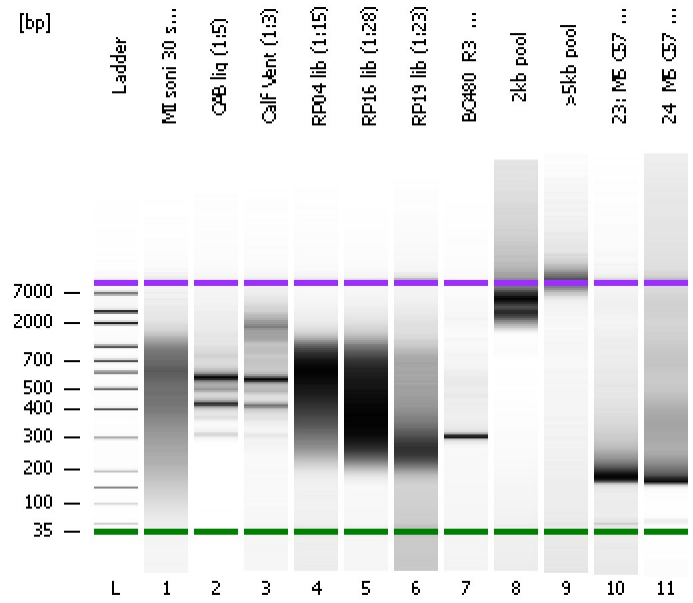
Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electrophoresis File Run Summary



Instrument Information:

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

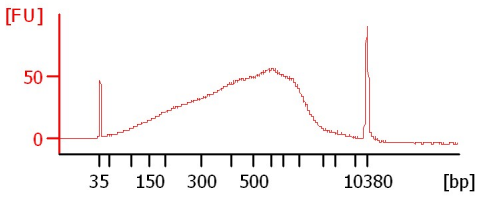
Assay Information:

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

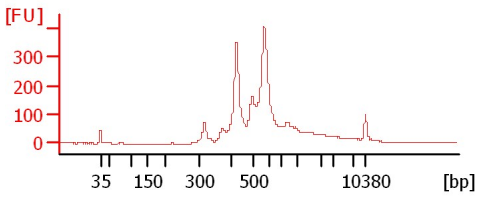
Chip Information:

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

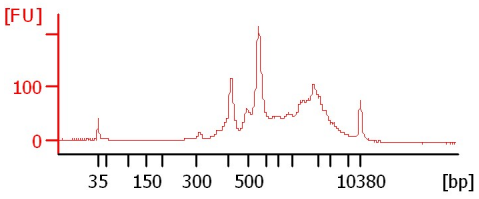
MI soni 30 sec (1:3)



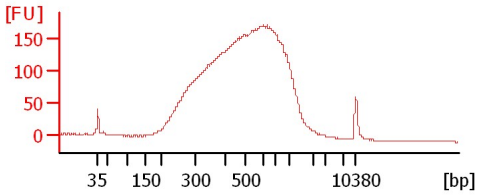
CAB lig (1:5)



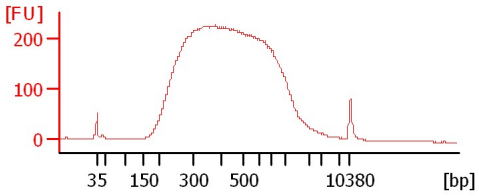
Calf Vent (1:3)



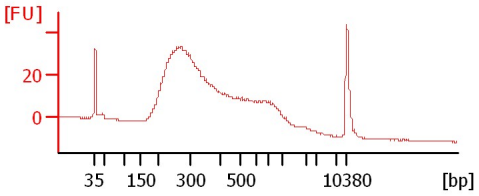
RP04 lib (1:15)



RP16 lib (1:28)

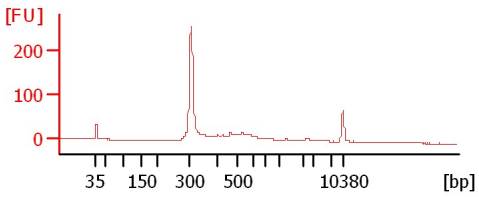


RP19 lib (1:23)

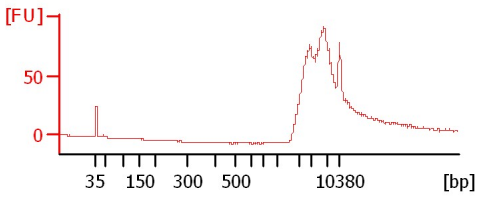


BC480_R3_NZ amplicon QC (1:38)

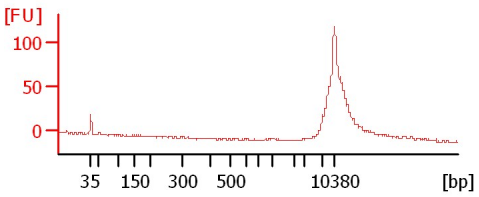
MiSeq_318



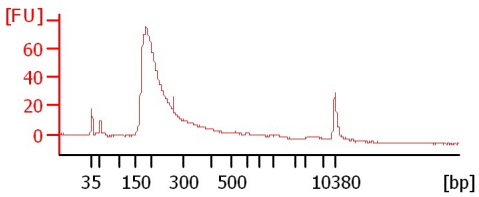
2kb pool



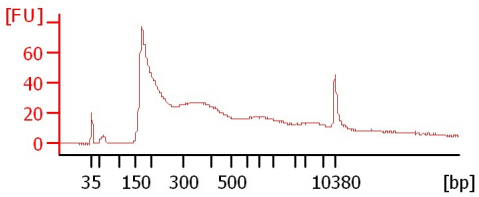
>5kb pool



23: M5 C57 LSP1 (1:2)



24 M5 C57 LSP2 (1:2)



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MI soni 30 sec (1:3)		☐	✔			
CAB lig (1:5)		☐	✔			
Calf Vent (1:3)		☐	✔			
RP04 lib (1:15)		☐	✔			
RP16 lib (1:28)		☐	✔			
RP19 lib (1:23)		☐	✔			
BC480_R3_NZ amplicon QC (1:38) MiSeq_318		☐	✔			
2kb pool		☐	✔			
>5kb pool		☐	✔			
23: M5 C57 LSP1 (1:2)		☐	✔			
24 M5 C57 LSP2 (1:2)		☐	✔			
Ladder		☐	✔			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad
Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 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

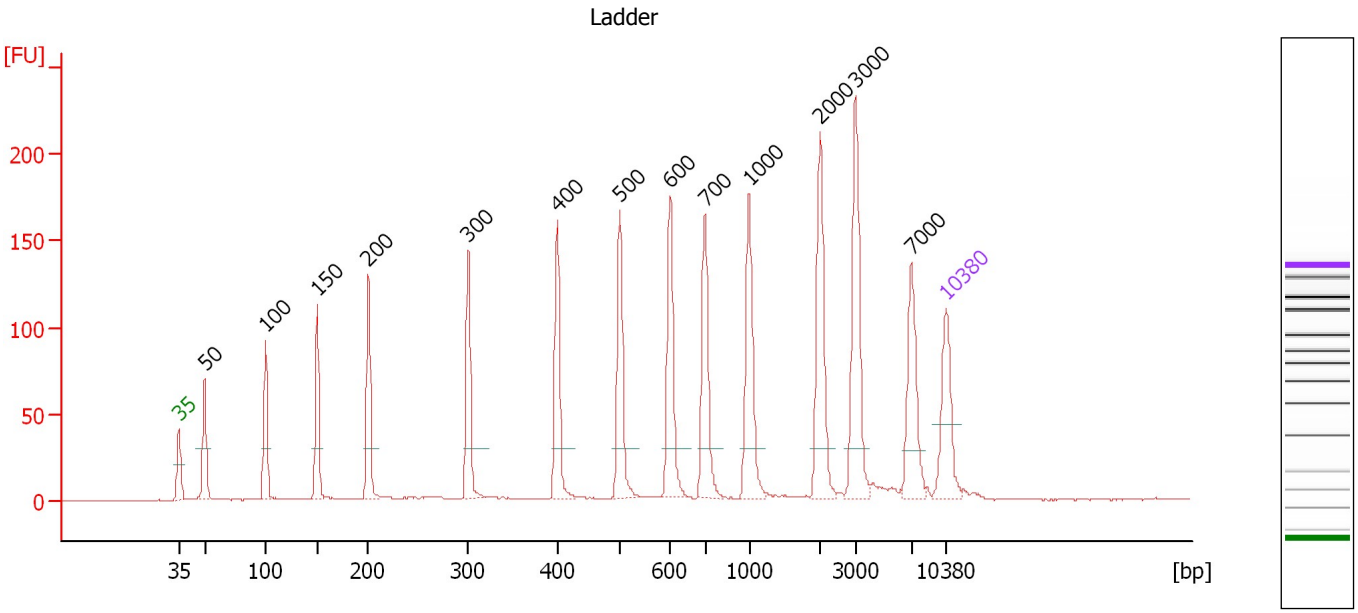
Ladder

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:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

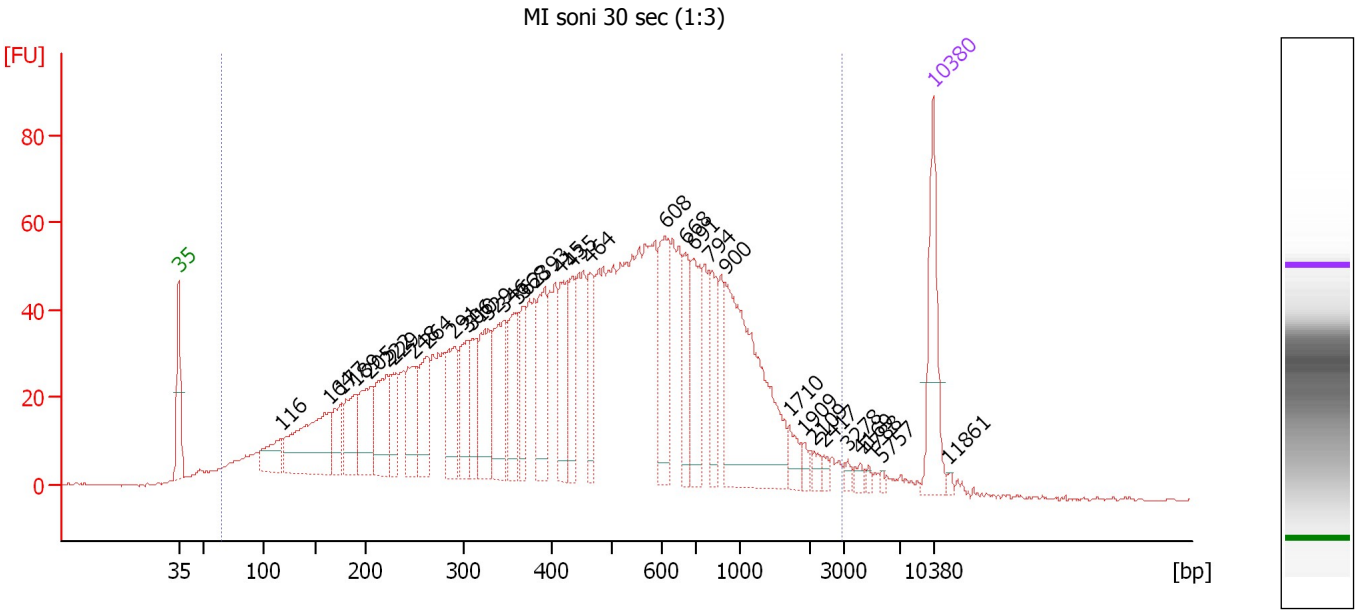
Peak table for Ladder

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	50.93
4		150	150.00	1,515.2	Ladder Peak	55.65
5		200	150.00	1,136.4	Ladder Peak	60.32
6		300	150.00	757.6	Ladder Peak	69.41
7		400	150.00	568.2	Ladder Peak	77.54
8		500	150.00	454.5	Ladder Peak	83.23
9		600	150.00	378.8	Ladder Peak	87.85
10		700	150.00	324.7	Ladder Peak	91.01
11		1,000	150.00	227.3	Ladder Peak	95.05
12		2,000	150.00	113.6	Ladder Peak	101.52
13		3,000	150.00	75.8	Ladder Peak	104.73
14		7,000	150.00	32.5	Ladder Peak	109.84
15		10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : MI soni 30 sec (1:3)

Number of peaks found:	34	Corr. Area 1:	2,379.0
Noise:	0.2		

Peak table for sample 1 : MI soni 30 sec (1:3)

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	116	53.69	700.6		52.45
3	164	165.36	1,528.2		56.95
4	177	49.48	424.4		58.14
5	189	71.25	570.1		59.33
6	205	81.71	604.3		60.76
7	222	93.71	638.8		62.34
8	229	42.36	280.5		62.94
9	248	72.79	444.1		64.72
10	264	81.70	469.6		66.10
11	291	88.06	458.8		68.58
12	306	67.74	336.0		69.86
13	310	50.99	248.9		70.26
14	329	87.81	404.8		71.74
15	346	103.88	454.5		73.18
16	362	76.41	320.2		74.41
17	368	51.09	210.2		74.96
18	393	84.96	327.9		76.94
19	415	70.82	258.8		78.37
20	435	67.20	234.3		79.51
21	464	54.69	178.5		81.19
22	608	95.78	238.5		88.12
23	668	54.89	124.5		90.00
24	691	84.34	184.8		90.74
25	794	61.86	118.1		92.27

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : MI soni 30 sec (1:3)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	900	242.18	407.6		93.71
27	1,710	16.35	14.5		99.64
28	1,909	8.45	6.7		100.93
29	2,109	7.43	5.3		101.87
30	2,417	5.55	3.5		102.86
31	3,278	4.81	2.2		105.08
32	4,169	5.58	2.0		106.22
33	4,788	3.59	1.1		107.01
34	5,757	3.05	0.8		108.25
35	10,380	75.00	10.9	Upper Marker	113.00
36	11,861	0.00	0.0		114.39

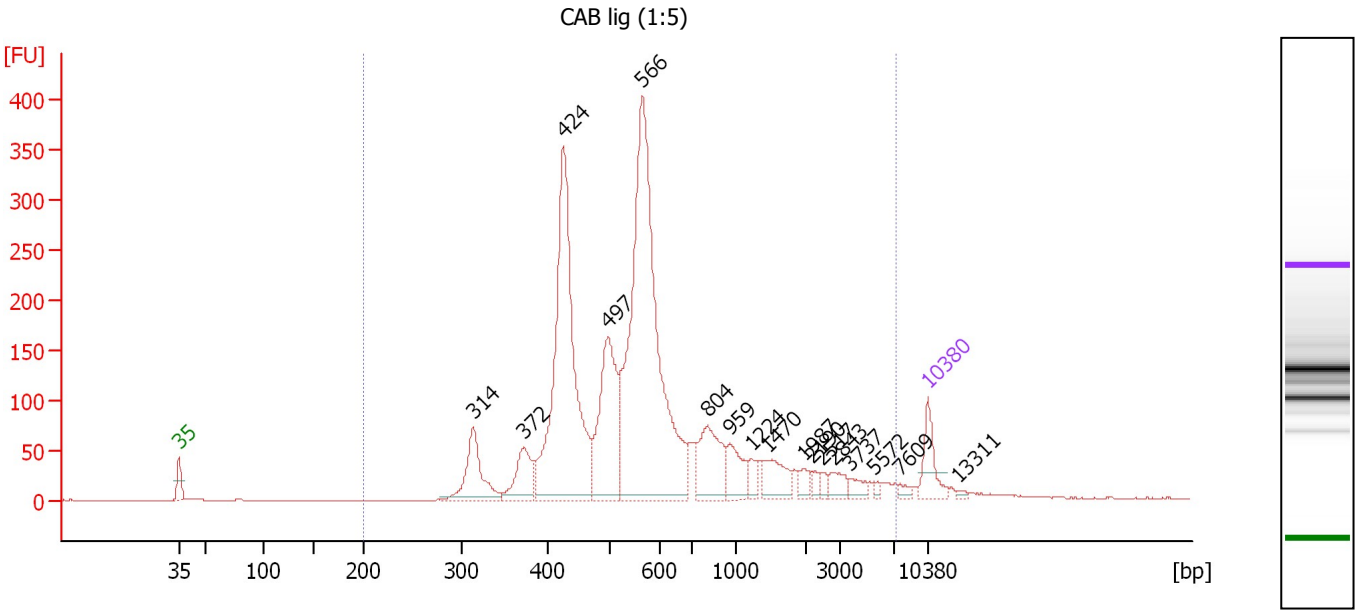
Region table for sample 1 : MI soni 30 sec (1:3)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color	Conc. [pg/µl]	% of Total	Size distribution in CV [%]
64	2,947	557	2,379.0	18,194.8		3,622.25	97	72.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : CAB lig (1:5)

Number of peaks found:	17	Corr. Area 1:	3,544.4
Noise:	0.2		

Peak table for sample 2 : CAB lig (1:5)

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	314	213.42	1,031.0		70.52
3	372	133.07	542.1		75.26
4	424	1,010.58	3,612.2		78.90
5	497	406.17	1,237.1		83.09
6	566	1,356.07	3,630.5		86.28
7	804	193.70	365.2		92.41
8	959	92.38	145.9		94.50
9	1,224	34.73	43.0		96.50
10	1,470	84.98	87.6		98.09
11	1,987	27.26	20.8		101.43
12	2,190	17.62	12.2		102.13
13	2,517	13.35	8.0		103.18
14	2,843	37.34	19.9		104.23
15	3,737	26.80	10.9		105.67
16	5,572	8.48	2.3		108.01
17	7,609	13.33	2.7		110.41
18	10,380	75.00	10.9	Upper Marker	113.00
19	13,311	0.00	0.0		115.74

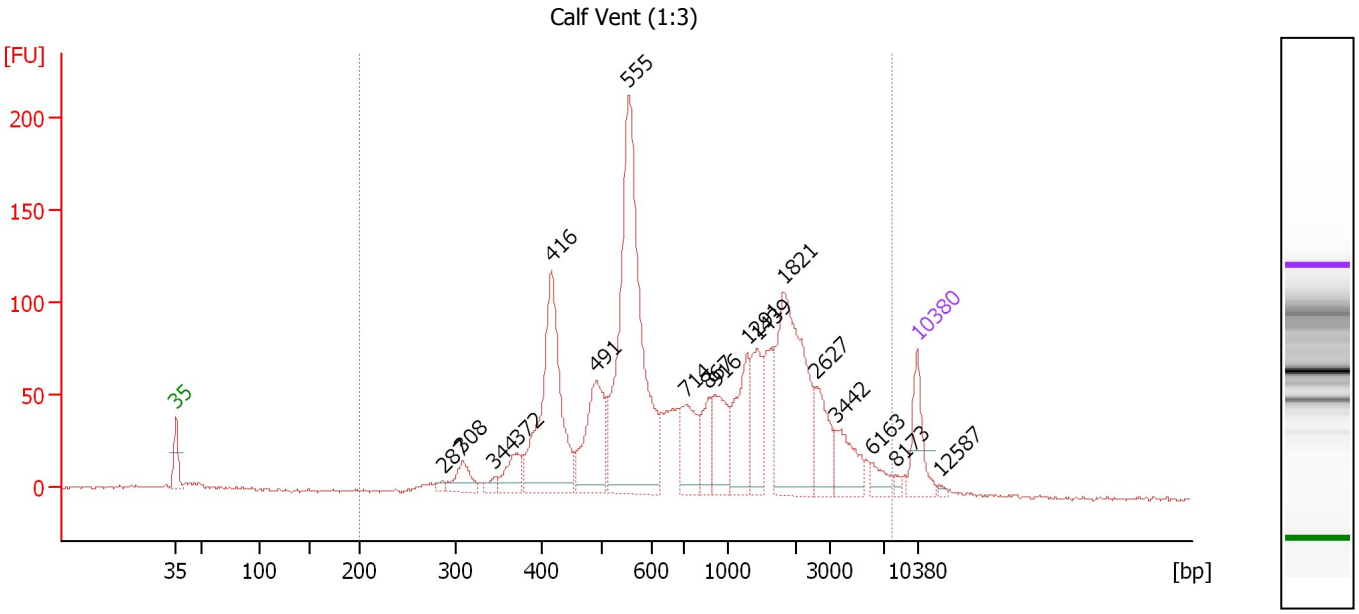
Region table for sample 2 : CAB lig (1:5)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
200	7,268	795	3,544.4	10,572.6	3,704.74	98	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Calf Vent (1:3)

Number of peaks found:	18	Corr. Area 1:	2,334.3
Noise:	0.7		

Peak table for sample 3 : Calf Vent (1:3)

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	287	11.95	63.1		68.23
3	308	59.62	293.5		70.04
4	344	16.73	73.6		73.01
5	372	66.38	270.7		75.23
6	416	431.58	1,571.6		78.45
7	491	209.73	646.8		82.73
8	555	742.73	2,028.9		85.76
9	714	120.15	255.1		91.19
10	867	68.21	119.2		93.26
11	916	113.05	187.1		93.91
12	1,291	127.02	149.0		96.94
13	1,439	101.13	106.5		97.89
14	1,821	326.66	271.8		100.36
15	2,627	87.87	50.7		103.53
16	3,442	78.89	34.7		105.29
17	6,163	27.60	6.8		108.77
18	8,173	8.29	1.5		110.94
19	10,380	75.00	10.9	Upper Marker	113.00
20	12,587	0.00	0.0		115.06

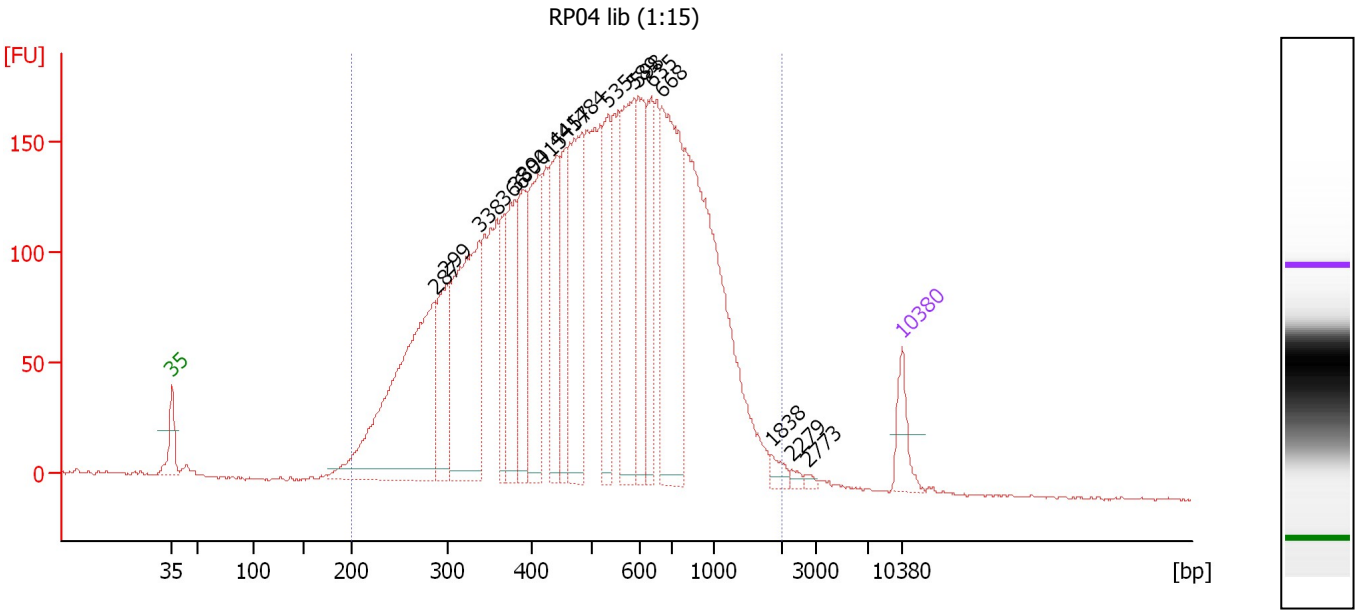
Region table for sample 3 : Calf Vent (1:3)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/µl]	% of Total	Size distribution in CV [%]
200	7,859	1,254	2,334.3	6,507.6	2,816.19	98	94.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : RP04 lib (1:15)

Number of peaks found:	18	Corr. Area 1:	5,452.4
Noise:	0.7		

Peak table for sample 4 : RP04 lib (1:15)

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	287	1,051.83	5,557.9		68.21
3	299	280.26	1,419.7		69.33
4	338	727.73	3,261.9		72.50
5	366	182.48	754.7		74.80
6	380	269.12	1,072.5		75.93
7	390	260.42	1,011.0		76.75
8	415	422.52	1,543.1		78.38
9	441	306.52	1,053.3		79.87
10	457	217.55	721.1		80.79
11	484	505.84	1,583.4		82.32
12	535	251.94	714.1		84.83
13	589	409.14	1,052.9		87.33
14	598	288.20	730.7		87.74
15	635	227.00	541.3		88.97
16	668	615.04	1,395.7		89.99
17	1,838	26.99	22.2		100.47
18	2,279	12.03	8.0		102.42
19	2,773	8.90	4.9		104.00
20	10,380	75.00	10.9	Upper Marker	113.00

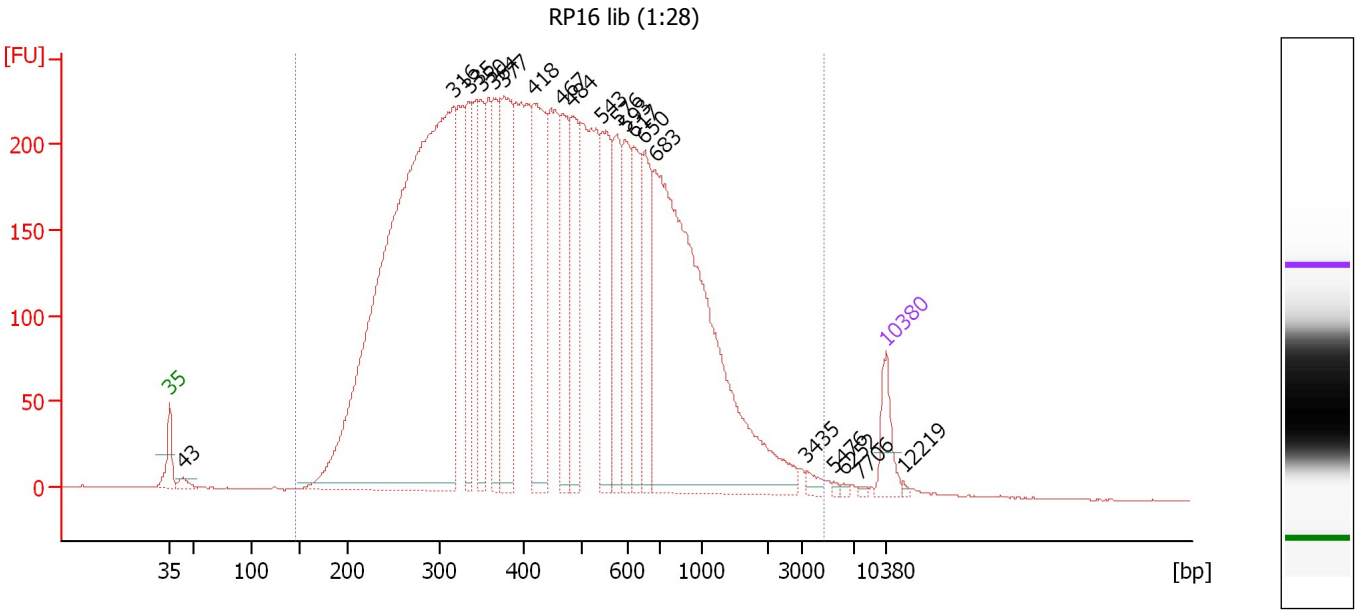
Region table for sample 4 : RP04 lib (1:15)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/µl]	% of Total	Size distribution in CV [%]
200	2,001	562	5,452.4	31,071.7	8,914.95	98	49.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : RP16 lib (1:28)

Number of peaks found:	20	Corr. Area 1:	9,136.1
Noise:	0.2		

Peak table for sample 5 : RP16 lib (1:28)

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		43	27.70	971.4		44.30
3		316	3,326.64	15,941.2		70.73
4		335	277.17	1,254.4		72.24
5		350	269.35	1,167.5		73.44
6		364	302.02	1,256.1		74.64
7		377	489.00	1,964.6		75.68
8		418	539.51	1,956.8		78.55
9		467	322.70	1,046.5		81.36
10		484	349.27	1,094.1		82.30
11		543	355.22	991.1		85.22
12		576	237.30	624.5		86.73
13		593	241.94	618.5		87.51
14		617	261.55	642.0		88.40
15		650	254.40	592.7		89.44
16		683	1,566.86	3,474.6		90.48
17		3,435	19.21	8.5		105.29
18		5,476	4.79	1.3		107.89
19		6,252	5.20	1.3		108.88
20		7,706	5.00	1.0		110.50
21	▶	10,380	75.00	10.9	Upper Marker	113.00
22		12,219	0.00	0.0		114.72

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...

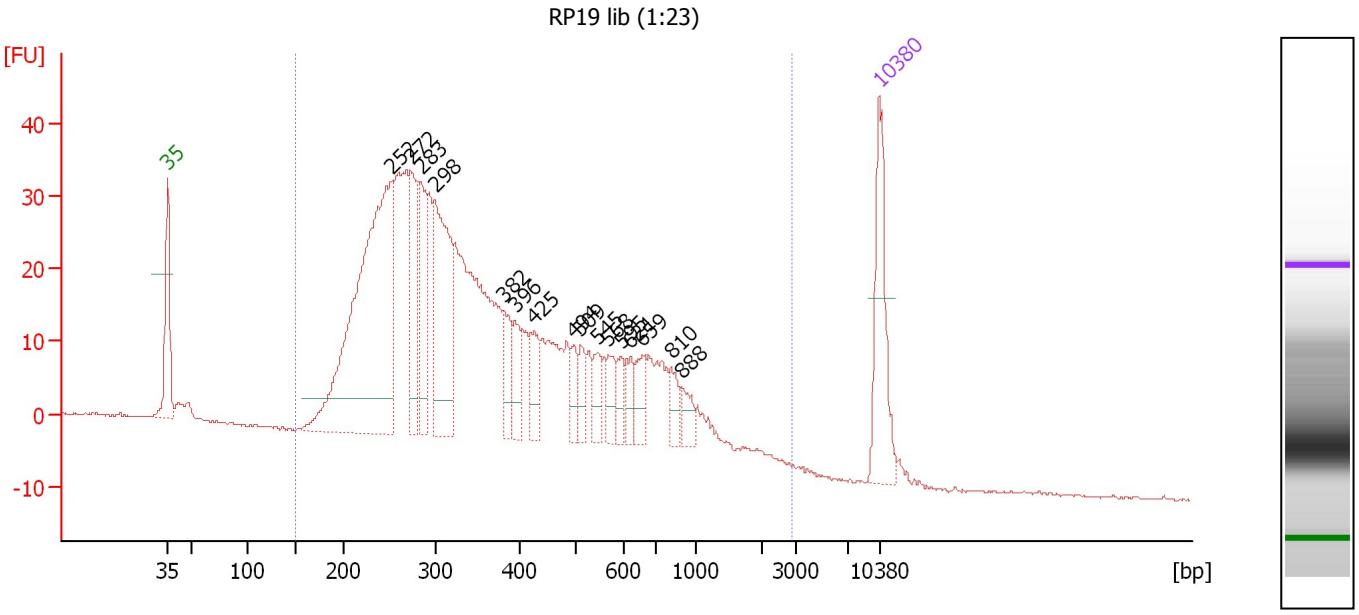
... Region table for sample 5 : RP16 lib (1:28)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
147	4,810	535	9,136.1	45,814.6	11,485.33	99	74.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : RP19 lib (1:23)

Number of peaks found:	16	Corr. Area 1:	1,000.8
Noise:	0.1		

Peak table for sample 6 : RP19 lib (1:23)

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	252	491.84	2,960.5		65.02
3	272	86.42	480.5		66.91
4	283	80.99	433.0		67.91
5	298	187.29	950.9		69.27
6	382	41.03	162.7		76.09
7	396	39.03	149.2		77.24
8	425	36.95	131.7		78.97
9	494	20.17	61.8		82.90
10	509	21.06	62.7		83.64
11	545	23.11	64.2		85.31
12	568	24.36	65.0		86.36
13	595	18.38	46.8		87.62
14	621	20.33	49.6		88.51
15	659	27.30	62.8		89.72
16	810	18.30	34.2		92.50
17	888	18.08	30.8		93.55
18	10,380	75.00	10.9	Upper Marker	113.00

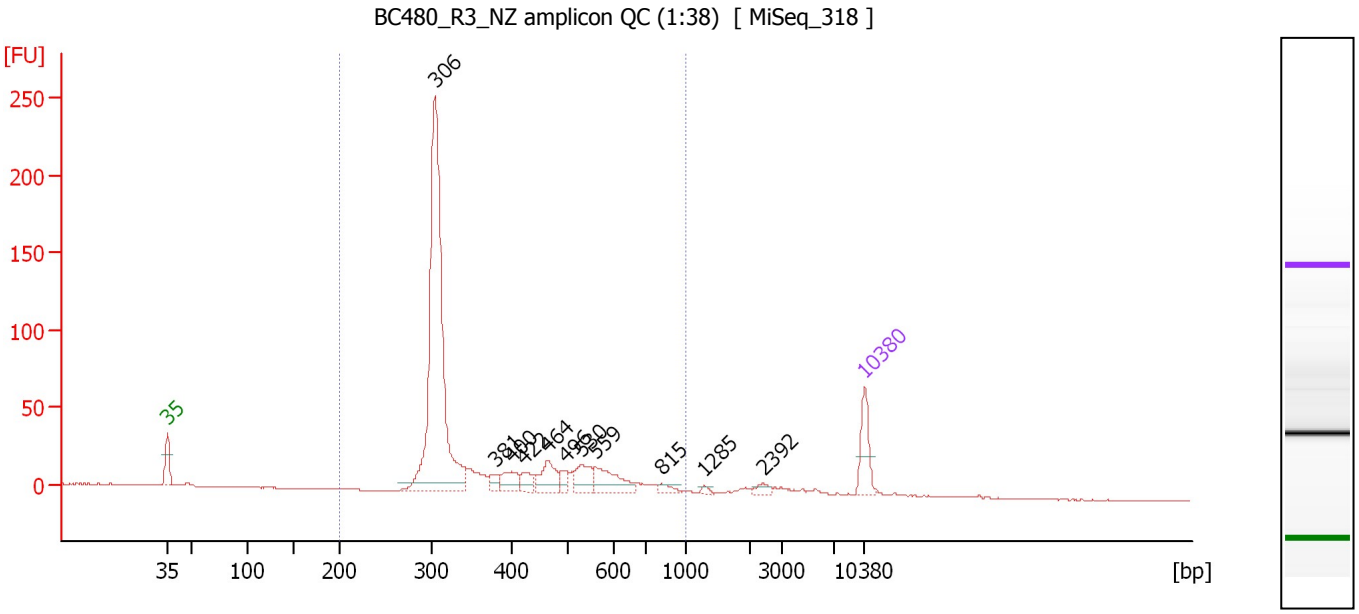
Region table for sample 6 : RP19 lib (1:23)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
150	2,872	424	1,000.8	10,069.8	2,105.72	97	65.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : BC480_R3_NZ amplicon QC (1:38)

Number of peaks found:	11	Corr. Area 1:	790.6
Noise:	0.1		

Peak table for sample 7 : BC480_R3_NZ amplicon QC (1:38)

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	306	1,108.39	5,496.2		69.87
3	381	26.22	104.4		75.97
4	400	56.10	212.6		77.52
5	422	35.83	128.6		78.80
6	464	80.02	261.5		81.16
7	496	23.56	72.0		82.98
8	530	68.25	194.9		84.64
9	559	96.39	261.1		85.97
10	815	18.09	33.6		92.56
11	1,285	7.11	8.4		96.89
12	2,392	14.48	9.2		102.78
13	10,380	75.00	10.9	Upper Marker	113.00

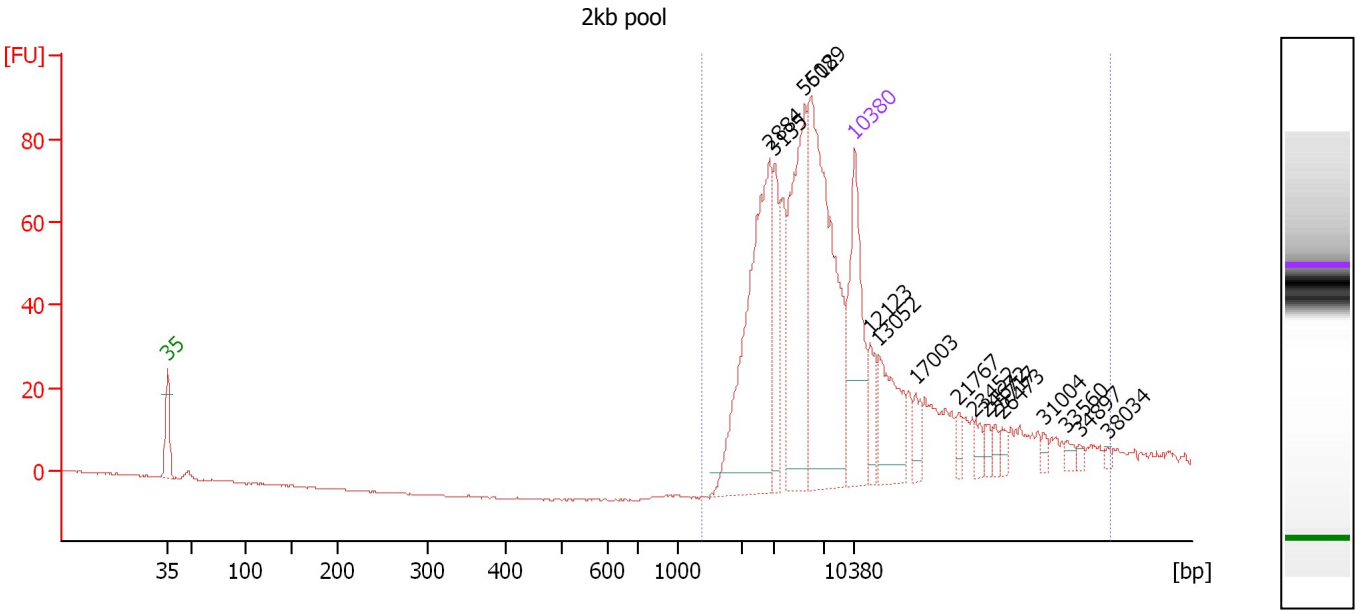
Region table for sample 7 : BC480_R3_NZ amplicon QC (1:38)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
200	1,000	385	790.6	6,900.5	1,584.79	93	32.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 2kb pool

Number of peaks found:	16	Corr. Area 1:	811.0
Noise:	0.2		

Peak table for sample 8 : 2kb pool

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	2,884	166.41	87.4		104.36
3	3,135	39.30	19.0		104.90
4	5,518	115.71	31.8		107.95
5	6,029	183.72	46.2		108.60
6	10,380	75.00	10.9	Upper Marker	113.00
7	12,123	0.00	0.0		114.63
8	13,052	0.00	0.0		115.50
9	17,003	0.00	0.0		119.20
10	21,767	0.00	0.0		123.65
11	23,452	0.00	0.0		125.23
12	24,672	0.00	0.0		126.37
13	25,717	0.00	0.0		127.35
14	26,473	0.00	0.0		128.05
15	31,004	0.00	0.0		132.29
16	33,560	0.00	0.0		134.68
17	34,897	0.00	0.0		135.93
18	38,034	0.00	0.0		138.87

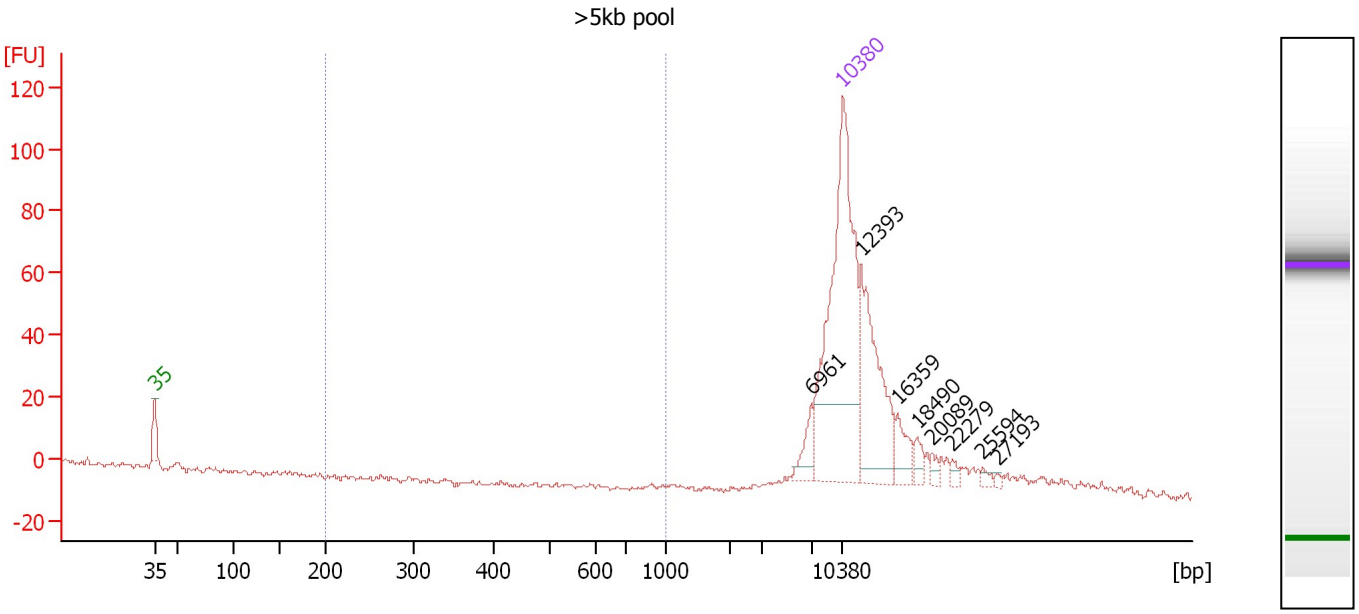
Region table for sample 8 : 2kb pool

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
1,379	38,283	8,841	811.0	183.9	582.35	100	81.4

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : >5kb pool

Number of peaks found:	8	Corr. Area 1:	0.0
Noise:	0.7		

Peak table for sample 9 : >5kb pool

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	6,961	6.56	1.4		109.79
3	10,380	75.00	10.9	Upper Marker	113.00
4	12,393	0.00	0.0		114.88
5	16,359	0.00	0.0		118.59
6	18,490	0.00	0.0		120.59
7	20,089	0.00	0.0		122.08
8	22,279	0.00	0.0		124.13
9	25,594	0.00	0.0		127.23
10	27,193	0.00	0.0		128.73

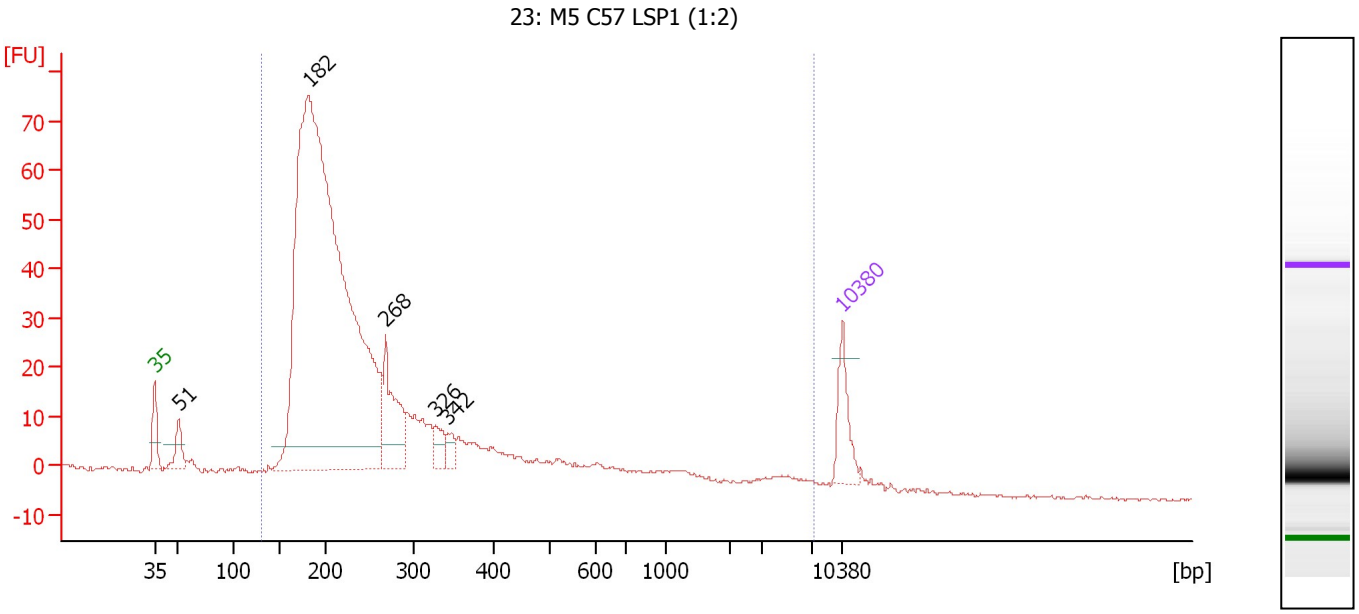
Region table for sample 9 : >5kb pool

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
200	1,000	0	0.0	0.0	0.00	0	0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 23: M5 C57 LSP1 (1:2)

Number of peaks found:	5	Corr. Area 1:	930.3
Noise:	0.3		

Peak table for sample 10 : 23: M5 C57 LSP1 (1:2)

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	51	69.90	2,095.2		45.44
3	182	2,879.23	23,927.0		58.67
4	268	197.62	1,117.4		66.50
5	326	42.59	197.7		71.56
6	342	30.11	133.3		72.83
7	10,380	75.00	10.9	Upper Marker	113.00

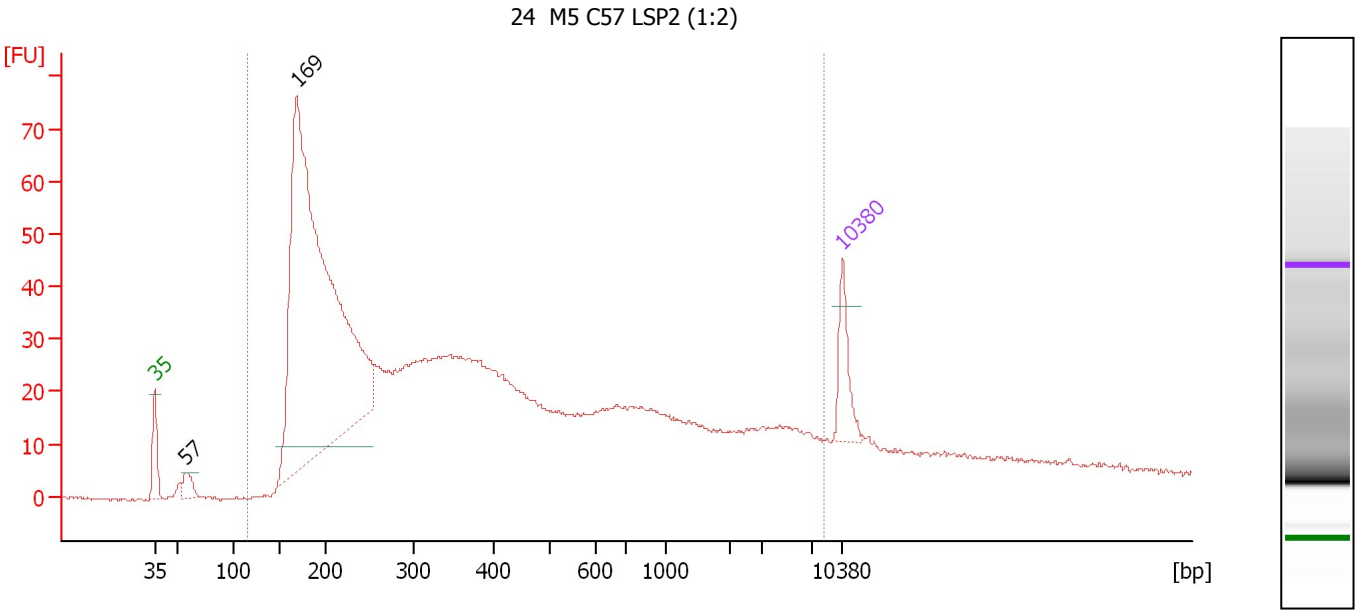
Region table for sample 10 : 23: M5 C57 LSP1 (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
131	7,198	356	930.3	24,454.1	3,598.95	97	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 24 M5 C57 LSP2 (1:2)

Number of peaks found:	2	Corr. Area 1:	1,428.7
Noise:	0.3		

Peak table for sample 11 : 24 M5 C57 LSP2 (1:2)

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	57	50.36	1,331.5		46.19
3	169	2,119.21	18,954.7		57.46
4	10,380	75.00	10.9	Upper Marker	113.00

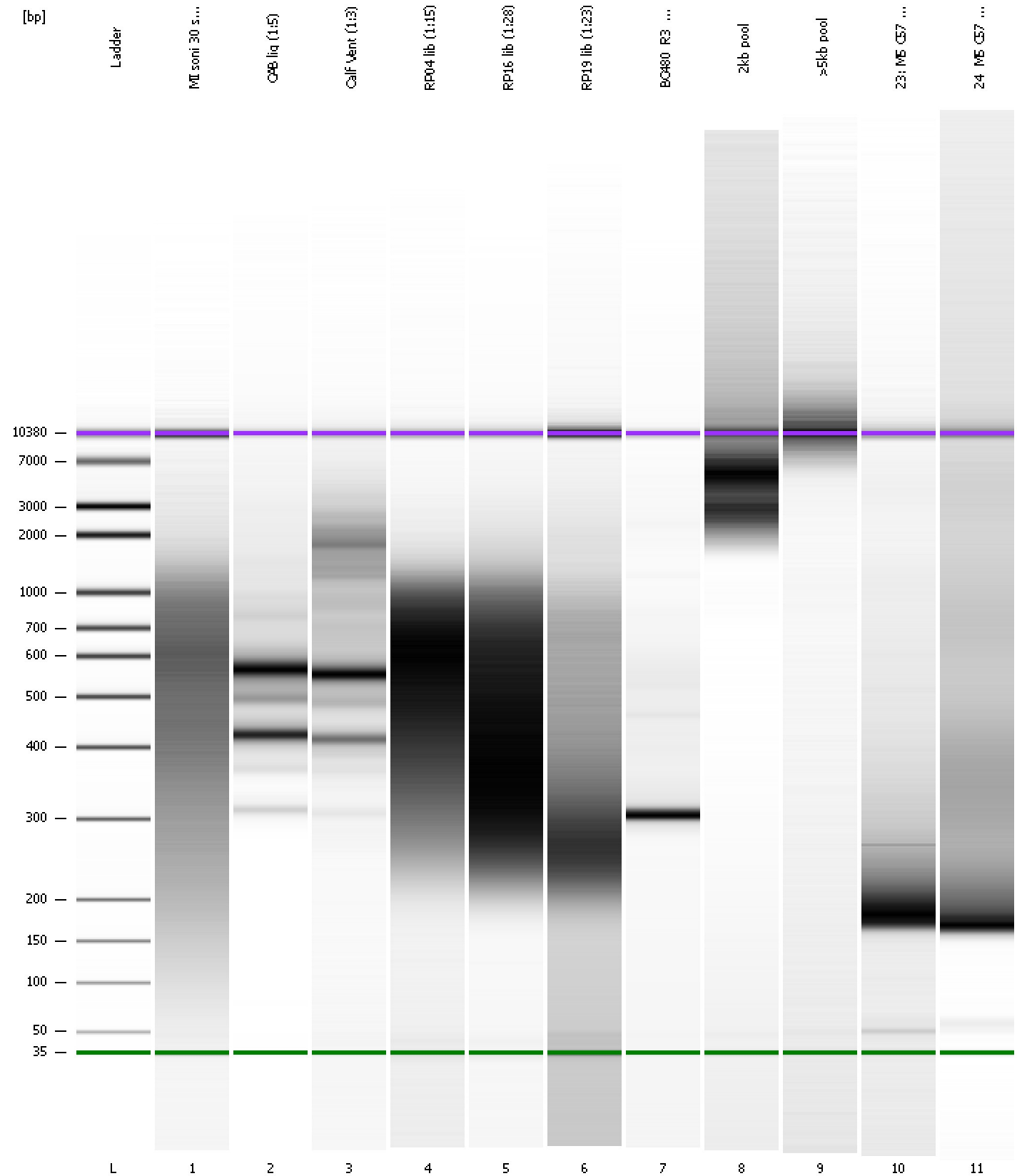
Region table for sample 11 : 24 M5 C57 LSP2 (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
115	8,233	756	1,428.7	28,433.0	5,132.71	93	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad

Created: 8/2/2016 1:27:29 PM
Modified: 8/2/2016 2:13:59 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		8/2/2016 2:08:46 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-08-02\2016-08-02_001.xad)		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		8/2/2016 1:27:35 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1