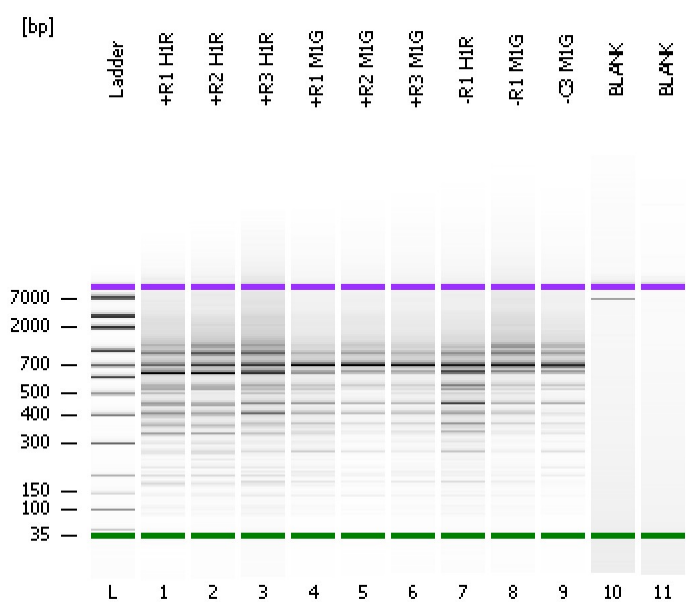


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
Modified: 4/12/2018 5:03:29 PM

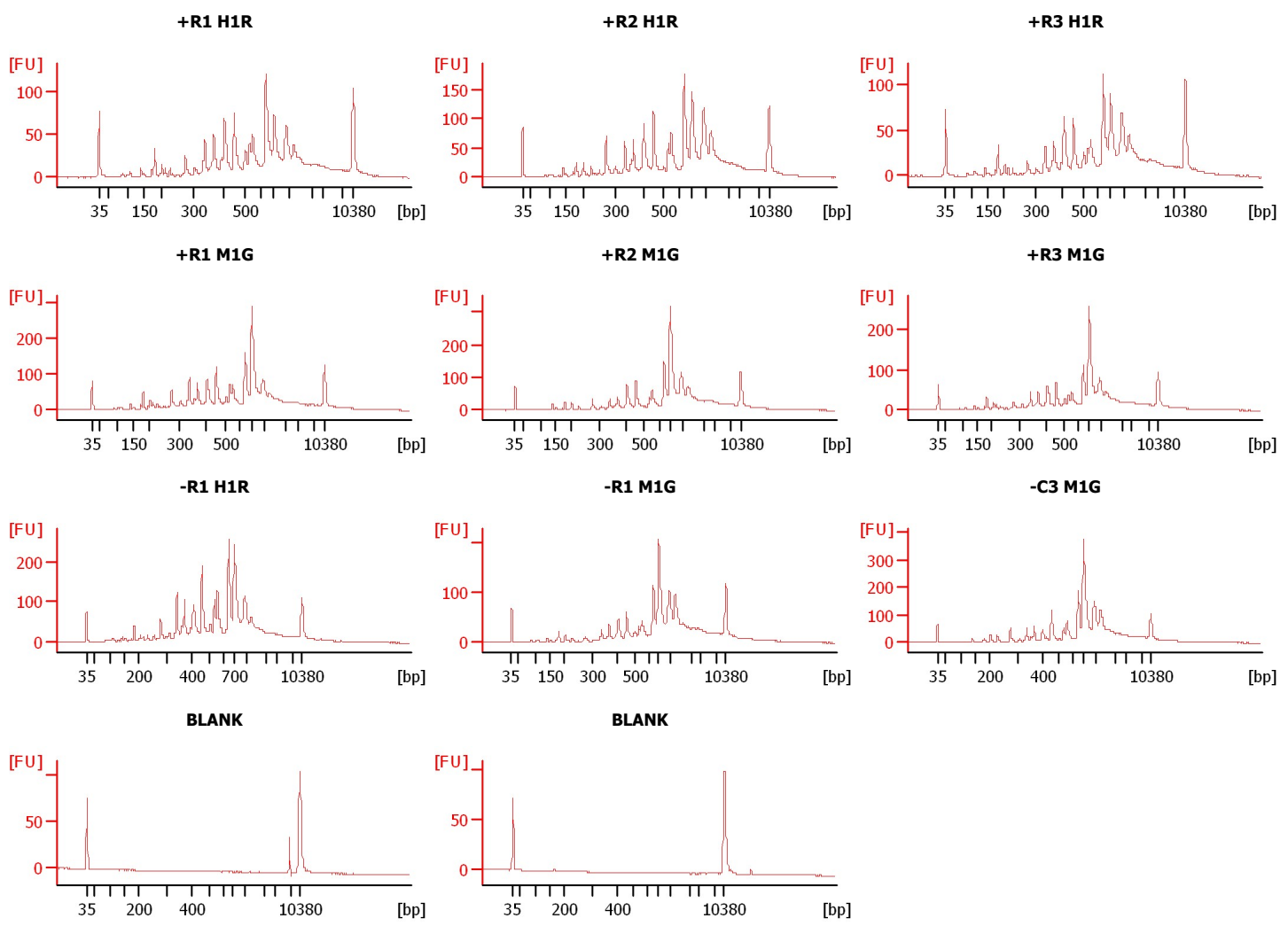
Electrophoresis File Run Summary



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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
Modified: 4/12/2018 5:03:29 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
+R1 H1R		<input type="checkbox"/>	✓			
+R2 H1R		<input type="checkbox"/>	✓			
+R3 H1R		<input type="checkbox"/>	✓			
+R1 M1G		<input type="checkbox"/>	✓			
+R2 M1G		<input type="checkbox"/>	✓			
+R3 M1G		<input type="checkbox"/>	✓			
-R1 H1R		<input type="checkbox"/>	✓			
-R1 M1G		<input type="checkbox"/>	✓			
-C3 M1G		<input type="checkbox"/>	✓			
BLANK		<input type="checkbox"/>	✓			
BLANK		<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\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
Modified: 4/12/2018 5:03:29 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

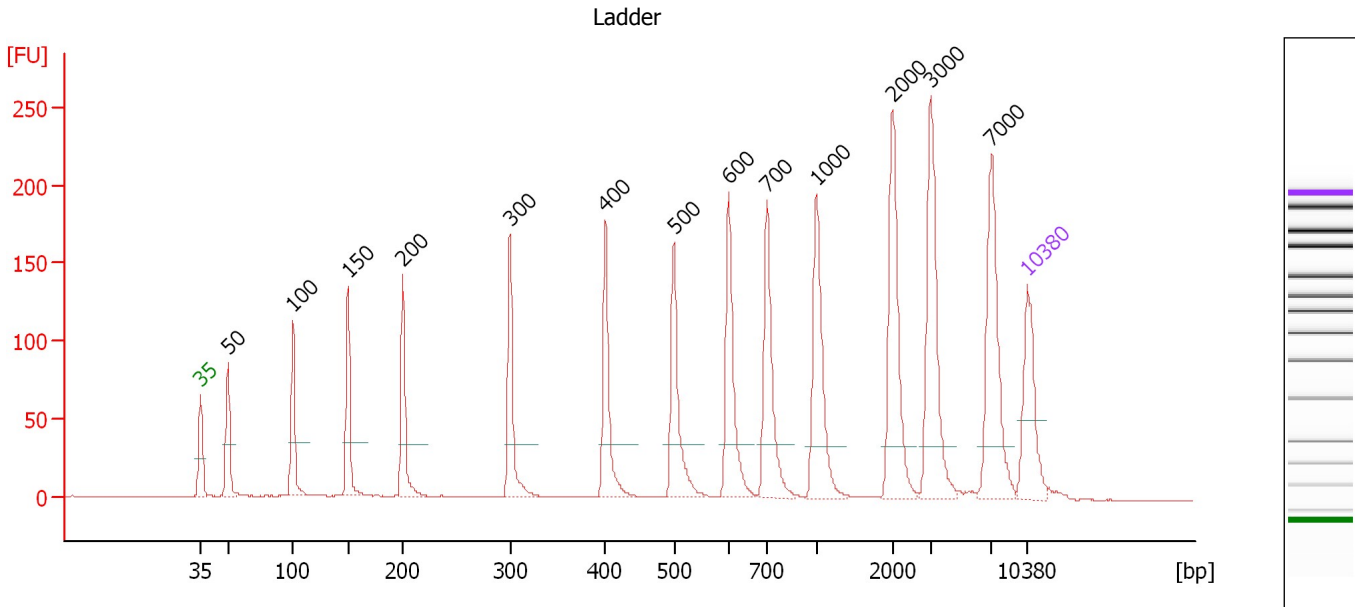
Ladder

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\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

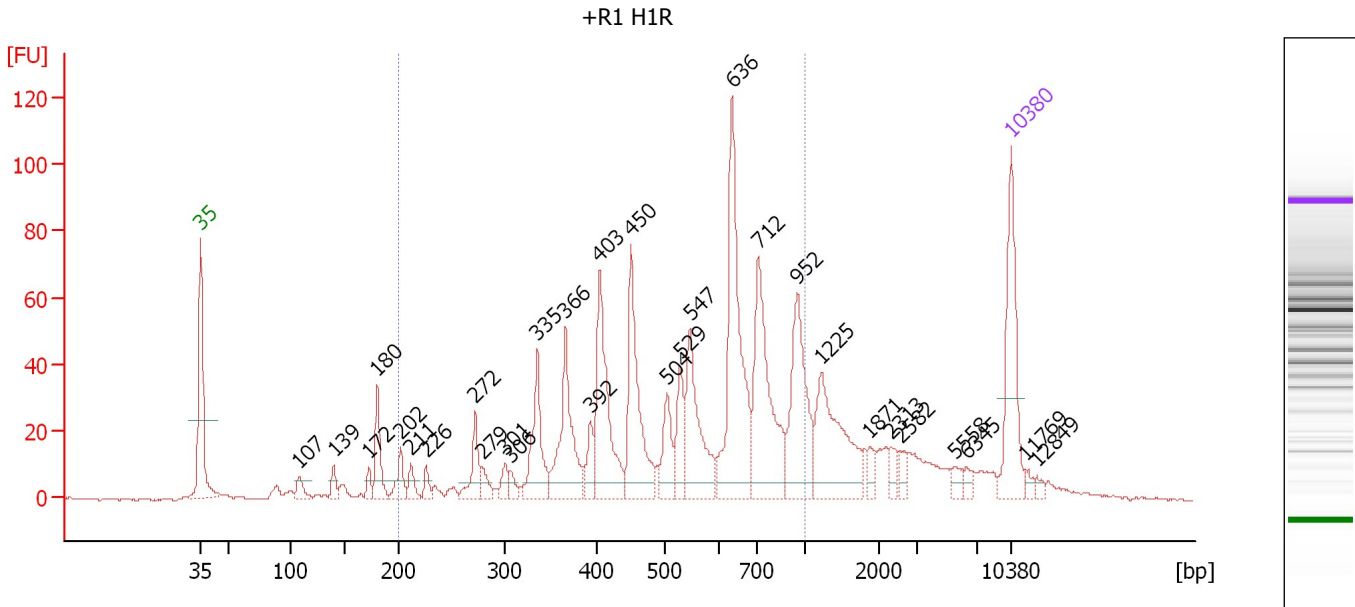
Peak table for Ladder

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	45.30
3	100	150.00	2,272.7	Ladder Peak	50.81
4	150	150.00	1,515.2	Ladder Peak	55.46
5	200	150.00	1,136.4	Ladder Peak	60.12
6	300	150.00	757.6	Ladder Peak	69.19
7	400	150.00	568.2	Ladder Peak	77.28
8	500	150.00	454.5	Ladder Peak	83.06
9	600	150.00	378.8	Ladder Peak	87.71
10	700	150.00	324.7	Ladder Peak	90.96
11	1,000	150.00	227.3	Ladder Peak	95.16
12	2,000	150.00	113.6	Ladder Peak	101.57
13	3,000	150.00	75.8	Ladder Peak	104.83
14	7,000	150.00	32.5	Ladder Peak	109.97
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : +R1 H1R

Number of peaks found: 30 Corr. Area 1: 967.9
 Noise: 0.3

Peak table for sample 1 : +R1 H1R

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	107	15.40	217.9		51.47
3	139	13.50	146.9		54.47
4	172	11.15	98.3		57.51
5	180	47.50	400.1		58.24
6	202	23.91	179.6		60.27
7	211	14.12	101.3		61.14
8	226	11.08	74.3		62.48
9	272	35.66	198.5		66.67
10	279	13.29	72.1		67.32
11	301	12.72	64.1		69.25
12	306	9.27	45.8		69.71
13	335	71.13	321.3		72.06
14	366	97.31	403.2		74.50
15	392	22.75	87.8		76.66
16	403	118.62	446.0		77.45
17	450	114.35	385.1		80.16
18	504	38.58	116.0		83.25
19	529	38.23	109.5		84.40
20	547	90.20	250.0		85.23
21	636	179.78	428.5		88.87
22	712	138.67	295.2		91.13
23	952	100.91	160.6		94.49
24	1,225	99.11	122.6		96.61
25	1,871	10.48	8.5		100.75

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : +R1 H1R

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,313	9.69	6.3		102.59
27	2,582	8.48	5.0		103.47
28	5,558	8.51	2.3		108.12
29	6,345	6.47	1.5		109.13
30	10,380	75.00	10.9	Upper Marker	113.00
31	11,769	0.00	0.0		114.24
32	12,849	0.00	0.0		115.21

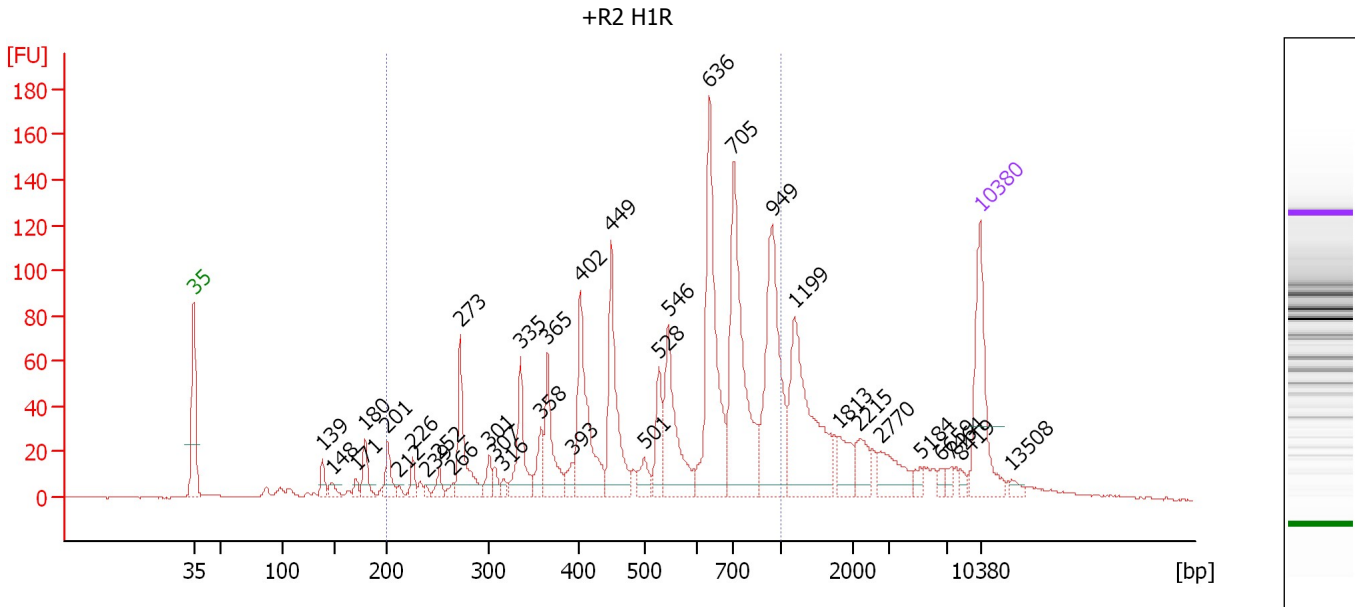
Region table for sample 1 : +R1 H1R

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	558	1,138.69	967.9	3,752.6	72	34.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : +R2 H1R

Number of peaks found: 35 Corr. Area 1: 1,350.2
 Noise: 0.3

Peak table for sample 2 : +R2 H1R

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	139	16.93	184.6		54.44
3	148	11.44	117.1		55.29
4	171	7.97	70.6		57.43
5	180	28.35	239.0		58.23
6	201	25.31	190.6		60.23
7	212	5.08	36.3		61.22
8	226	13.66	91.7		62.46
9	239	4.06	25.7		63.64
10	252	12.11	72.8		64.83
11	266	6.70	38.2		66.06
12	273	75.27	418.0		66.73
13	301	15.80	79.5		69.29
14	307	9.18	45.3		69.77
15	316	6.15	29.4		70.53
16	335	59.95	270.9		72.04
17	358	23.56	99.7		73.89
18	365	62.13	257.8		74.46
19	393	14.32	55.2		76.69
20	402	113.94	429.2		77.41
21	449	102.52	345.9		80.11
22	501	18.32	55.4		83.10
23	528	39.13	112.2		84.38
24	546	90.32	250.7		85.19
25	636	172.84	411.5		88.89

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : +R2 H1R

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	705	186.45	400.9		91.03
27	949	145.31	232.1		94.44
28	1,199	135.73	171.5		96.44
29	1,813	24.79	20.7		100.38
30	2,215	22.26	15.2		102.27
31	2,770	31.38	17.2		104.08
32	5,184	6.52	1.9		107.64
33	6,659	4.67	1.1		109.54
34	7,464	5.11	1.0		110.39
35	8,419	4.07	0.7		111.24
36	10,380	75.00	10.9	Upper Marker	113.00
37	13,508	0.00	0.0		115.80

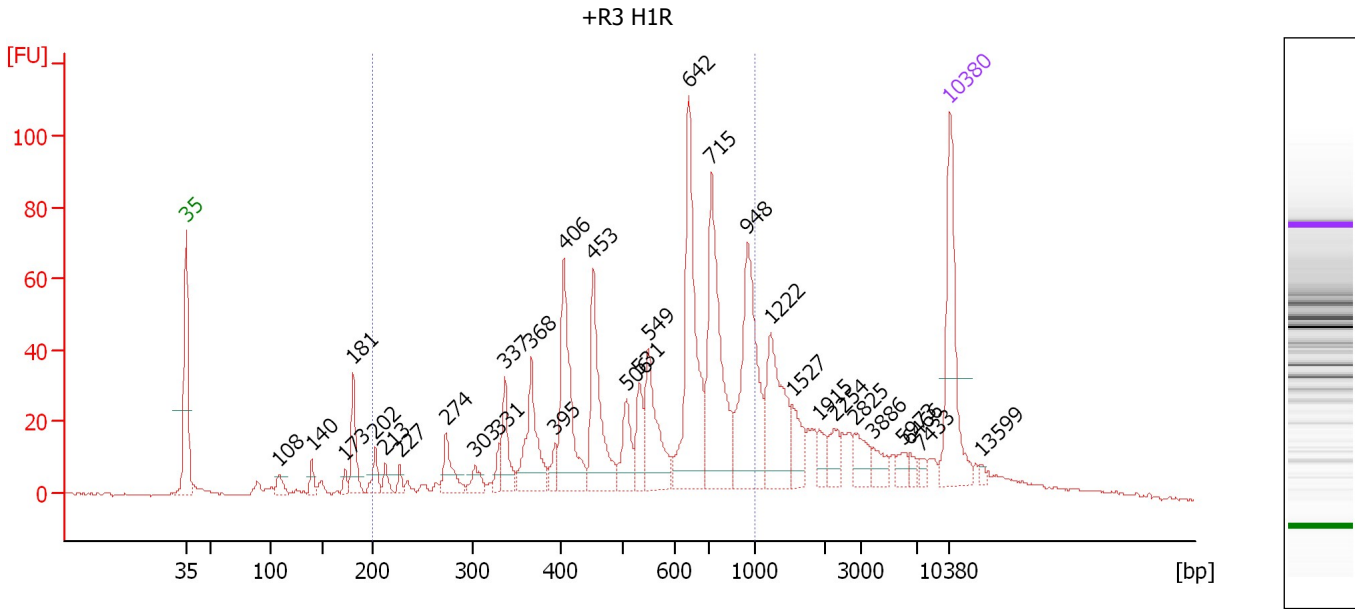
Region table for sample 2 : +R2 H1R

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	579	1,208.81	1,350.2	3,947.9	71	35.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : +R3 H1R

Number of peaks found: 31 Corr. Area 1: 880.0
 Noise: 0.3

Peak table for sample 3 : +R3 H1R

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	108	13.22	185.6		51.55
3	140	12.20	132.1		54.53
4	173	7.91	69.3		57.61
5	181	43.67	365.8		58.34
6	202	17.56	131.4		60.34
7	213	10.12	72.1		61.27
8	227	7.19	48.0		62.59
9	274	28.64	158.3		66.84
10	303	13.53	67.6		69.48
11	331	9.69	44.3		71.72
12	337	36.76	165.1		72.21
13	368	67.28	277.3		74.65
14	395	11.16	42.8		76.85
15	406	102.88	383.8		77.63
16	453	85.87	287.4		80.32
17	506	33.31	99.7		83.35
18	531	28.29	80.6		84.52
19	549	65.31	180.1		85.35
20	642	146.12	345.0		89.06
21	715	139.28	295.3		91.16
22	948	116.39	186.0		94.44
23	1,222	74.72	92.6		96.59
24	1,527	22.35	22.2		98.54
25	1,915	11.85	9.4		101.03

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : +R3 H1R

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,254	14.93	10.0		102.40
27	2,825	18.50	9.9		104.26
28	3,886	12.39	4.8		105.97
29	5,973	8.54	2.2		108.65
30	6,466	5.20	1.2		109.29
31	7,433	4.16	0.8		110.36
32	10,380	75.00	10.9	Upper Marker	113.00
33	13,599	0.00	0.0		115.88

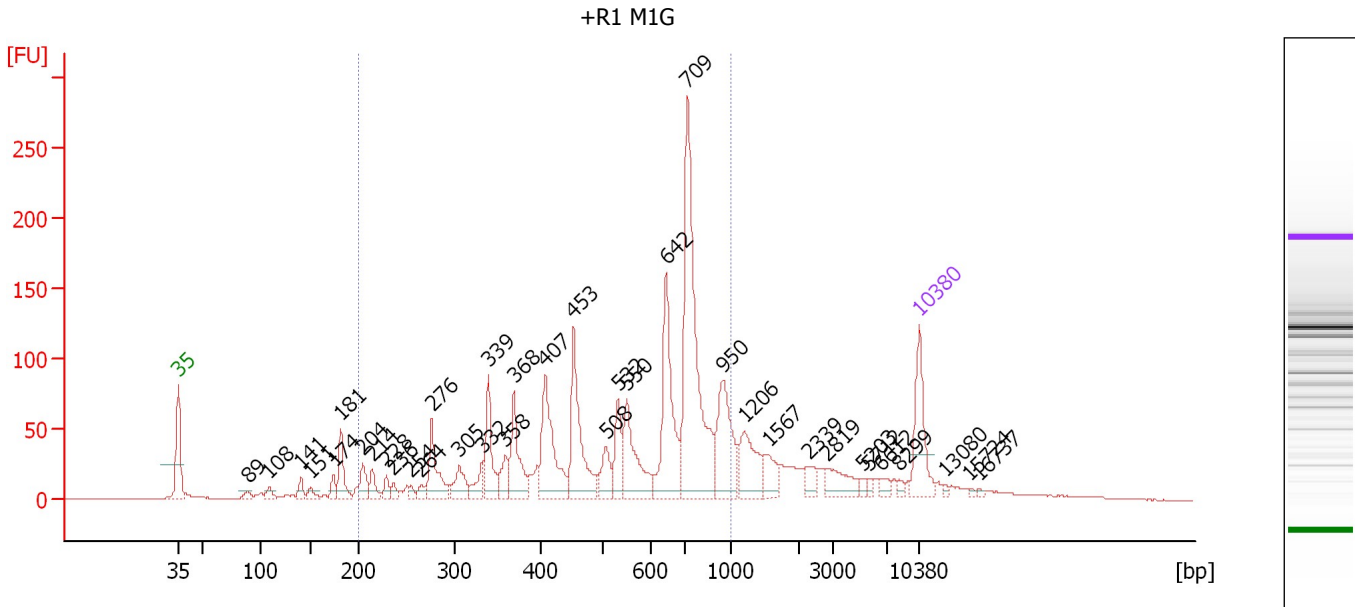
Region table for sample 3 : +R3 H1R

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	584	979.29	880.0	3,101.9	66	34.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : +R1 M1G

Number of peaks found: 37 Corr. Area 1: 1,679.3
 Noise: 0.3

Peak table for sample 4 : +R1 M1G

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	89	11.00	187.3		49.60
3	108	15.19	213.0		51.56
4	141	17.89	192.9		54.58
5	151	14.33	143.9		55.54
6	174	17.63	153.4		57.71
7	181	58.87	492.5		58.36
8	204	33.82	251.2		60.47
9	214	24.66	174.6		61.38
10	228	17.03	113.0		62.69
11	236	11.30	72.7		63.35
12	254	8.44	50.4		65.01
13	264	13.29	76.2		65.96
14	276	81.22	446.7		66.97
15	305	42.98	213.6		69.59
16	332	30.23	138.1		71.76
17	339	80.58	360.7		72.31
18	358	36.71	155.2		73.92
19	368	87.43	359.5		74.73
20	407	142.60	530.5		77.70
21	453	150.33	502.3		80.37
22	508	43.37	129.3		83.44
23	532	54.71	155.8		84.55
24	550	105.64	290.8		85.40
25	642	176.70	416.9		89.08

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : +R1 M1G

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	709	386.34	825.1		91.09
27	950	120.93	192.8		94.47
28	1,206	73.22	92.0		96.48
29	1,567	32.76	31.7		98.80
30	2,339	19.64	12.7		102.68
31	2,819	38.12	20.5		104.24
32	5,203	6.23	1.8		107.66
33	5,712	6.19	1.6		108.32
34	6,612	10.68	2.4		109.47
35	8,299	5.31	1.0		111.14
36	10,380	75.00	10.9	Upper Marker	113.00
37	13,080	0.00	0.0		115.42
38	15,724	0.00	0.0		117.78
39	16,737	0.00	0.0		118.69

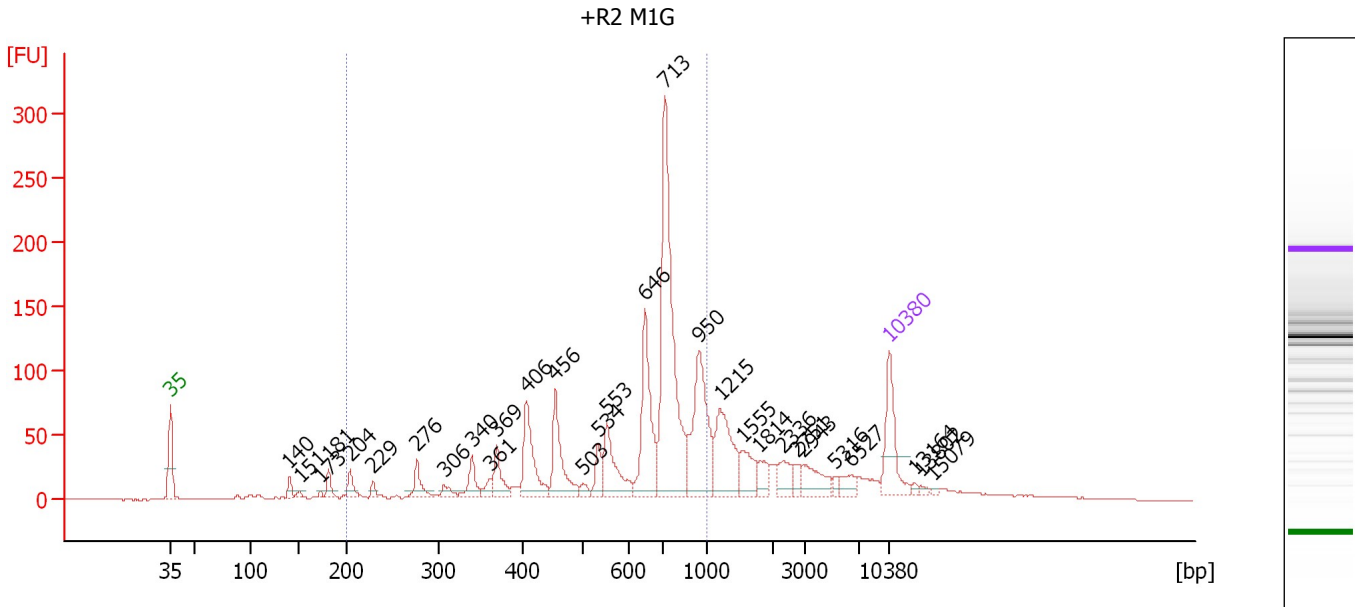
Region table for sample 4 : +R1 M1G

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	571	1,680.23	1,679.3	5,546.4	74	35.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : +R2 M1G

Number of peaks found: 30 Corr. Area 1: 1,353.1
 Noise: 0.4

Peak table for sample 5 : +R2 M1G

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	140	16.78	181.0		54.58
3	151	7.50	75.2		55.57
4	173	4.76	41.7		57.59
5	181	24.94	208.5		58.37
6	204	26.27	194.9		60.50
7	229	10.95	72.5		62.73
8	276	37.97	208.6		66.99
9	306	16.24	80.4		69.69
10	340	37.54	167.5		72.39
11	361	15.29	64.2		74.11
12	369	45.78	187.9		74.78
13	406	105.13	392.1		77.64
14	456	100.27	333.4		80.49
15	503	10.98	33.1		83.19
16	534	31.50	89.3		84.65
17	553	85.23	233.5		85.53
18	646	156.01	365.7		89.22
19	713	403.33	857.6		91.14
20	950	167.11	266.5		94.46
21	1,215	109.00	136.0		96.54
22	1,555	44.82	43.7		98.72
23	1,814	22.99	19.2		100.38
24	2,336	31.70	20.6		102.67
25	2,751	11.76	6.5		104.02

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : +R2 M1G

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,943	41.12	21.2		104.64
27	5,316	6.93	2.0		107.81
28	6,527	17.38	4.0		109.36
29	10,380	75.00	10.9	Upper Marker	113.00
30	13,164	0.00	0.0		115.49
31	13,802	0.00	0.0		116.06
32	15,079	0.00	0.0		117.21

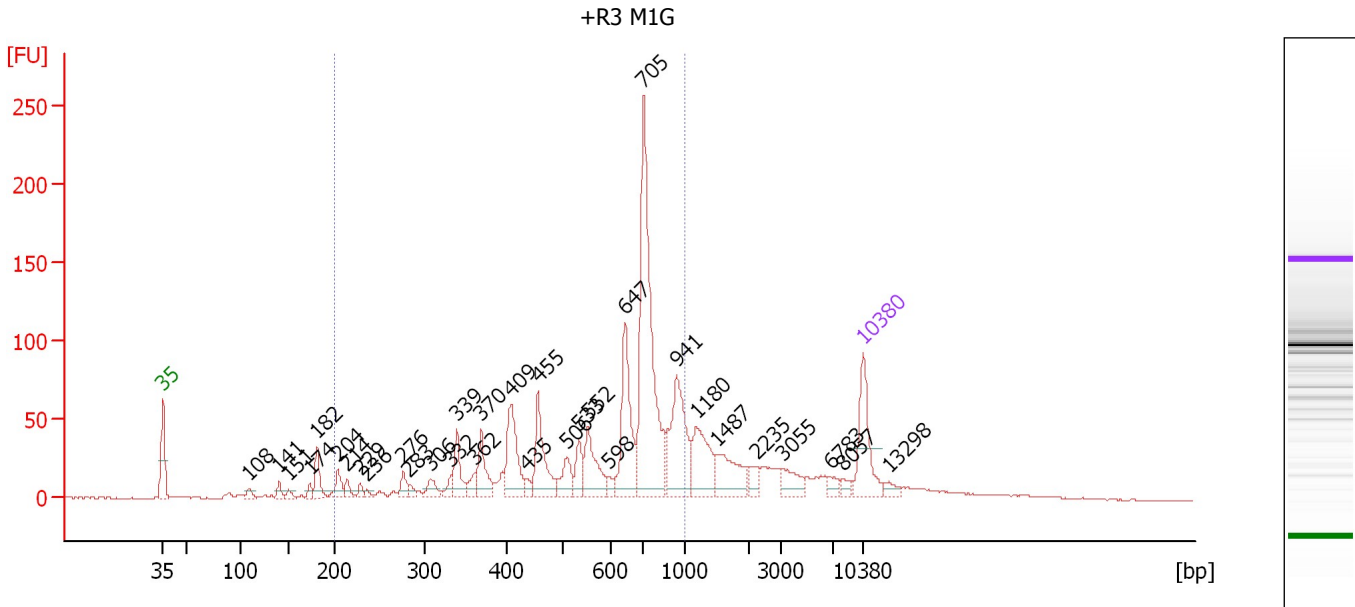
Region table for sample 5 : +R2 M1G

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	630	1,320.06	1,353.1	3,853.6	67	31.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

Created: 4/12/2018 4:23:08 PM
 Modified: 4/12/2018 5:03:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : +R3 M1G

Number of peaks found: 33 Corr. Area 1: 1,188.3
 Noise: 0.3

Peak table for sample 6 : +R3 M1G

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	108	12.92	181.7		51.53
3	141	13.55	145.6		54.62
4	151	9.20	92.2		55.58
5	174	10.15	88.3		57.71
6	182	43.17	360.1		58.41
7	204	29.40	218.3		60.49
8	214	16.55	117.2		61.39
9	229	10.60	70.2		62.73
10	236	7.28	46.7		63.42
11	276	19.99	109.9		66.99
12	283	11.00	59.0		67.63
13	306	22.48	111.2		69.71
14	332	14.23	64.9		71.79
15	339	50.43	225.2		72.38
16	362	17.58	73.6		74.19
17	370	57.46	235.5		74.83
18	409	100.37	371.6		77.81
19	435	11.56	40.3		79.31
20	455	91.97	306.0		80.48
21	506	39.83	119.2		83.36
22	533	35.64	101.4		84.58
23	552	73.18	200.8		85.49
24	598	10.07	25.5		87.62
25	647	135.92	318.5		89.22

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 6 : +R3 M1G

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	705	375.24	806.1		91.04
27	941	140.20	225.7		94.34
28	1,180	80.88	103.9		96.31
29	1,487	67.94	69.2		98.29
30	2,235	18.37	12.5		102.34
31	3,055	30.13	14.9		104.90
32	6,783	10.61	2.4		109.69
33	8,057	7.78	1.5		110.92
34	10,380	75.00	10.9	Upper Marker	113.00
35	13,298	0.00	0.0		115.61

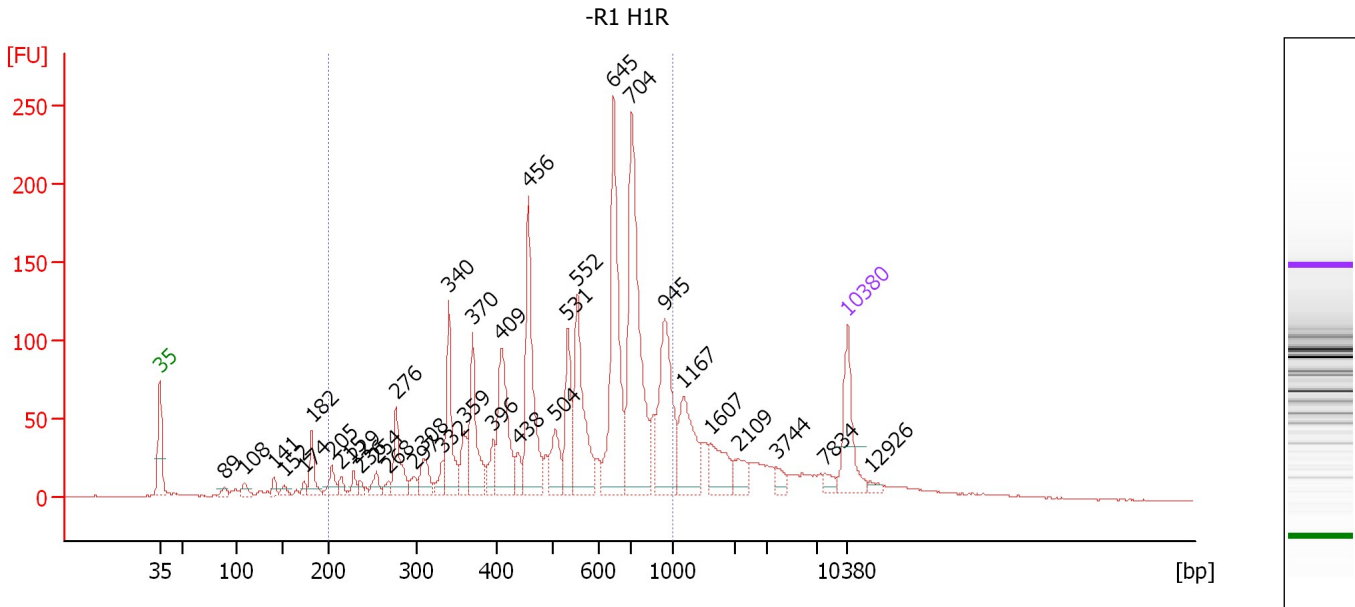
Region table for sample 6 : +R3 M1G

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	607	1,323.40	1,188.3	4,049.2	69	32.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : -R1 H1R

Number of peaks found: 35 Corr. Area 1: 2,049.4
 Noise: 0.4

Peak table for sample 7 : -R1 H1R

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	89	12.17	206.9		49.62
3	108	17.99	252.0		51.57
4	141	15.11	162.5		54.61
5	152	12.06	120.2		55.64
6	174	10.58	92.1		57.71
7	182	54.65	454.3		58.47
8	205	29.85	221.2		60.53
9	215	14.16	99.9		61.45
10	229	16.16	106.9		62.75
11	236	11.00	70.5		63.40
12	254	21.39	127.5		65.03
13	268	12.71	71.9		66.28
14	276	74.13	406.5		67.04
15	297	16.59	84.8		68.88
16	308	41.70	205.4		69.81
17	332	21.66	98.9		71.76
18	340	117.08	522.0		72.41
19	359	44.38	187.5		73.93
20	370	113.46	464.6		74.85
21	396	33.17	126.9		76.97
22	409	147.33	546.1		77.78
23	438	25.39	87.9		79.47
24	456	198.03	658.5		80.50
25	504	54.17	162.7		83.26

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 7 : -R1 H1R

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	531	84.12	239.9		84.51
27	552	159.59	437.9		85.49
28	645	263.55	618.9		89.18
29	704	336.36	723.5		91.02
30	945	166.21	266.6		94.39
31	1,167	95.69	124.2		96.23
32	1,607	53.71	50.6		99.05
33	2,109	24.54	17.6		101.93
34	3,744	13.13	5.3		105.78
35	7,834	11.10	2.1		110.72
36	10,380	75.00	10.9	Upper Marker	113.00
37	12,926	0.00	0.0		115.28

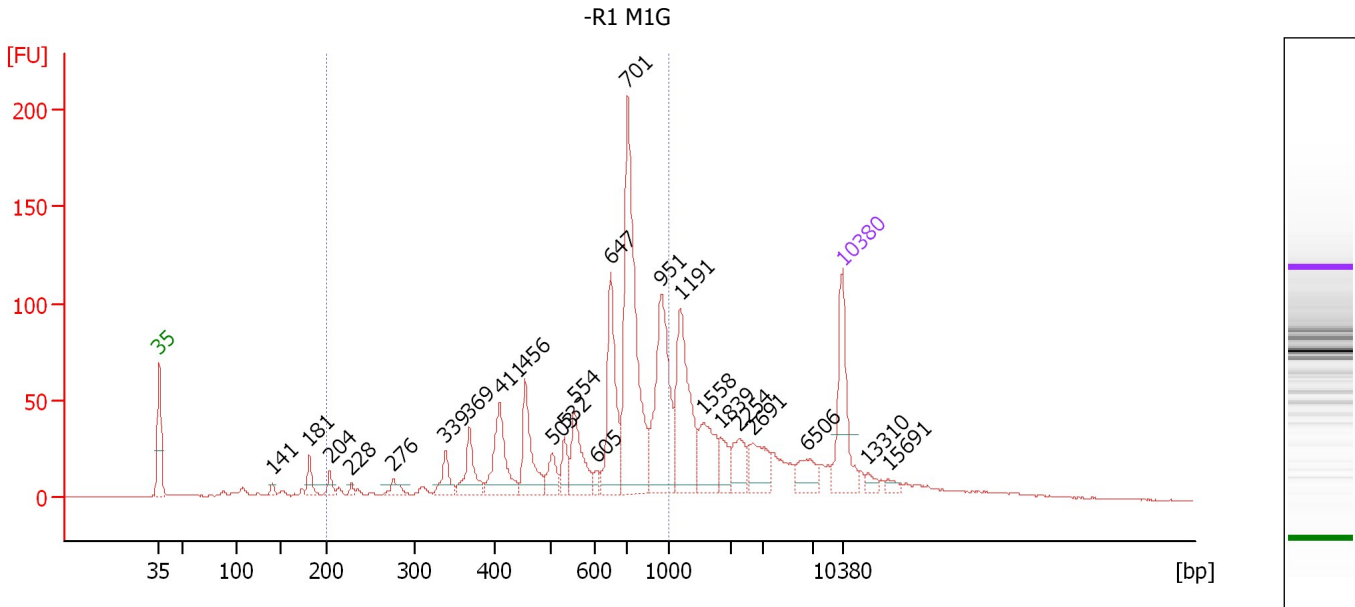
Region table for sample 7 : -R1 H1R

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	566	2,124.45	2,049.4	6,882.8	75	33.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : -R1 M1G

Number of peaks found: 24 Corr. Area 1: 1,038.1
 Noise: 0.2

Peak table for sample 8 : -R1 M1G

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	141	7.00	75.4		54.58
3	181	23.60	197.5		58.36
4	204	14.23	105.6		60.49
5	228	5.78	38.4		62.67
6	276	15.47	85.0		66.99
7	339	28.44	127.1		72.34
8	369	46.08	189.0		74.80
9	411	79.52	293.1		77.92
10	456	70.39	234.1		80.49
11	503	25.51	76.8		83.22
12	532	23.32	66.5		84.53
13	554	58.96	161.3		85.57
14	605	8.22	20.6		87.86
15	647	113.55	266.0		89.23
16	701	274.14	592.4		90.98
17	951	148.10	235.9		94.48
18	1,191	123.23	156.7		96.39
19	1,558	53.52	52.1		98.74
20	1,839	21.05	17.3		100.54
21	2,254	29.11	19.6		102.40
22	2,691	35.95	20.2		103.82
23	6,506	26.77	6.2		109.34
24	10,380	75.00	10.9	Upper Marker	113.00
25	13,310	0.00	0.0		115.62

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...**... Peak table for sample 8 : -R1 M1G**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	15,691	0.00	0.0		117.75

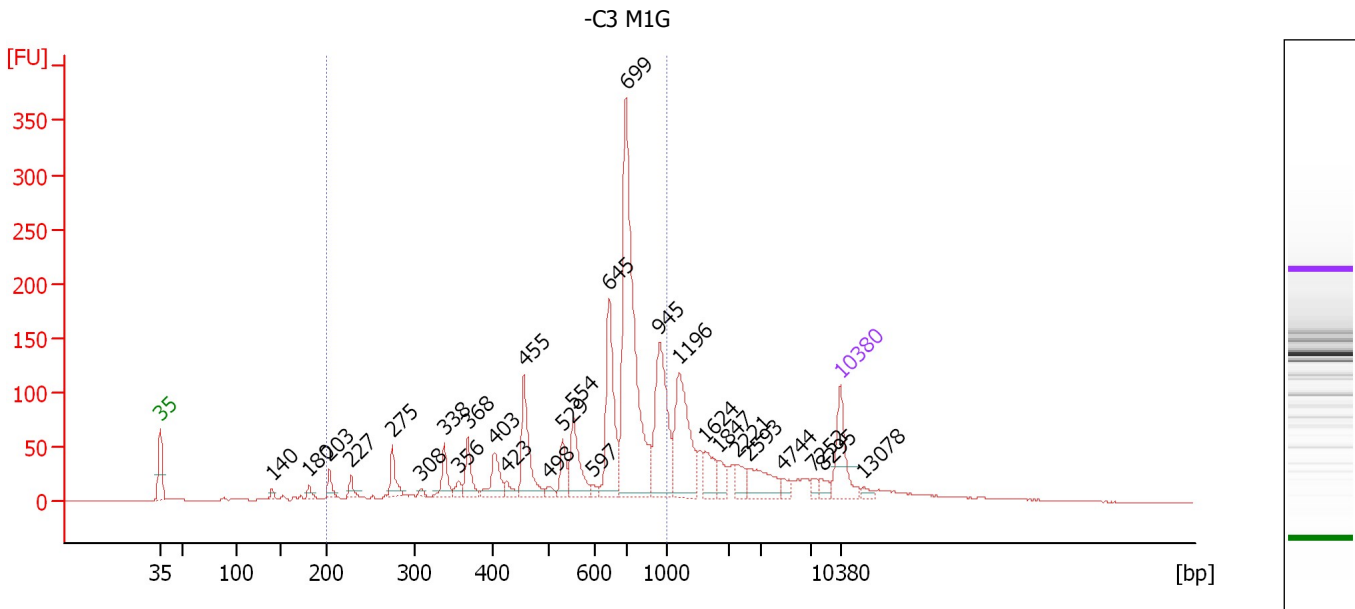
Region table for sample 8 : -R1 M1G

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	638	978.24	1,038.1	2,793.6	 60	30.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : -C3 M1G

Number of peaks found: 28 Corr. Area 1: 1,603.6
 Noise: 0.3

Peak table for sample 9 : -C3 M1G

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	140	10.18	110.2		54.53
3	180	13.79	116.0		58.26
4	203	27.75	206.9		60.40
5	227	19.53	130.1		62.60
6	275	49.46	272.9		66.88
7	308	6.36	31.3		69.85
8	338	45.37	203.4		72.26
9	356	15.55	66.1		73.75
10	368	51.87	213.7		74.68
11	403	57.47	216.3		77.42
12	423	16.55	59.2		78.63
13	455	122.29	407.4		80.44
14	498	11.73	35.7		82.91
15	529	44.21	126.7		84.40
16	554	90.82	248.6		85.55
17	597	8.68	22.0		87.58
18	645	180.83	424.8		89.17
19	699	527.87	1,144.2		90.93
20	945	191.82	307.6		94.39
21	1,196	174.44	221.0		96.42
22	1,624	42.58	39.7		99.16
23	1,847	24.43	20.0		100.59
24	2,221	25.09	17.1		102.29
25	2,593	59.55	34.8		103.50

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : -C3 M1G

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	4,744	12.35	3.9		107.07
27	7,252	9.78	2.0		110.20
28	8,295	14.06	2.6		111.13
29	10,380	75.00	10.9	Upper Marker	113.00
30	13,078	0.00	0.0		115.42

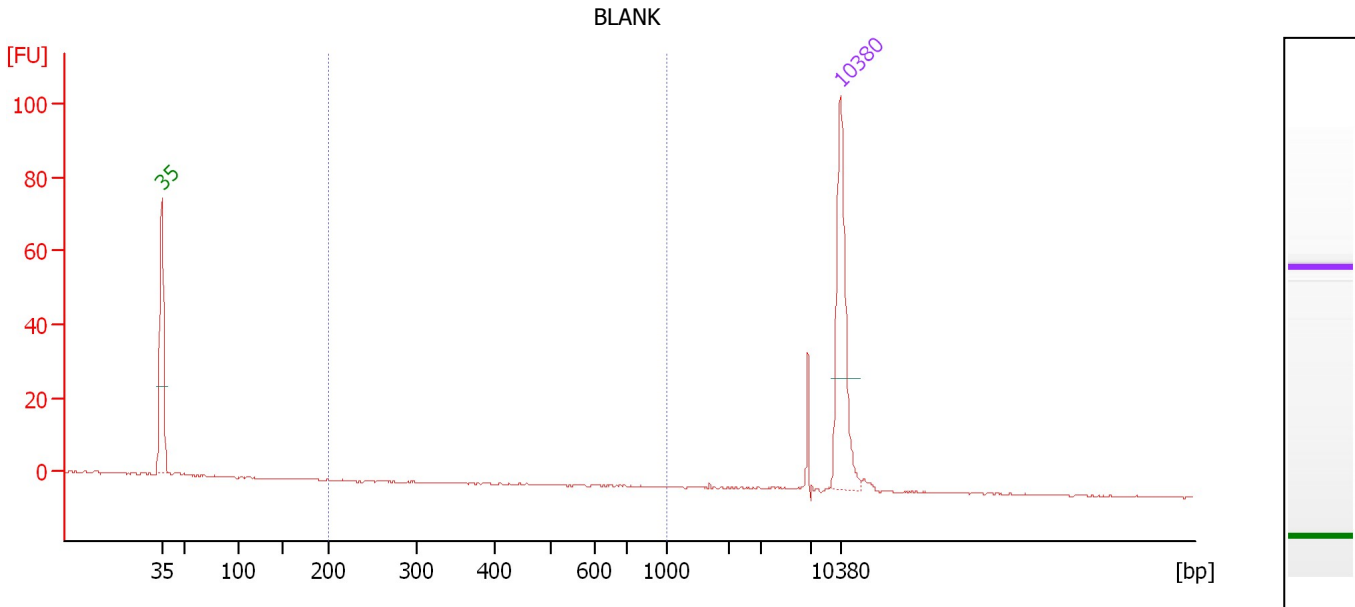
Region table for sample 9 : -C3 M1G

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	631	1,627.99	1,603.6	4,793.1	67	31.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : BLANK

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.2

Peak table for sample 10 : BLANK

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	10,380	75.00	10.9	Upper Marker	113.00

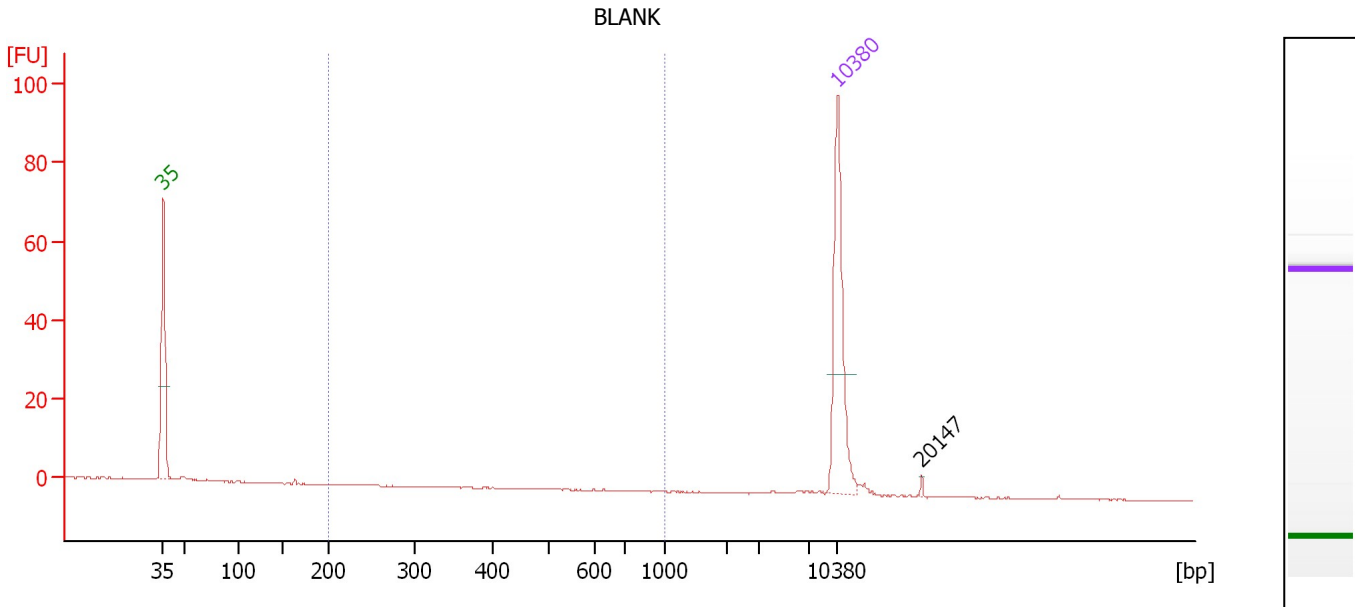
Region table for sample 10 : BLANK

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	0	0.00	0.0	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : BLANK

Number of peaks found: 1 Corr. Area 1: 0.0
 Noise: 0.2

Peak table for sample 11 : BLANK

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	10,380	75.00	10.9	Upper Marker	113.00
3	20,147	0.00	0.0		121.74

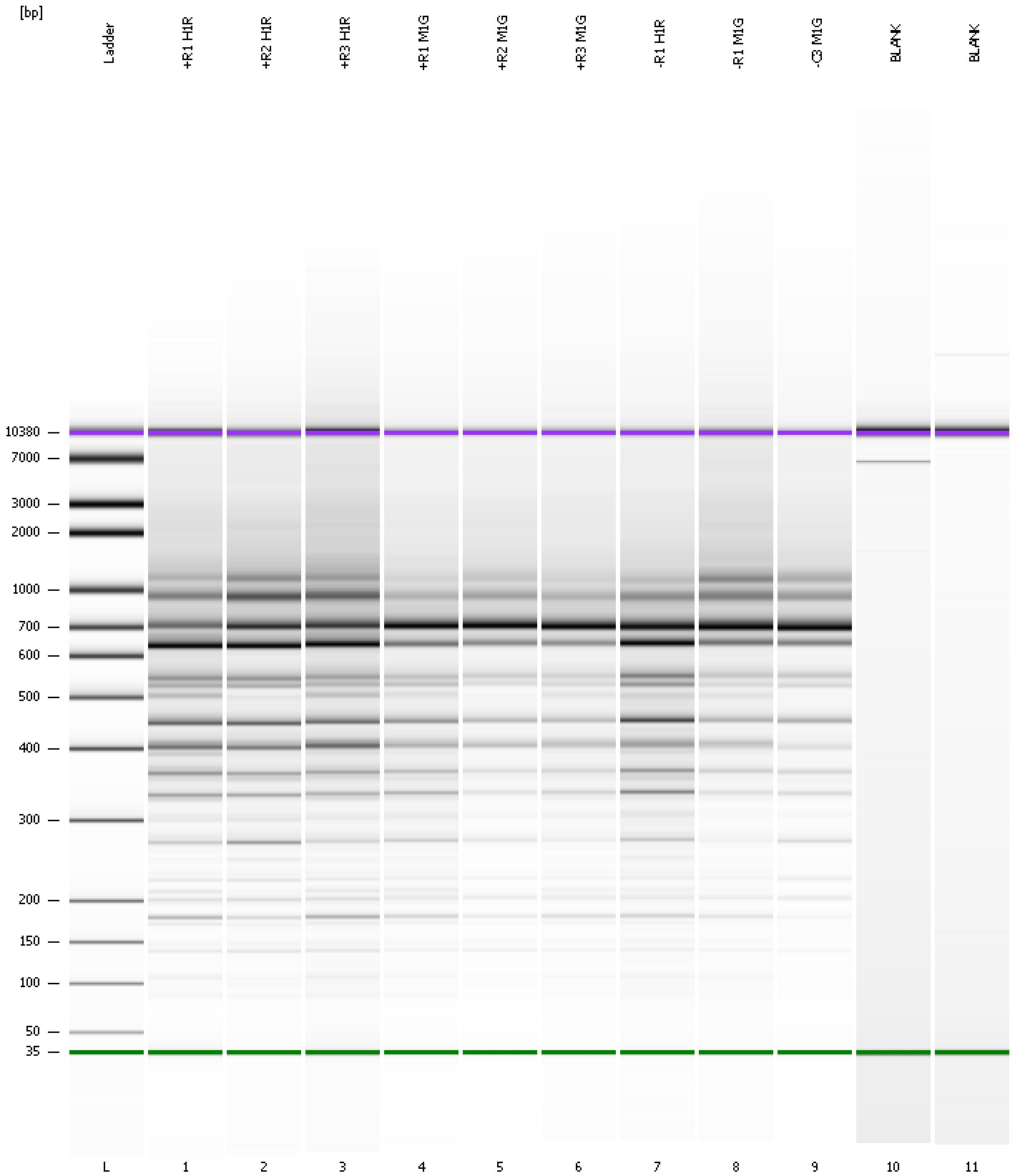
Region table for sample 11 : BLANK

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	0	0.00	0.0	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-12\2018-04-12_003.xad

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Curves

Standard Curve

