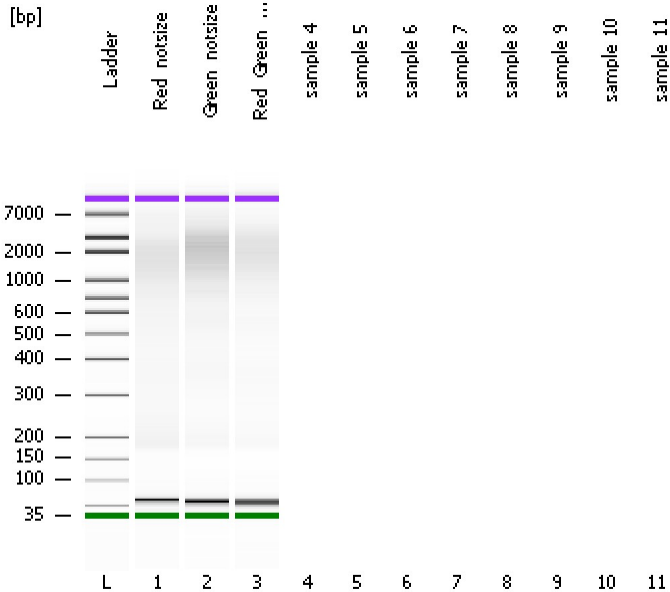


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

Created: 1/17/2018 11:40:40 AM
Modified: 1/17/2018 12:00:42 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

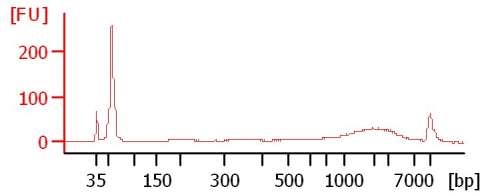
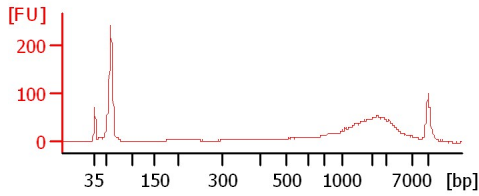
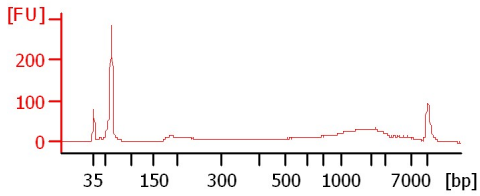
Chip Information:

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

Red_notsize

Green_notsize

Red_Green_notsize



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

Created: 1/17/2018 11:40:40 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Red_notsize		<input type="checkbox"/>	✓			
Green_notsize		<input type="checkbox"/>	✓			
Red_Green_notsize		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>				
sample 5		<input type="checkbox"/>				
sample 6		<input type="checkbox"/>				
sample 7		<input type="checkbox"/>				
sample 8		<input type="checkbox"/>				
sample 9		<input type="checkbox"/>				
sample 10		<input type="checkbox"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

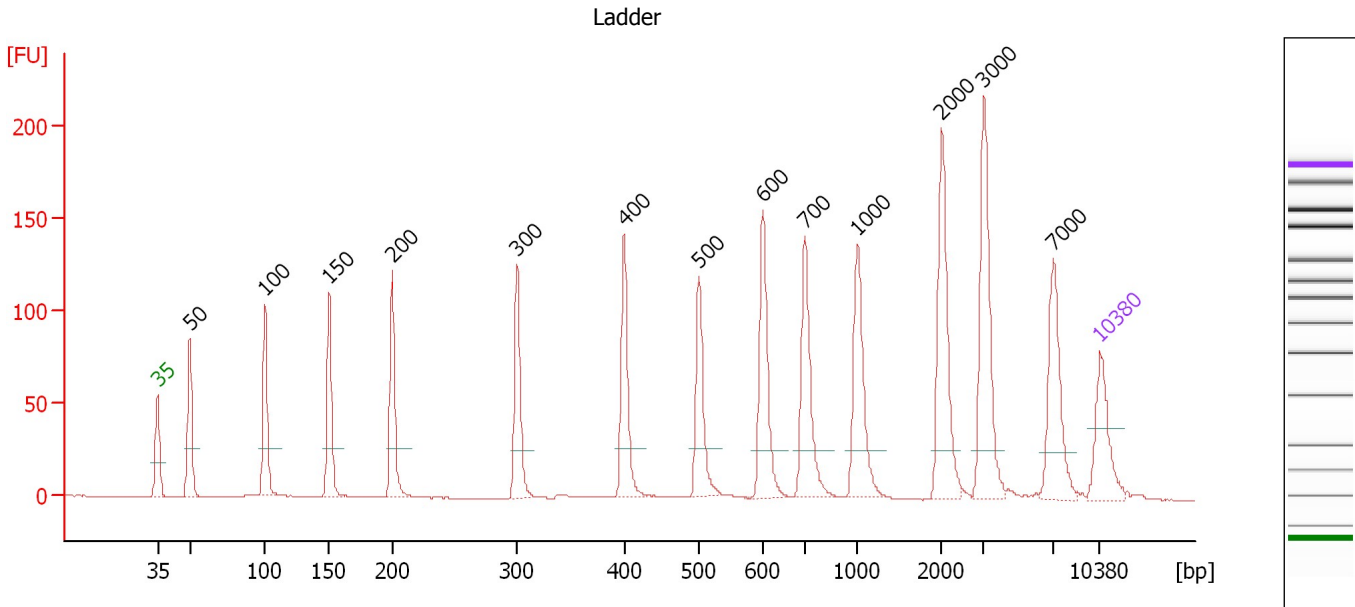
Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

Created: 1/17/2018 11:40:40 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

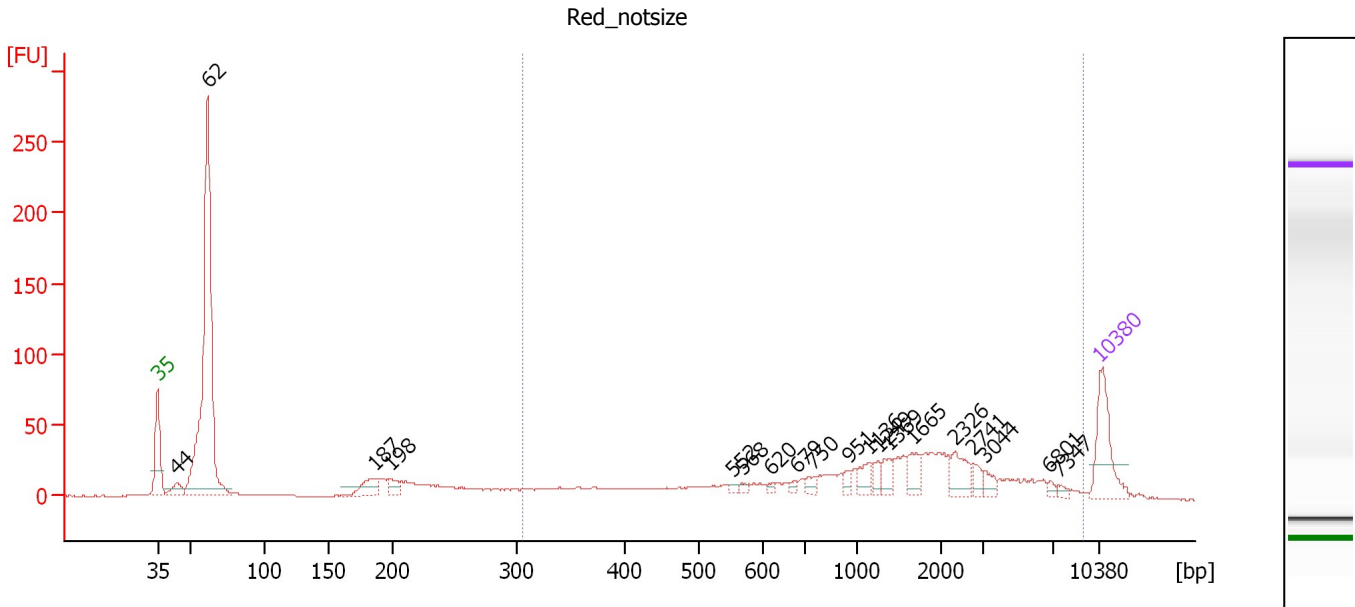
Peak table for Ladder

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	45.39
3	100	150.00	2,272.7	Ladder Peak	50.99
4	150	150.00	1,515.2	Ladder Peak	55.74
5	200	150.00	1,136.4	Ladder Peak	60.44
6	300	150.00	757.6	Ladder Peak	69.71
7	400	150.00	568.2	Ladder Peak	77.66
8	500	150.00	454.5	Ladder Peak	83.21
9	600	150.00	378.8	Ladder Peak	87.96
10	700	150.00	324.7	Ladder Peak	91.08
11	1,000	150.00	227.3	Ladder Peak	95.01
12	2,000	150.00	113.6	Ladder Peak	101.21
13	3,000	150.00	75.8	Ladder Peak	104.37
14	7,000	150.00	32.5	Ladder Peak	109.54
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : Red_notsize

Number of peaks found: 19 Corr. Area 1: 661.7
 Noise: 0.2

Peak table for sample 1 : Red_notsize

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	44	31.58	1,086.4		44.44
3	62	743.58	18,218.8		46.72
4	187	40.58	329.3		59.19
5	198	19.51	149.4		60.24
6	552	5.01	13.7		85.70
7	568	5.96	15.9		86.44
8	620	4.46	10.9		88.59
9	679	5.56	12.4		90.42
10	750	11.00	22.2		91.74
11	951	9.20	14.7		94.36
12	1,136	21.29	28.4		95.85
13	1,249	12.33	15.0		96.55
14	1,369	17.97	19.9		97.29
15	1,665	27.57	25.1		99.13
16	2,326	37.01	24.1		102.24
17	2,741	13.47	7.4		103.55
18	3,044	12.89	6.4		104.42
19	6,801	5.94	1.3		109.28
20	7,347	4.76	1.0		109.89
21	10,380	75.00	10.9	Upper Marker	113.00

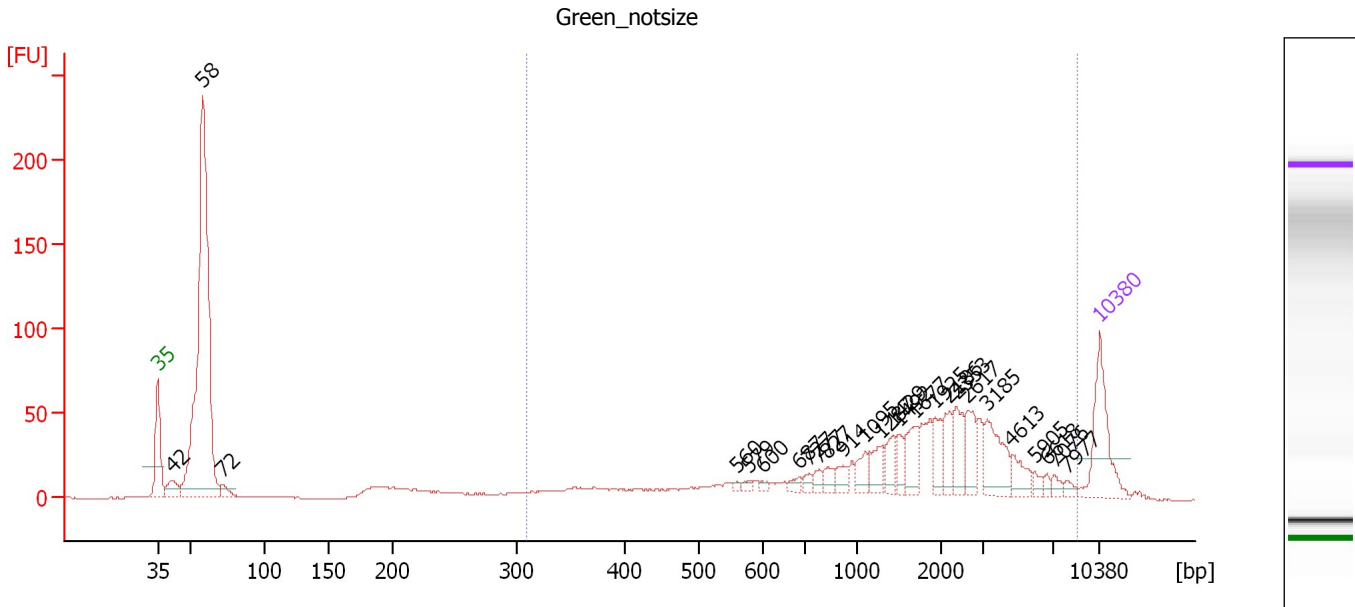
Region table for sample 1 : Red_notsize

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
305	9,105	1,896	661.7	607.93	1,128.9	48	93.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : Green_notsize

Number of peaks found: 26 Corr. Area 1: 834.4
 Noise: 0.2

Peak table for sample 2 : Green_notsize

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	42	35.94	1,308.7		44.05
3	58	772.37	20,020.5		46.34
4	72	15.68	331.0		47.83
5	560	3.49	9.5		86.06
6	579	4.94	12.9		86.94
7	600	4.35	11.0		87.95
8	687	8.69	19.2		90.68
9	727	8.37	17.5		91.42
10	777	9.36	18.3		92.08
11	827	13.73	25.1		92.74
12	914	14.67	24.3		93.89
13	1,095	22.33	30.9		95.60
14	1,287	23.75	28.0		96.79
15	1,429	23.45	24.9		97.66
16	1,492	16.99	17.3		98.06
17	1,677	33.51	30.3		99.20
18	1,925	23.61	18.6		100.74
19	2,186	29.43	20.4		101.79
20	2,353	34.01	21.9		102.32
21	2,617	34.60	20.0		103.16
22	3,185	53.94	25.7		104.61
23	4,613	22.33	7.3		106.45
24	5,905	7.82	2.0		108.12
25	6,618	5.28	1.2		109.05

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 2 : Green notsize

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	7,076	7.07	1.5		109.62
27	7,977	6.46	1.2		110.54
28	10,380	75.00	10.9	Upper Marker	113.00

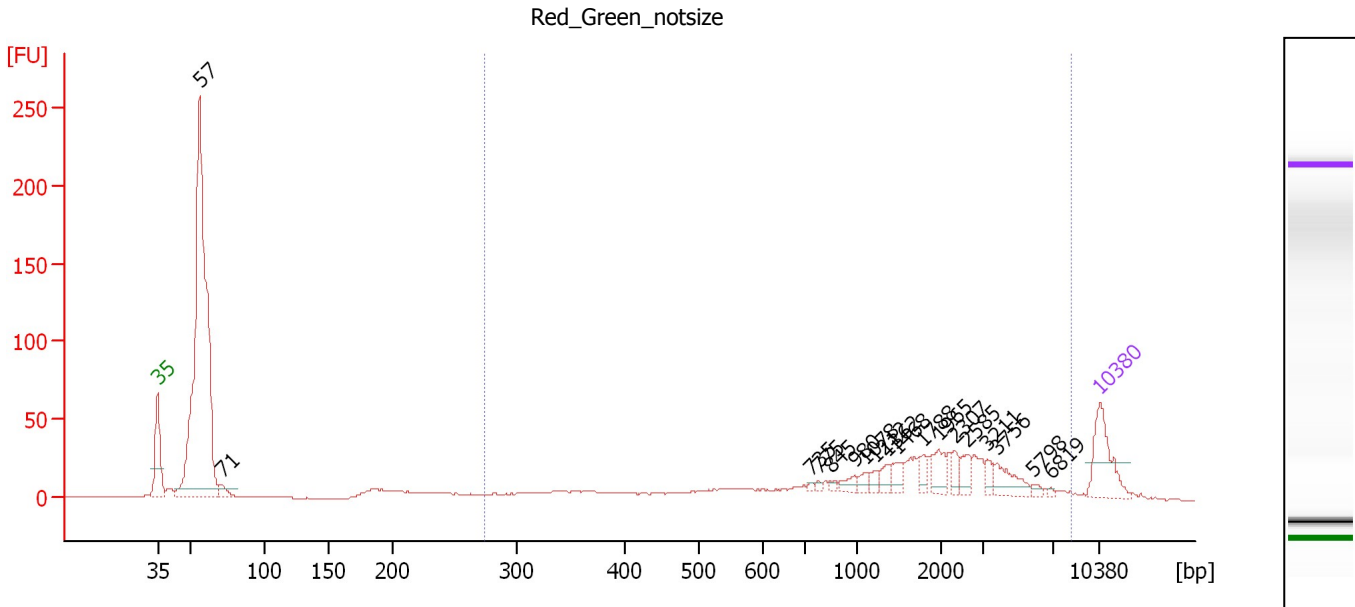
Region table for sample 2 : Green notsize

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
308	8,716	2,140	834.4	716.48	1,102.4	56	78.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : Red Green notsize

Number of peaks found: 18 Corr. Area 1: 519.2
 Noise: 0.2

Peak table for sample 3 : Red Green notsize

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	1,166.88	31,277.8		46.12
3	71	20.92	446.1		47.75
4	735	4.05	8.4		91.53
5	775	4.44	8.7		92.06
6	845	5.09	9.1		92.98
7	980	14.82	22.9		94.74
8	1,078	11.01	15.5		95.49
9	1,212	11.71	14.6		96.32
10	1,362	17.59	19.6		97.25
11	1,468	17.96	18.5		97.91
12	1,788	15.52	13.2		99.89
13	1,965	31.78	24.5		100.99
14	2,307	16.32	10.7		102.18
15	2,585	22.89	13.4		103.06
16	3,211	13.98	6.6		104.64
17	3,756	36.05	14.5		105.34
18	5,798	5.88	1.5		107.98
19	6,819	2.72	0.6		109.30
20	10,380	75.00	10.9	Upper Marker	113.00

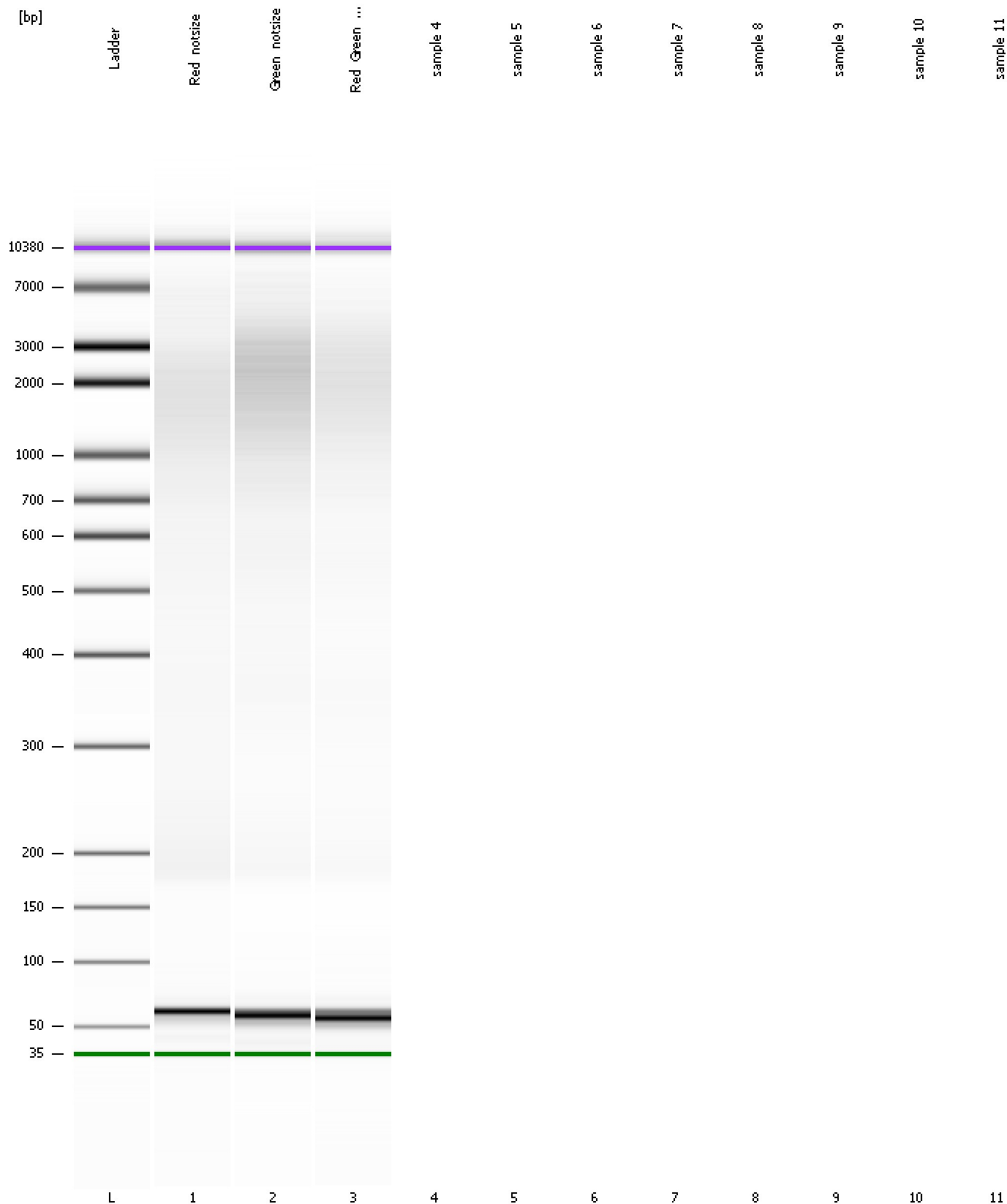
Region table for sample 3 : Red Green notsize

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
273	8,231	1,999	519.2	582.39	1,009.5	43	79.4

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

Created: 1/17/2018 11:40:40 AM
Modified: 1/17/2018 12:00:42 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-17\2018-01-17_001.xad

Created: 1/17/2018 11:40:40 AM
Modified: 1/17/2018 12:00:42 PM

Invalid Samples

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.