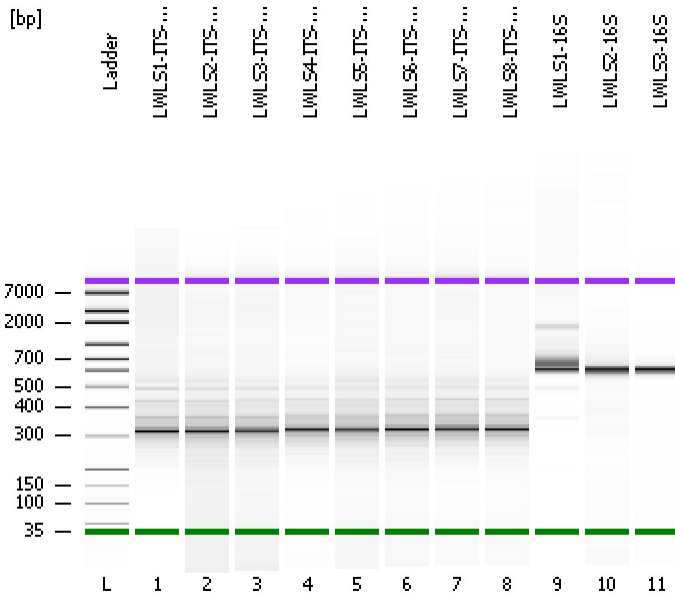


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
Modified: 4/9/2019 10:26:28 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

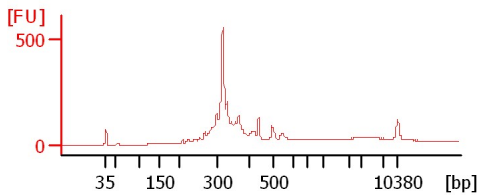
Assay Information:

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

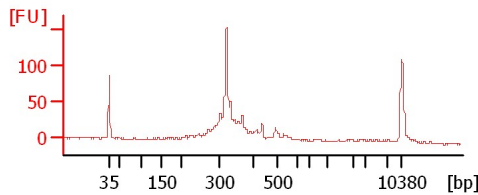
Chip Information:

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

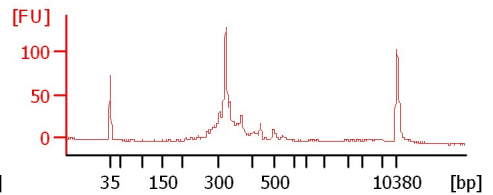
LWLS1-ITS-MILL



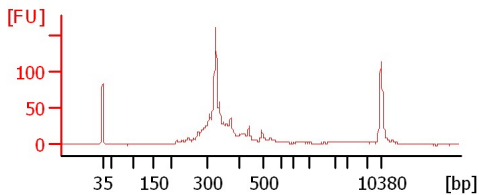
LWLS2-ITS-MILL



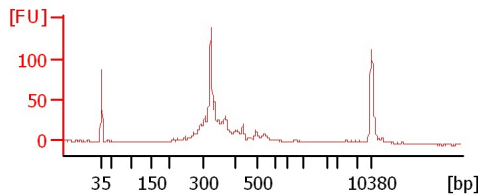
LWLS3-ITS-MILL



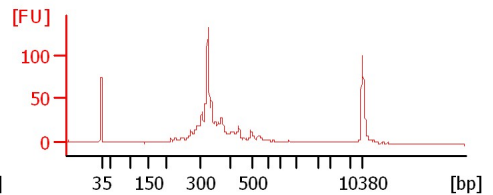
LWLS4-ITS-MILL



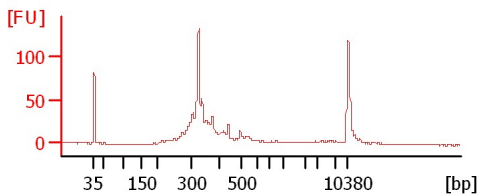
LWLS5-ITS-MILL



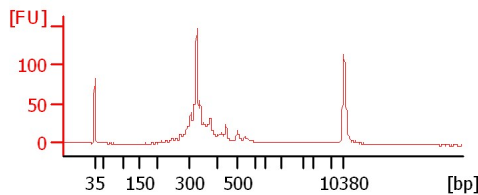
LWLS6-ITS-MILL



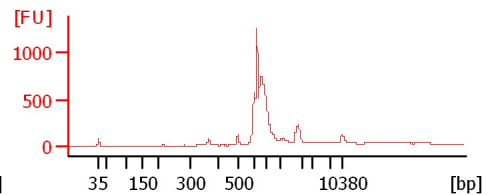
LWLS7-ITS-MILL



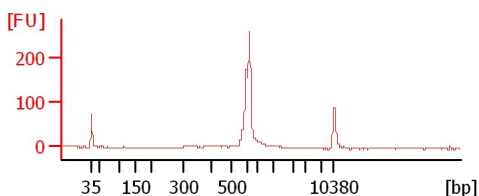
LWLS8-ITS-MILL



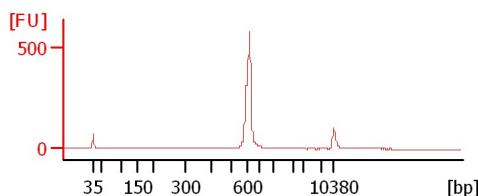
LWLS1-16S



LWLS2-16S



LWLS3-16S



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
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LWLS2-ITS-MILL		<input type="checkbox"/>	✓			
LWLS3-ITS-MILL		<input type="checkbox"/>	✓			
LWLS4-ITS-MILL		<input type="checkbox"/>	✓			
LWLS5-ITS-MILL		<input type="checkbox"/>	✓			
LWLS6-ITS-MILL		<input type="checkbox"/>	✓			
LWLS7-ITS-MILL		<input type="checkbox"/>	✓			
LWLS8-ITS-MILL		<input type="checkbox"/>	✓			
LWLS1-16S		<input type="checkbox"/>	✓			
LWLS2-16S		<input type="checkbox"/>	✓			
LWLS3-16S		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
Modified: 4/9/2019 10:26:28 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

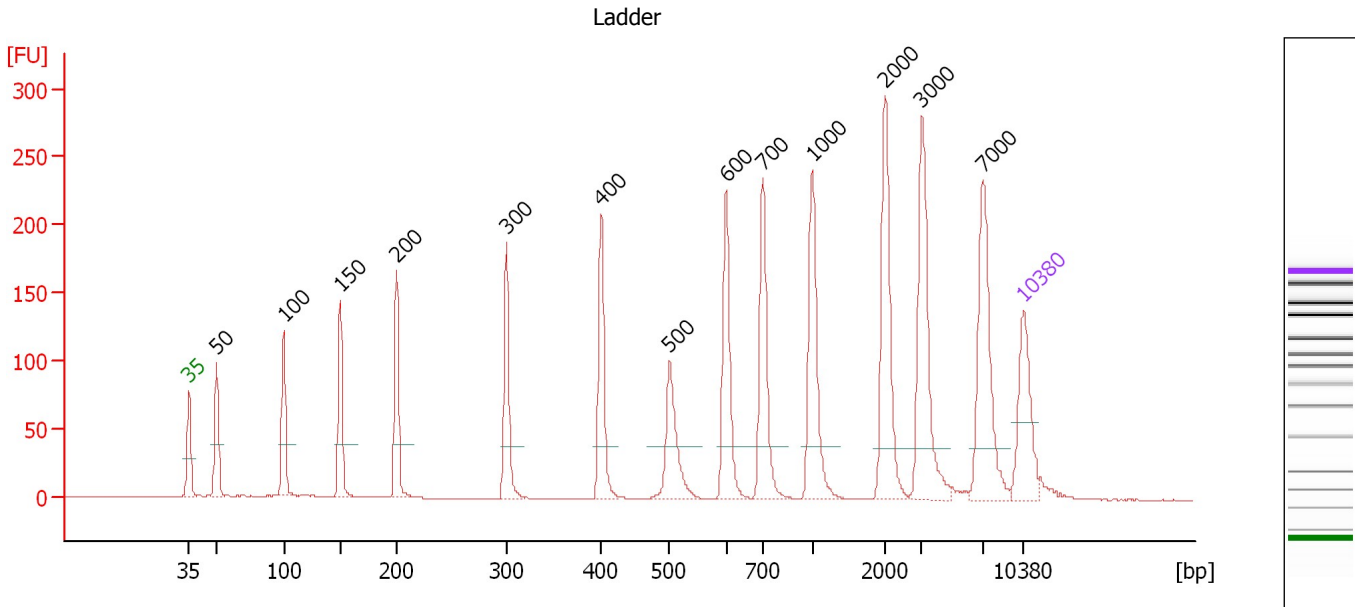
Ladder

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:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

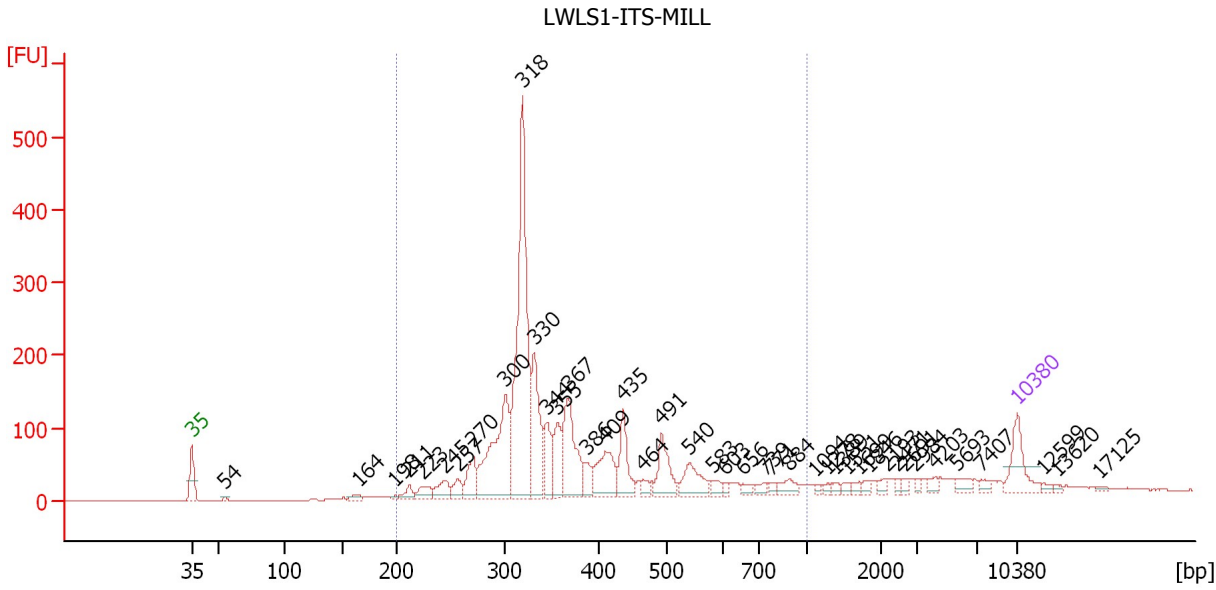
Peak table for Ladder

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	45.33
3	100	150.00	2,272.7	Ladder Peak	50.92
4	150	150.00	1,515.2	Ladder Peak	55.70
5	200	150.00	1,136.4	Ladder Peak	60.40
6	300	150.00	757.6	Ladder Peak	69.61
7	400	150.00	568.2	Ladder Peak	77.58
8	500	150.00	454.5	Ladder Peak	83.30
9	600	150.00	378.8	Ladder Peak	88.04
10	700	150.00	324.7	Ladder Peak	91.13
11	1,000	150.00	227.3	Ladder Peak	95.24
12	2,000	150.00	113.6	Ladder Peak	101.37
13	3,000	150.00	75.8	Ladder Peak	104.46
14	7,000	150.00	32.5	Ladder Peak	109.56
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : LWLS1-ITS-MILL

Number of peaks found: 42 Corr. Area 1: 2,633.7
 Noise: 0.4

Peak table for sample 1 : LWLS1-ITS-MILL

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	54	7.93	221.4		45.80
3	164	15.68	144.4		57.06
4	198	5.77	44.1		60.23
5	211	30.19	216.4		61.45
6	223	42.18	286.3		62.53
7	245	56.63	350.6		64.52
8	257	38.71	228.6		65.61
9	270	82.09	461.0		66.83
10	300	357.62	1,807.8		69.59
11	318	741.88	3,536.2		71.04
12	330	221.06	1,013.8		72.03
13	344	101.81	448.4		73.12
14	355	98.71	420.9		74.02
15	367	219.10	905.3		74.93
16	386	41.47	162.8		76.46
17	409	130.49	483.4		78.09
18	435	105.28	366.6		79.58
19	464	21.87	71.4		81.26
20	491	104.88	323.6		82.79
21	540	84.86	238.2		85.19
22	583	20.91	54.4		87.22
23	603	10.40	26.1		88.13
24	656	15.89	36.7		89.76
25	739	17.14	35.2		91.66

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...

... Peak table for sample 1 : LWLS1-ITS-MILL

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	771	12.30	24.2		92.11
27	884	28.32	48.6		93.65
28	1,094	7.14	9.9		95.82
29	1,278	8.10	9.6		96.95
30	1,389	8.37	9.1		97.63
31	1,551	9.28	9.1		98.62
32	1,699	9.85	8.8		99.52
33	1,846	10.95	9.0		100.43
34	2,193	11.52	8.0		101.97
35	2,471	8.30	5.1		102.83
36	2,691	9.52	5.4		103.50
37	2,984	8.33	4.2		104.41
38	4,203	13.31	4.8		105.99
39	5,693	18.77	5.0		107.89
40	7,407	11.62	2.4		109.97
41	10,380	75.00	10.9	Upper Marker	113.00
42	12,599	0.00	0.0		115.26
43	13,620	0.00	0.0		116.30
44	17,125	0.00	0.0		119.87

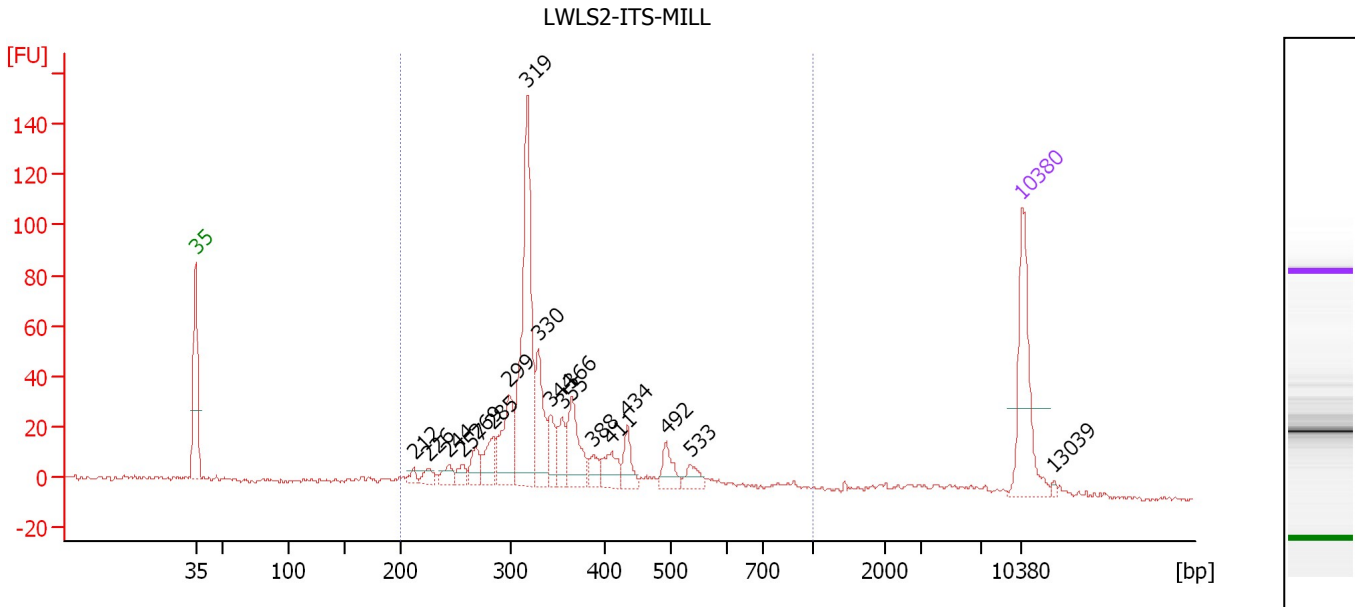
Region table for sample 1 : LWLS1-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	379	2,546.76	2,633.7	11,218.0	88	32.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : LWLS2-ITS-MILL

Number of peaks found: 18 Corr. Area 1: 672.4
 Noise: 1.0

Peak table for sample 2 : LWLS2-ITS-MILL

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	212	8.03	57.5		61.47
3	226	11.61	77.9		62.78
4	244	14.05	87.3		64.45
5	257	11.98	70.7		65.63
6	269	22.39	125.9		66.80
7	285	28.99	154.3		68.20
8	299	67.58	342.0		69.55
9	319	214.38	1,019.7		71.09
10	330	64.16	294.2		72.04
11	344	28.69	126.3		73.12
12	355	25.81	110.0		74.03
13	366	56.10	232.5		74.84
14	388	15.97	62.3		76.65
15	411	25.26	93.0		78.23
16	434	23.20	80.9		79.54
17	492	22.26	68.6		82.83
18	533	16.13	45.9		84.86
19	10,380	75.00	10.9	Upper Marker	113.00
20	13,039	0.00	0.0		115.71

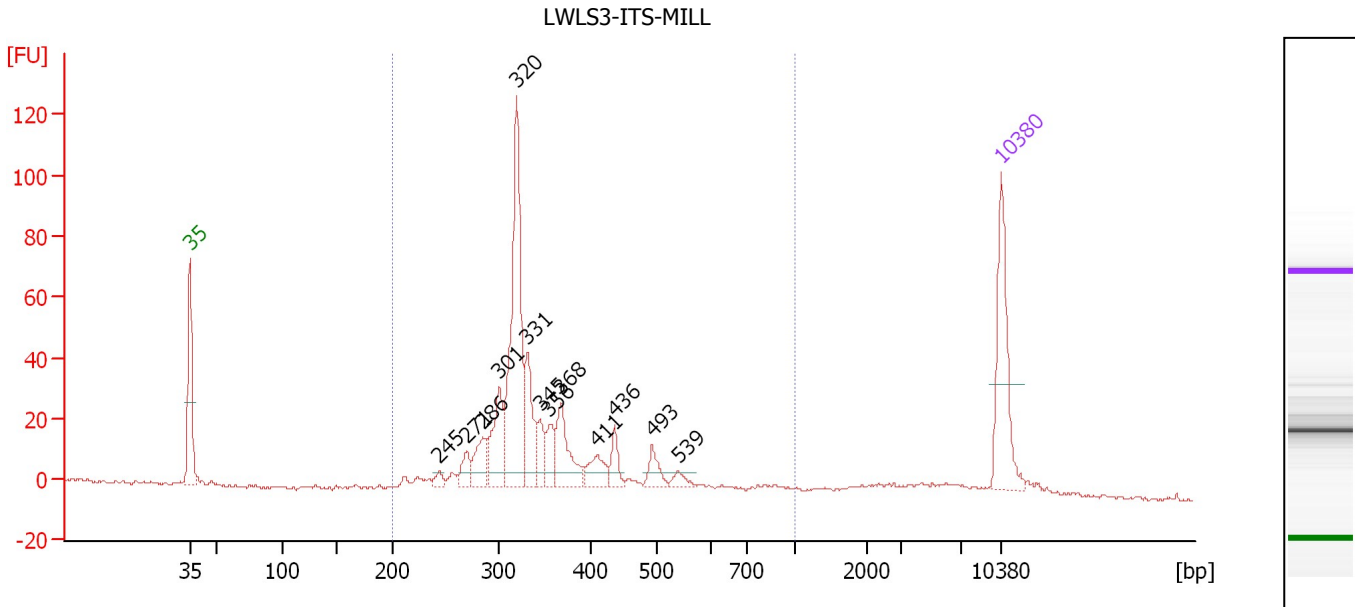
Region table for sample 2 : LWLS2-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	360	689.38	672.4	3,121.5	92	28.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : LWLS3-ITS-MILL

Number of peaks found: 13 Corr. Area 1: 520.5
 Noise: 0.5

Peak table for sample 3 : LWLS3-ITS-MILL

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	245	9.47	58.7		64.51
3	271	20.53	115.0		66.90
4	286	35.81	190.0		68.28
5	301	61.43	309.6		69.66
6	320	217.72	1,029.9		71.23
7	331	62.78	287.1		72.11
8	345	24.23	106.4		73.21
9	356	27.04	115.2		74.04
10	368	56.44	232.5		75.01
11	411	26.22	96.7		78.18
12	436	19.27	66.9		79.66
13	493	18.56	57.1		82.88
14	539	8.69	24.4		85.14
15	10,380	75.00	10.9	Upper Marker	113.00

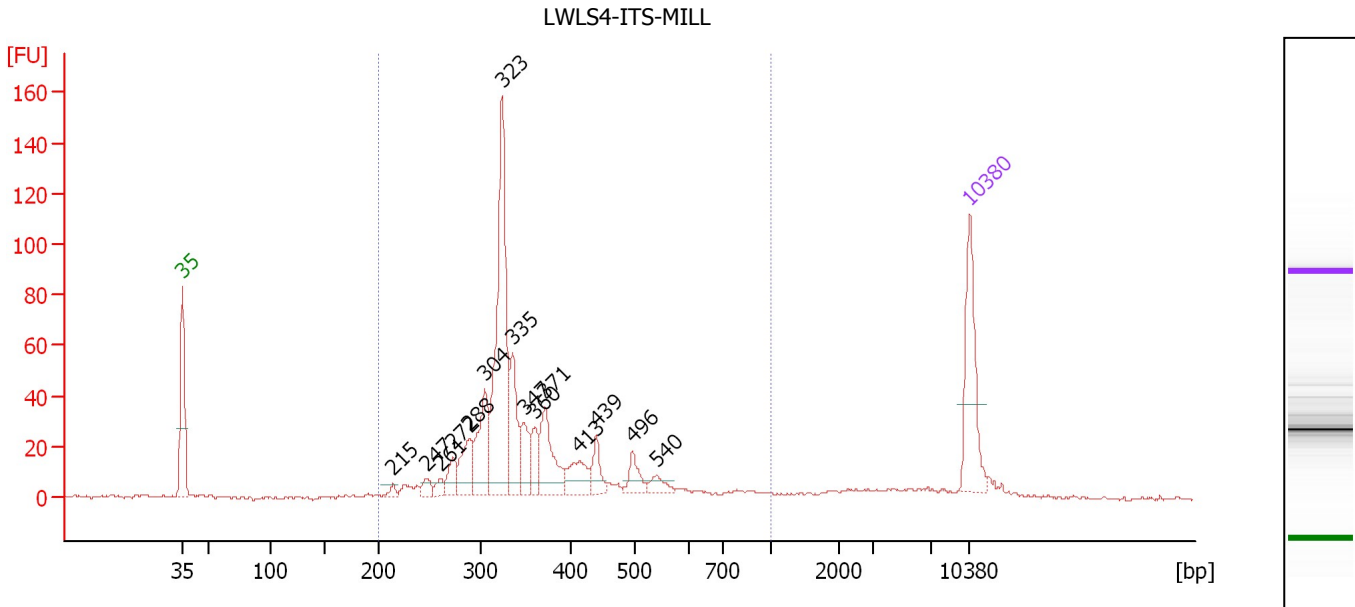
Region table for sample 3 : LWLS3-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	358	636.26	520.5	2,865.7	91	27.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : LWLS4-ITS-MILL

Number of peaks found: 15 Corr. Area 1: 706.8
 Noise: 0.6

Peak table for sample 4 : LWLS4-ITS-MILL

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	215	7.47	52.6		61.77
3	247	12.78	78.5		64.71
4	261	10.97	63.8		65.99
5	272	25.28	140.6		67.08
6	288	47.35	248.8		68.55
7	304	77.83	388.1		69.92
8	323	254.65	1,194.9		71.44
9	335	67.50	305.5		72.38
10	347	36.70	160.1		73.38
11	360	29.77	125.4		74.37
12	371	68.18	278.3		75.27
13	413	36.20	132.9		78.31
14	439	24.29	83.8		79.82
15	496	22.56	69.0		83.05
16	540	13.21	37.1		85.18
17	10,380	75.00	10.9	Upper Marker	113.00

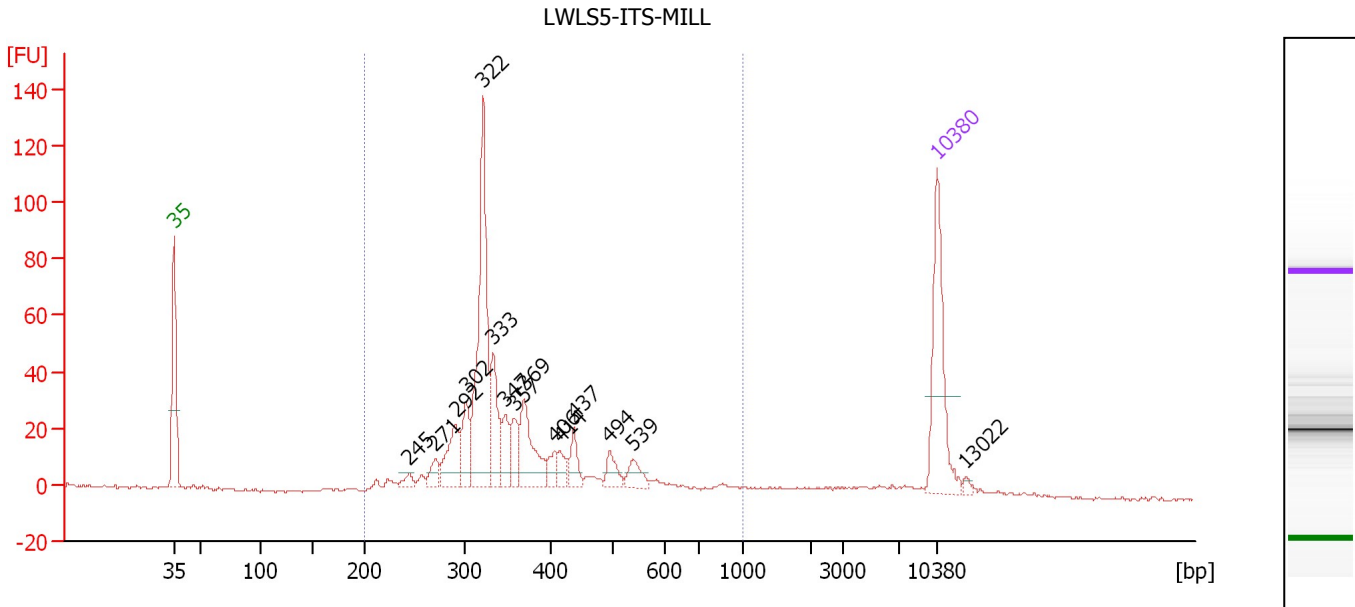
Region table for sample 4 : LWLS4-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	363	818.75	706.8	3,664.3	92	28.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : LMLS5-ITS-MILL

Number of peaks found: 15 Corr. Area 1: 602.9
 Noise: 0.6

Peak table for sample 5 : LMLS5-ITS-MILL

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	245	7.89	48.7		64.59
3	271	14.61	81.6		66.99
4	292	45.51	236.4		68.85
5	302	37.06	185.9		69.78
6	322	182.39	857.3		71.39
7	333	52.20	237.2		72.27
8	347	26.20	114.4		73.35
9	357	24.82	105.2		74.18
10	369	57.15	234.6		75.11
11	406	14.34	53.6		77.90
12	414	13.78	50.4		78.39
13	437	18.41	63.8		79.71
14	494	15.75	48.3		82.94
15	539	15.46	43.5		85.15
16	10,380	75.00	10.9	Upper Marker	113.00
17	13,022	0.00	0.0		115.69

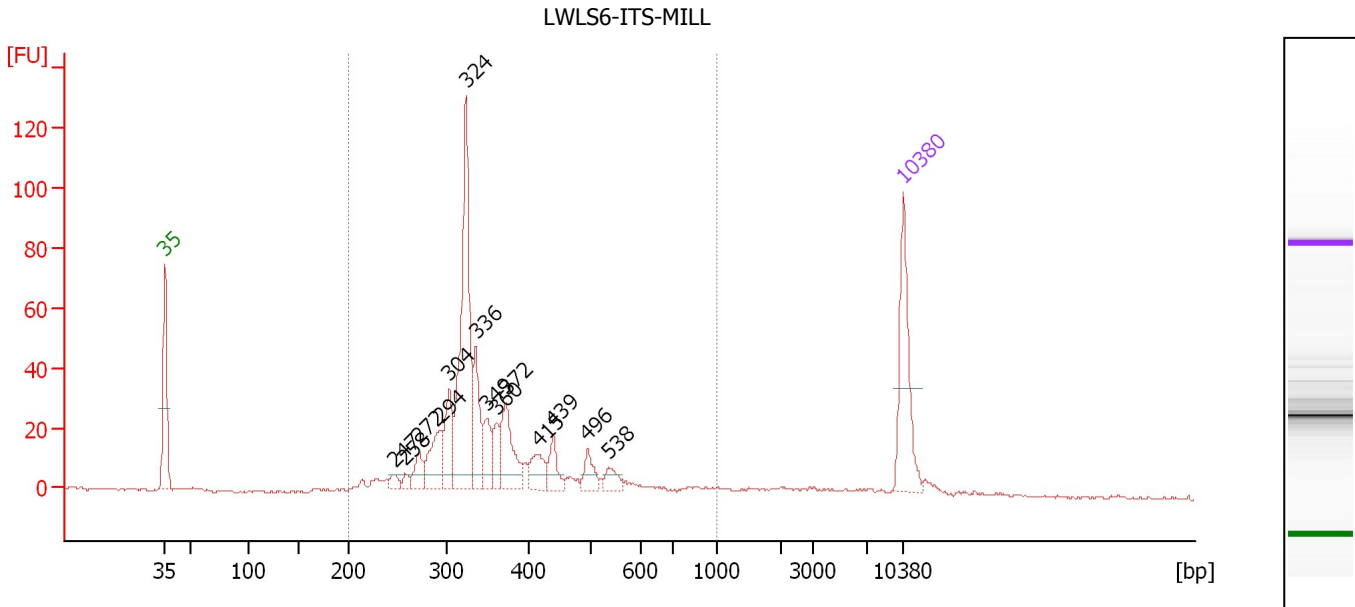
Region table for sample 5 : LMLS5-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	371	607.23	602.9	2,673.3	93	28.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : LWLS6-ITS-MILL

Number of peaks found: 14 Corr. Area 1: 565.0
 Noise: 0.4

Peak table for sample 6 : LWLS6-ITS-MILL

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	247	11.18	68.7		64.70
3	258	8.23	48.3		65.76
4	272	23.19	129.0		67.08
5	294	56.22	289.9		69.05
6	304	53.72	267.5		69.96
7	324	226.76	1,060.4		71.53
8	336	62.06	279.8		72.49
9	349	33.76	146.4		73.55
10	360	26.19	110.1		74.41
11	372	65.27	266.1		75.32
12	415	29.02	105.9		78.46
13	439	23.66	81.6		79.82
14	496	20.43	62.4		83.06
15	538	14.56	41.0		85.08
16	10,380	75.00	10.9	Upper Marker	113.00

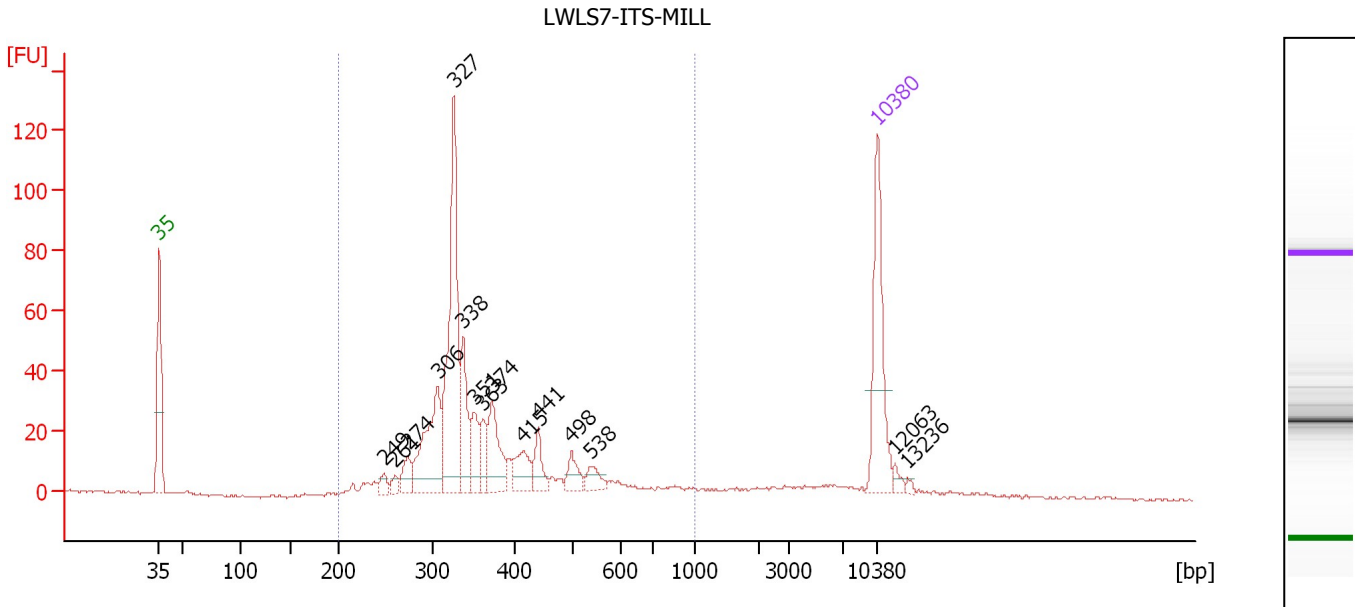
Region table for sample 6 : LWLS6-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	365	735.29	565.0	3,274.6	94	27.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : LWLS7-ITS-MILL

Number of peaks found: 15 Corr. Area 1: 628.3
 Noise: 0.4

Peak table for sample 7 : LWLS7-ITS-MILL

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	249	9.94	60.6		64.88
3	261	8.12	47.1		66.02
4	274	19.69	108.9		67.22
5	306	96.33	476.3		70.13
6	327	184.74	856.8		71.74
7	338	51.66	231.7		72.62
8	351	30.87	133.1		73.71
9	363	21.49	89.8		74.60
10	374	49.52	200.8		75.48
11	415	26.90	98.2		78.44
12	441	21.25	72.9		79.95
13	498	16.58	50.5		83.17
14	538	13.59	38.3		85.09
15	10,380	75.00	10.9	Upper Marker	113.00
16	12,063	0.00	0.0		114.71
17	13,236	0.00	0.0		115.91

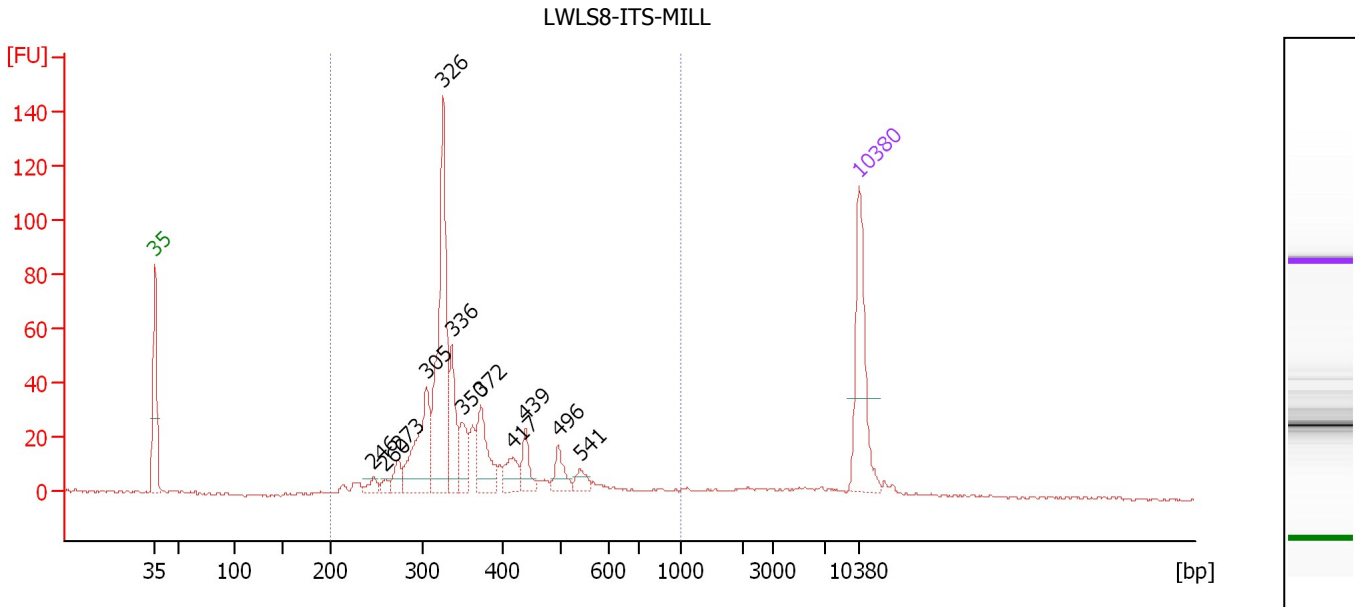
Region table for sample 7 : LWLS7-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	377	646.34	628.3	2,824.0	88	30.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : LWLS8-ITS-MILL

Number of peaks found: 12 Corr. Area 1: 620.8
 Noise: 0.3

Peak table for sample 8 : LWLS8-ITS-MILL

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	246	10.61	65.3		64.67
3	260	6.81	39.8		65.89
4	273	17.86	99.0		67.16
5	305	93.94	467.4		69.97
6	326	198.75	924.3		71.67
7	336	51.60	232.4		72.52
8	350	33.62	145.6		73.58
9	372	52.93	215.4		75.38
10	417	23.63	85.8		78.56
11	439	22.67	78.2		79.83
12	496	20.37	62.3		83.06
13	541	11.71	32.8		85.23
14	10,380	75.00	10.9	Upper Marker	113.00

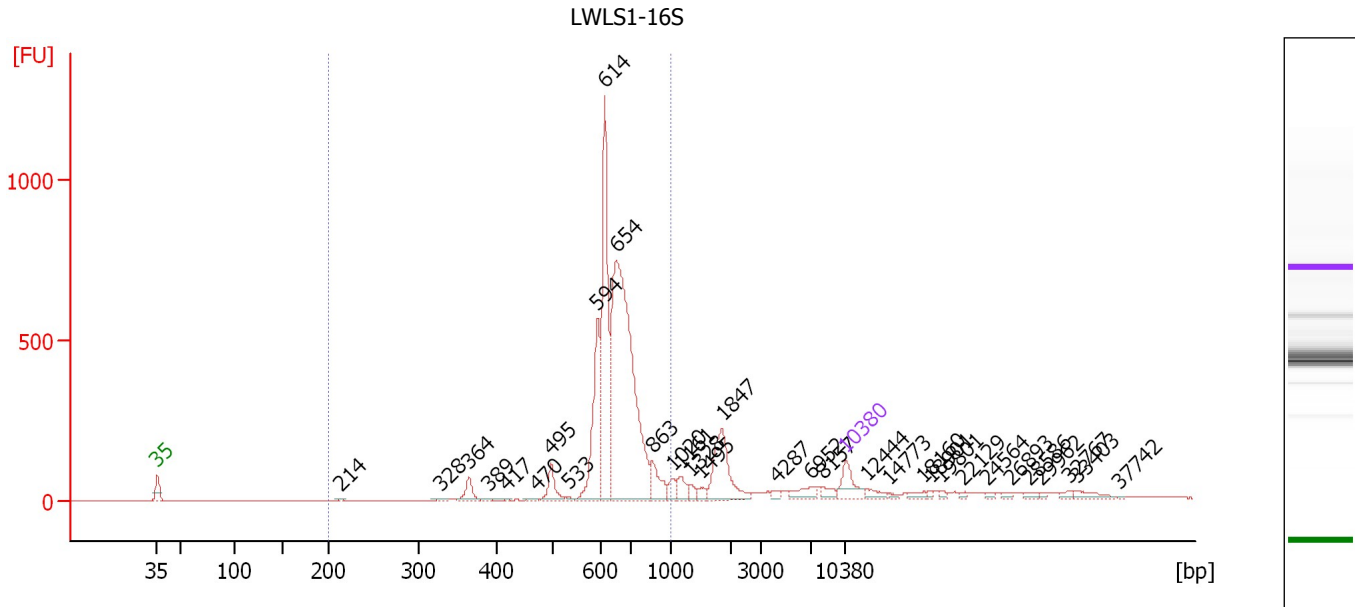
Region table for sample 8 : LWLS8-ITS-MILL

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	370	639.85	620.8	2,811.2	90	28.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : LWLS1-16S

Number of peaks found: 33 Corr. Area 1: 3,858.2
 Noise: 0.4

Peak table for sample 9 : LWLS1-16S

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	214	5.94	42.0		61.71
3	328	9.17	42.4		71.85
4	364	59.62	248.2		74.71
5	389	7.50	29.2		76.71
6	417	3.43	12.5		78.54
7	470	8.58	27.7		81.56
8	495	77.29	236.6		83.02
9	533	6.36	18.1		84.85
10	594	328.02	836.6		87.76
11	614	598.73	1,478.4		88.46
12	654	1,304.63	3,023.3		89.70
13	863	89.68	157.4		93.37
14	1,020	31.20	46.3		95.37
15	1,161	42.61	55.6		96.23
16	1,328	21.60	24.6		97.25
17	1,495	18.36	18.6		98.28
18	1,847	203.62	167.0		100.43
19	4,287	11.48	4.1		106.10
20	6,952	42.14	9.2		109.49
21	8,157	23.03	4.3		110.73
22	10,380	75.00	10.9	Upper Marker	113.00
23	12,444	0.00	0.0		115.10
24	14,773	0.00	0.0		117.48
25	18,160	0.00	0.0		120.93

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 9 : LWLS1-16S

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	18,901	0.00	0.0		121.68
27	19,801	0.00	0.0		122.60
28	22,129	0.00	0.0		124.97
29	24,564	0.00	0.0		127.45
30	26,893	0.00	0.0		129.83
31	28,586	0.00	0.0		131.55
32	29,962	0.00	0.0		132.95
33	32,767	0.00	0.0		135.81
34	33,403	0.00	0.0		136.46
35	37,743	0.00	0.0		140.88

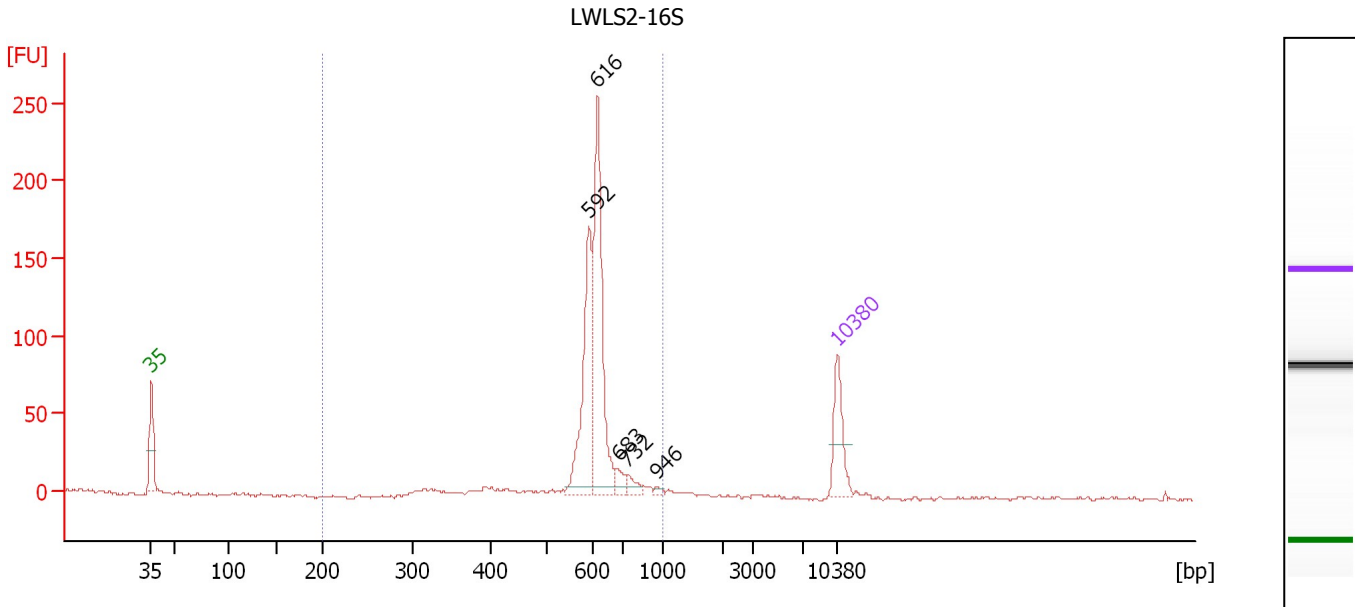
Region table for sample 9 : LWLS1-16S

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	657	2,439.76	3,858.2	5,771.0	 77	13.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
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Electropherogram Summary Continued ...



Overall Results for sample 10 : LWLS2-16S

Number of peaks found: 5 Corr. Area 1: 575.7
 Noise: 0.9

Peak table for sample 10 : LWLS2-16S

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	592	236.91	606.5		87.65
3	616	335.99	826.9		88.52
4	683	21.96	48.7		90.59
5	732	19.11	39.5		91.57
6	946	6.12	9.8		94.51
7	10,380	75.00	10.9	Upper Marker	113.00

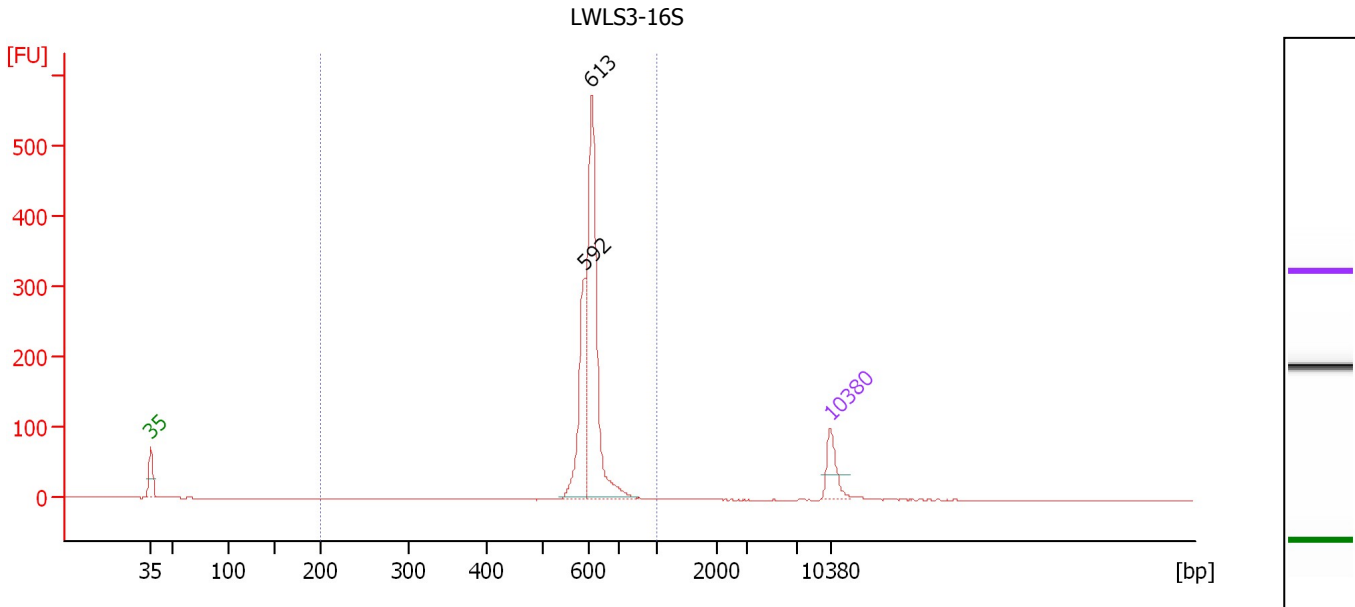
Region table for sample 10 : LWLS2-16S

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	610	670.62	575.7	1,705.4	97	12.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : LWLS3-16S

Number of peaks found: 2 Corr. Area 1: 998.9
 Noise: 0.2

Peak table for sample 11 : LWLS3-16S

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	592	279.71	715.7		87.67
3	613	676.66	1,672.8		88.44
4	10,380	75.00	10.9	Upper Marker	113.00

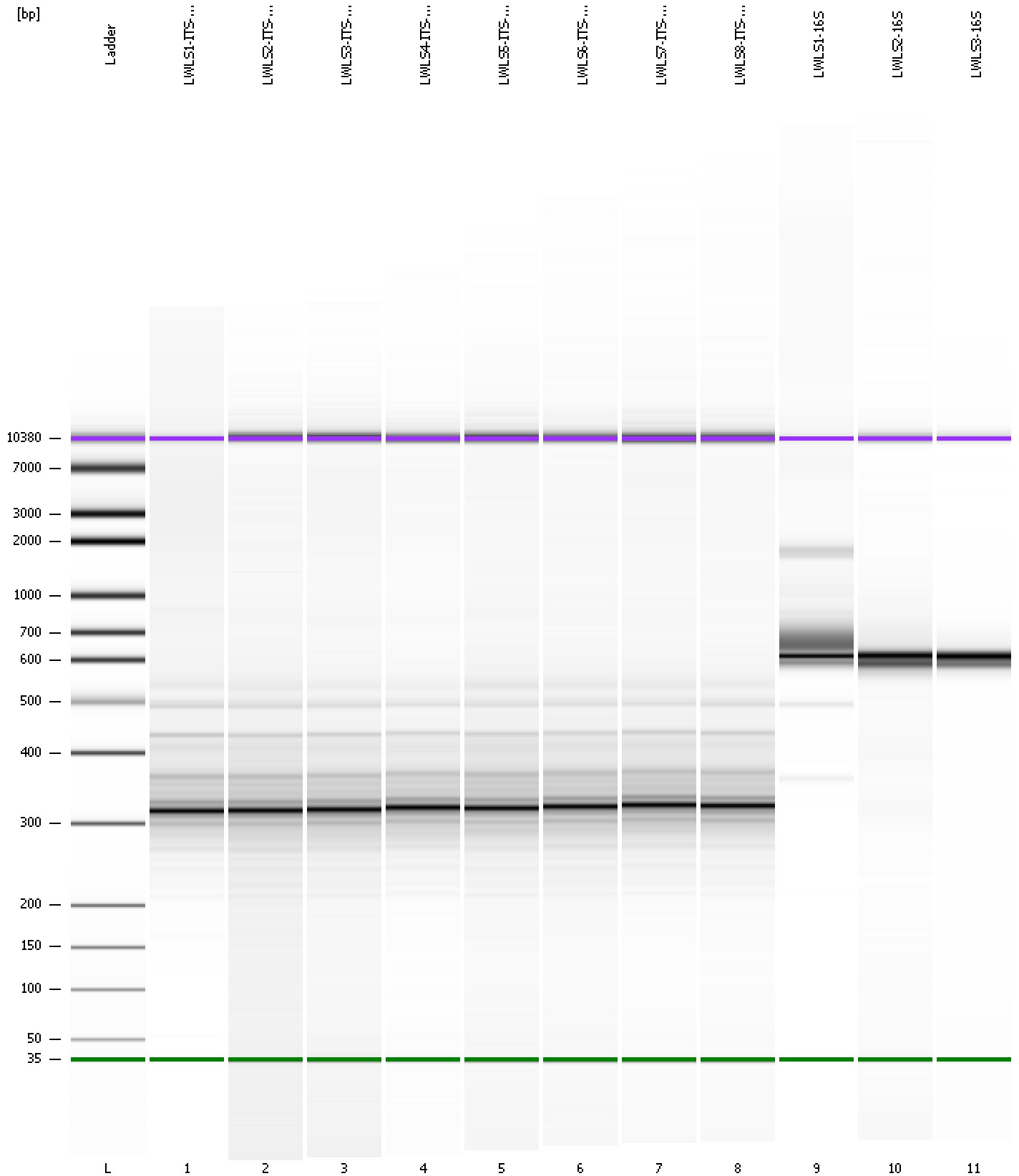
Region table for sample 11 : LWLS3-16S

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	612	953.03	998.9	2,363.3	98	5.6

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
Modified: 4/9/2019 10:26:28 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad

Created: 4/9/2019 9:45:10 AM
 Modified: 4/9/2019 10:26:28 AM

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		4/9/2019 10:26:27 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-04-09\2019-04-09_001.xad)		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		4/9/2019 9:45:16 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1