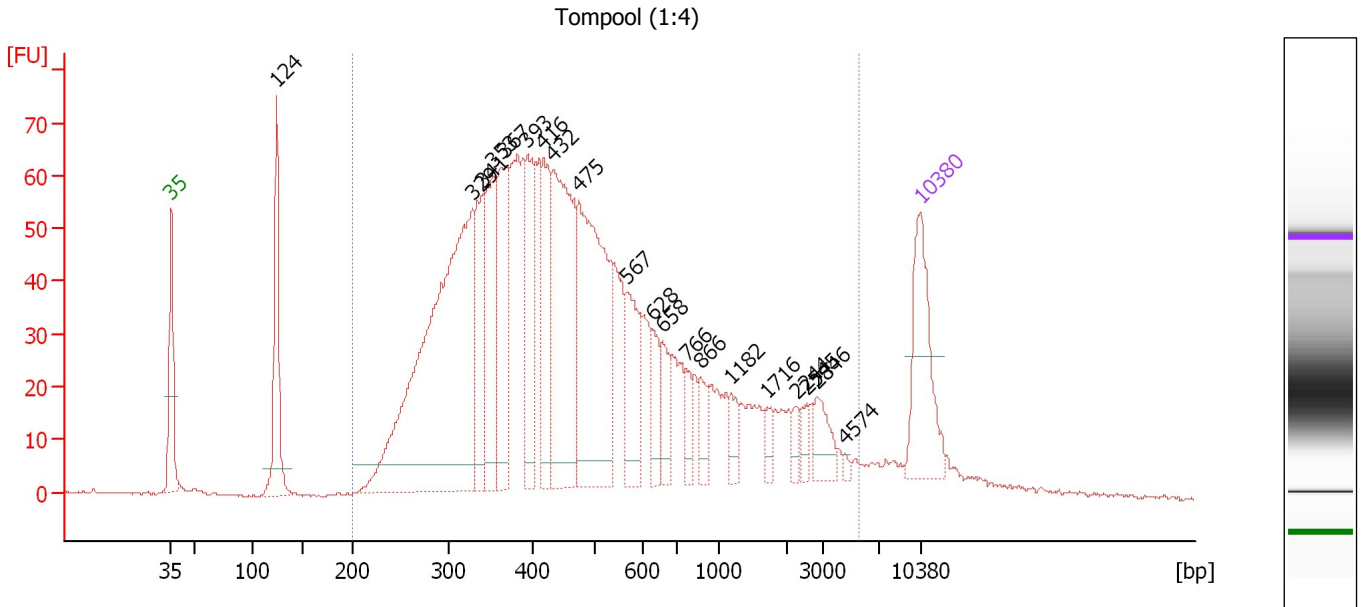
**Region table for sample 9 : MT-CB-TS**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
245	487	1,000	2,079.5	95	21.3	3,115.22	10,295.6	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
 Modified: 2/18/2015 8:33:09 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : Tompool (1:4)**

Number of peaks found: 20      Corr. Area 1: 1,928.4  
 Noise: 0.2

**Peak table for sample 10 : Tompool (1:4)**

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	124	131.63	1,614.8		52.86
3	329	530.47	2,444.7		71.15
4	341	88.03	390.9		72.15
5	353	117.12	502.6		73.09
6	367	118.34	488.1		74.24
7	393	99.21	382.6		76.28
8	416	89.77	326.7		77.78
9	432	220.31	772.3		78.67
10	475	251.03	800.1		81.11
11	567	69.97	186.9		85.60
12	628	31.99	77.2		87.99
13	658	35.91	82.7		88.94
14	766	17.60	34.8		91.13
15	866	21.11	36.9		92.42
16	1,182	15.77	20.2		95.31
17	1,716	10.24	9.0		98.75
18	2,244	10.28	6.9		101.39
19	2,545	11.08	6.6		102.39
20	2,846	24.38	13.0		103.38
21	4,574	2.65	0.9		105.98
22	10,380	75.00	10.9	Upper Marker	113.00




Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
Modified: 2/18/2015 8:33:09 AM

**Electropherogram Summary Continued ...**

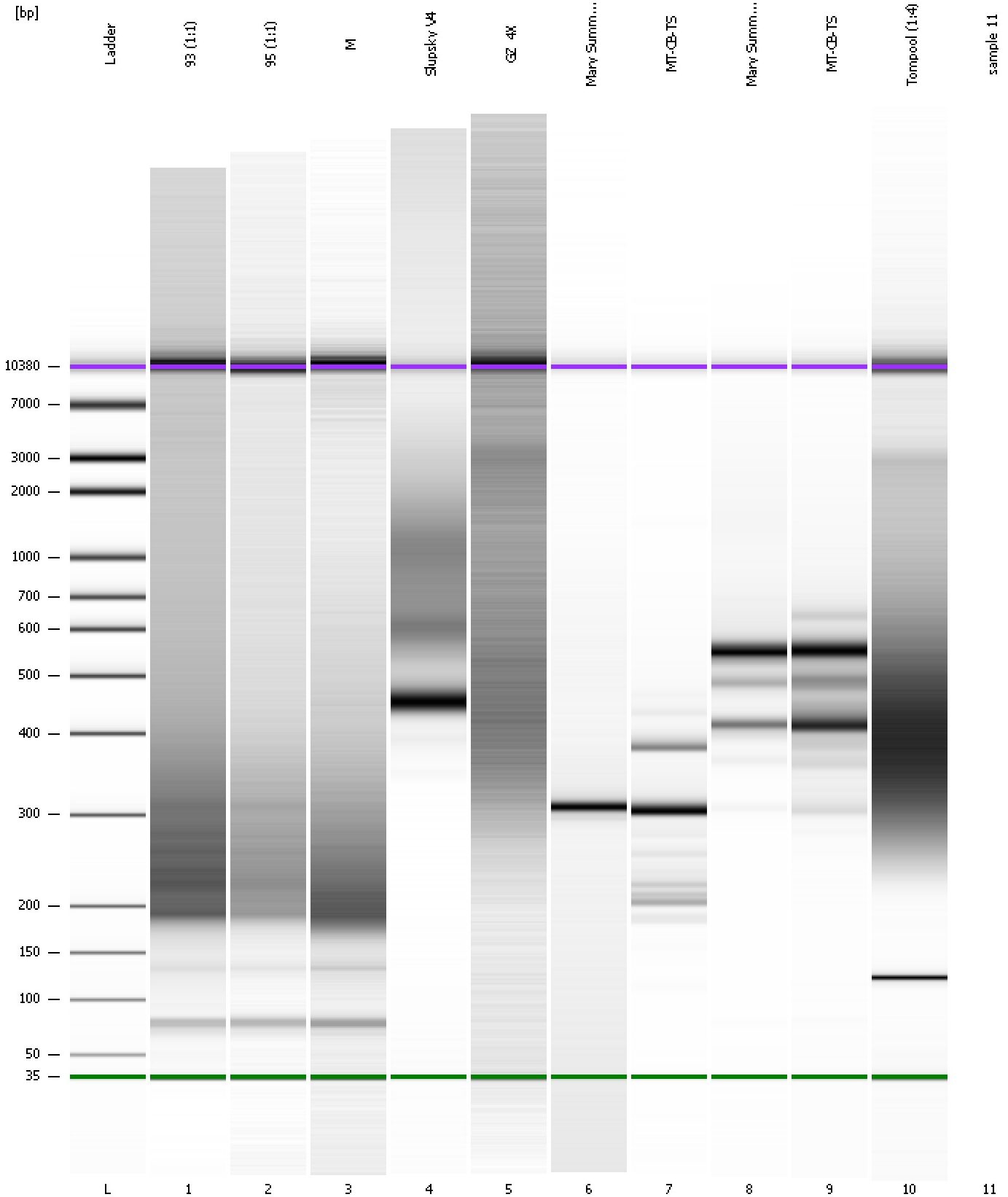
... Region table for sample 10 : Tompool (1:4)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Color
200	681	5,542	1,928.4	94	100.0	2,415.67	8,724.8	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
Modified: 2/18/2015 8:33:09 AM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
Modified: 2/18/2015 8:33:09 AM

**Invalid Samples**

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-17\2015-02-17\_004.xad

Created: 2/17/2015 4:41:49 PM  
 Modified: 2/18/2015 8:33:09 AM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 11)		Instrument	Run		2/17/2015 5:20:16 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-02-17\2015-02-17_004.xad)		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		2/17/2015 4:41:55 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1