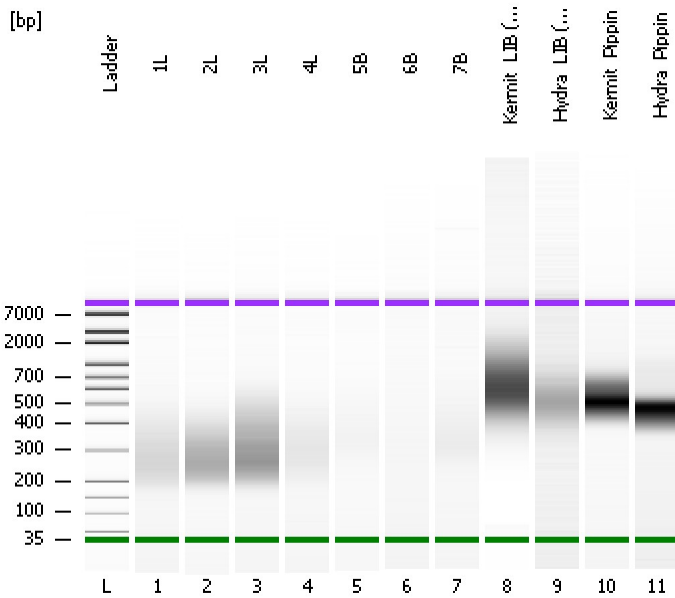


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
Modified: 2/6/2018 4:59:02 PM

Electrophoresis File Run Summary



Instrument Information:

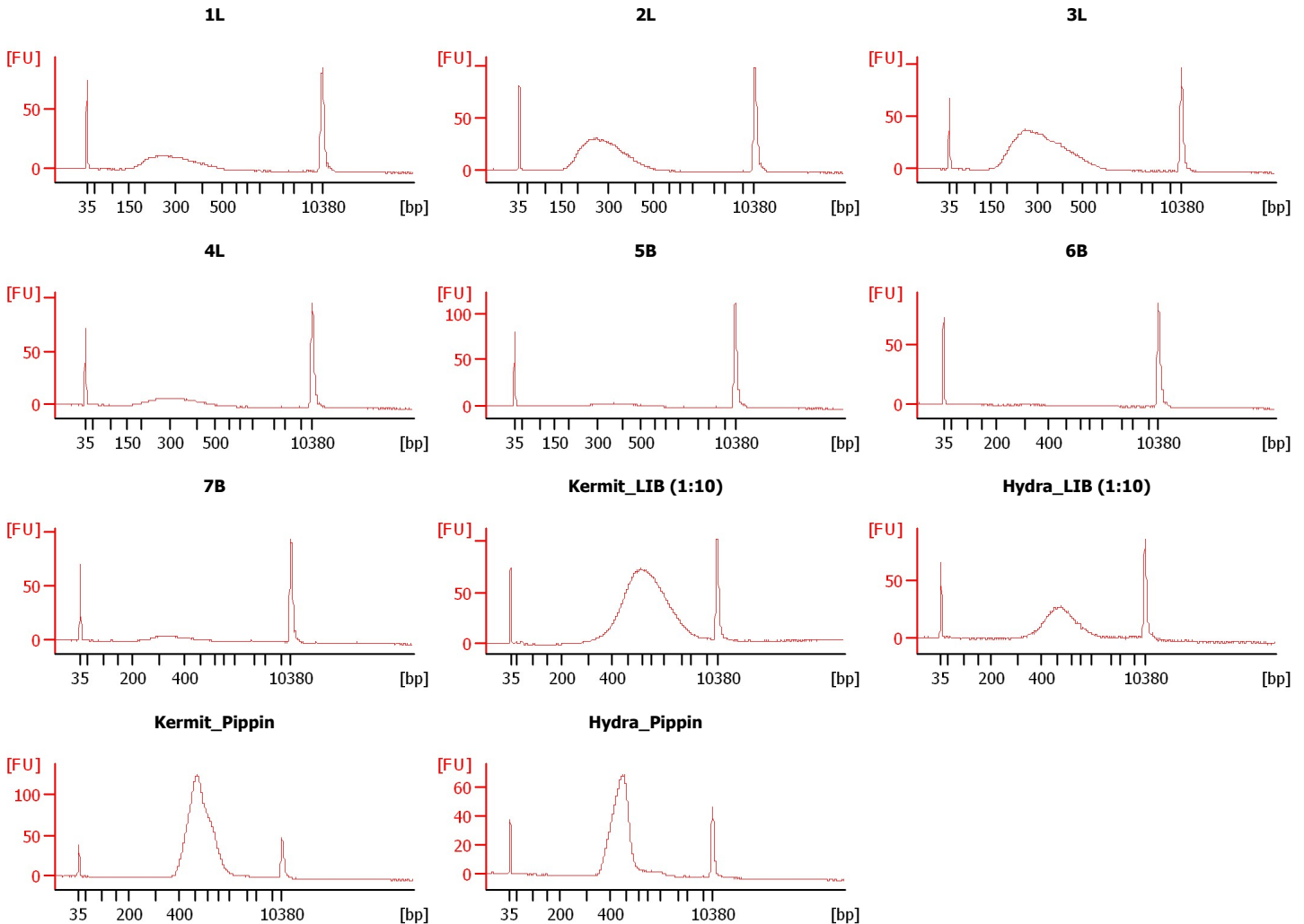
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
 Modified: 2/6/2018 4:59:02 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1L		<input type="checkbox"/>	✓			
2L		<input type="checkbox"/>	✓			
3L		<input type="checkbox"/>	✓			
4L		<input type="checkbox"/>	✓			
5B		<input type="checkbox"/>	✓			
6B		<input type="checkbox"/>	✓			
7B		<input type="checkbox"/>	✓			
Kermit_LIB (1:10)		<input type="checkbox"/>	✓			
Hydra_LIB (1:10)		<input type="checkbox"/>	✓			
Kermit_Pippin		<input type="checkbox"/>	✓			
Hydra_Pippin		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

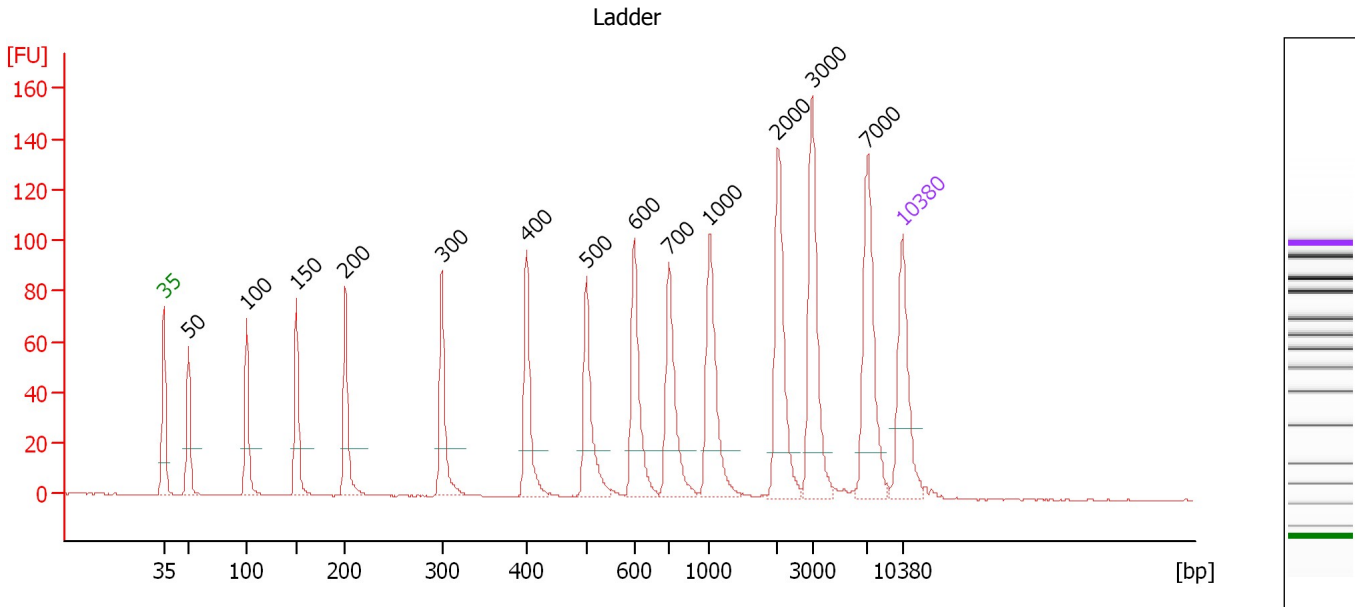
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
 Modified: 2/6/2018 4:59:02 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

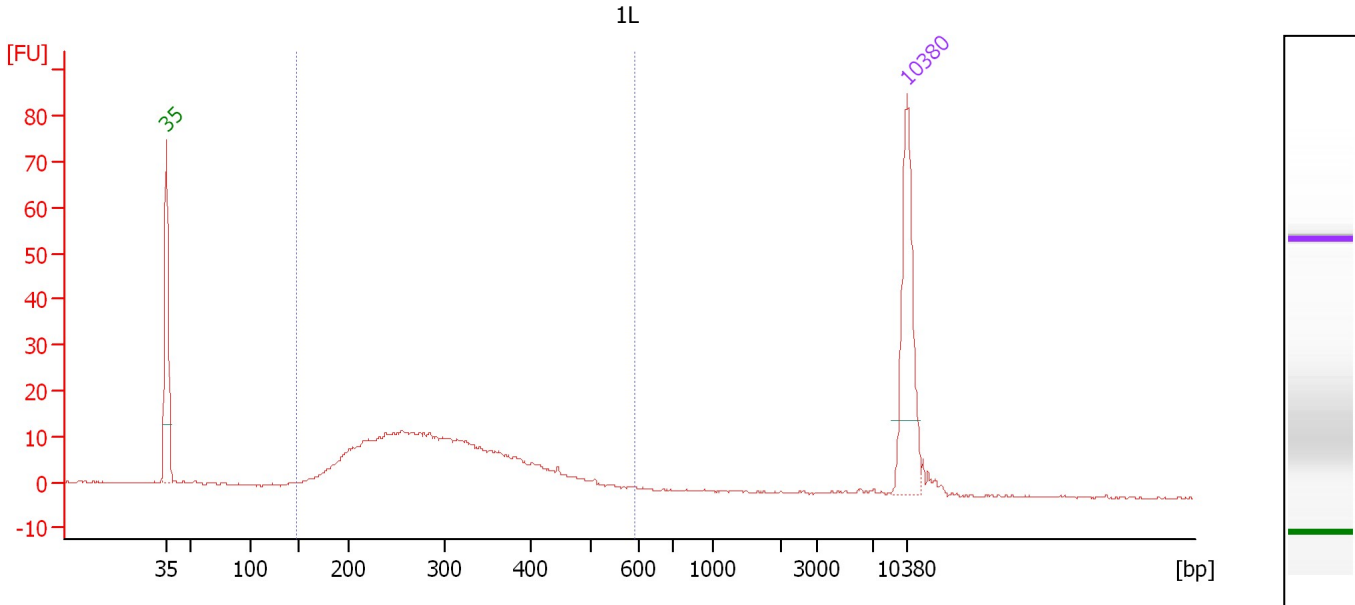
Peak table for Ladder

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	45.37
3	100	150.00	2,272.7	Ladder Peak	50.88
4	150	150.00	1,515.2	Ladder Peak	55.58
5	200	150.00	1,136.4	Ladder Peak	60.22
6	300	150.00	757.6	Ladder Peak	69.36
7	400	150.00	568.2	Ladder Peak	77.39
8	500	150.00	454.5	Ladder Peak	83.05
9	600	150.00	378.8	Ladder Peak	87.60
10	700	150.00	324.7	Ladder Peak	90.88
11	1,000	150.00	227.3	Ladder Peak	94.72
12	2,000	150.00	113.6	Ladder Peak	101.18
13	3,000	150.00	75.8	Ladder Peak	104.41
14	7,000	150.00	32.5	Ladder Peak	109.72
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : 1L

Number of peaks found: 0 Corr. Area 1: 308.0
 Noise: 0.2

Peak table for sample 1 : 1L

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

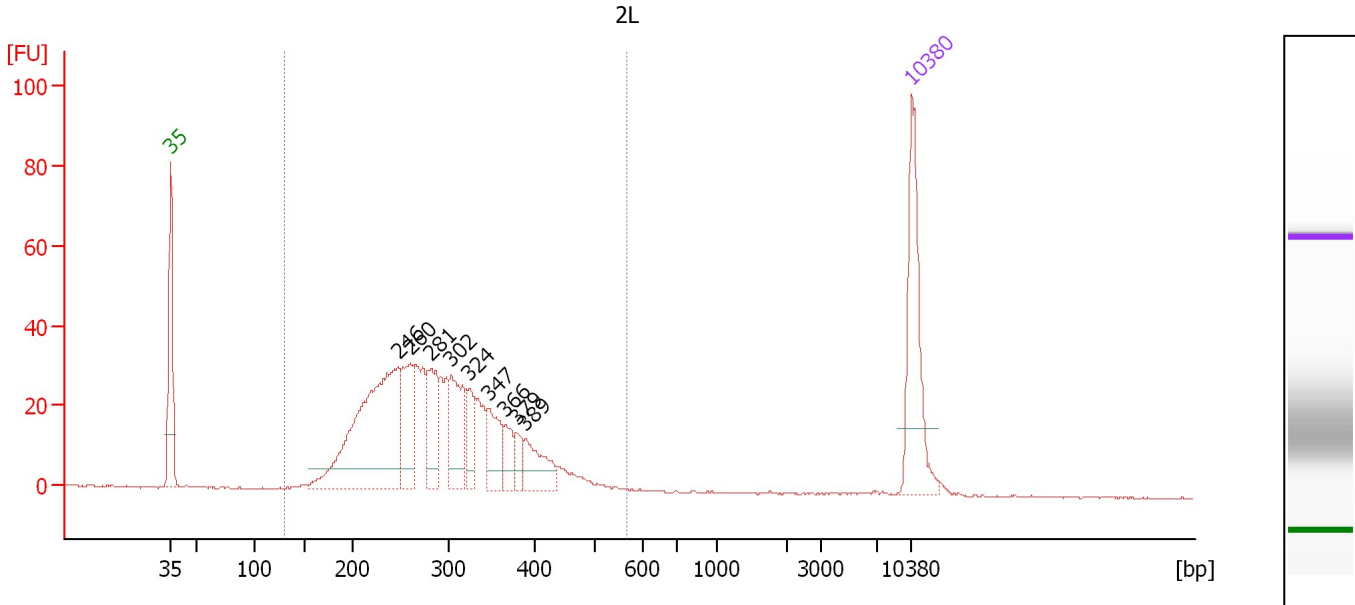
Region table for sample 1 : 1L

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
146	594	302	308.0	398.08	2,207.6	94	27.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : 2L

Number of peaks found: 9 Corr. Area 1: 695.4
 Noise: 0.2

Peak table for sample 2 : 2L

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	252.76	1,553.9		64.47
3	260	73.30	426.8		65.73
4	281	58.81	316.9		67.64
5	302	63.12	316.2		69.56
6	324	29.50	138.1		71.27
7	347	40.54	177.0		73.14
8	366	22.12	91.6		74.65
9	379	14.66	58.6		75.71
10	389	37.06	144.3		76.51
11	10,380	75.00	10.9	Upper Marker	113.00

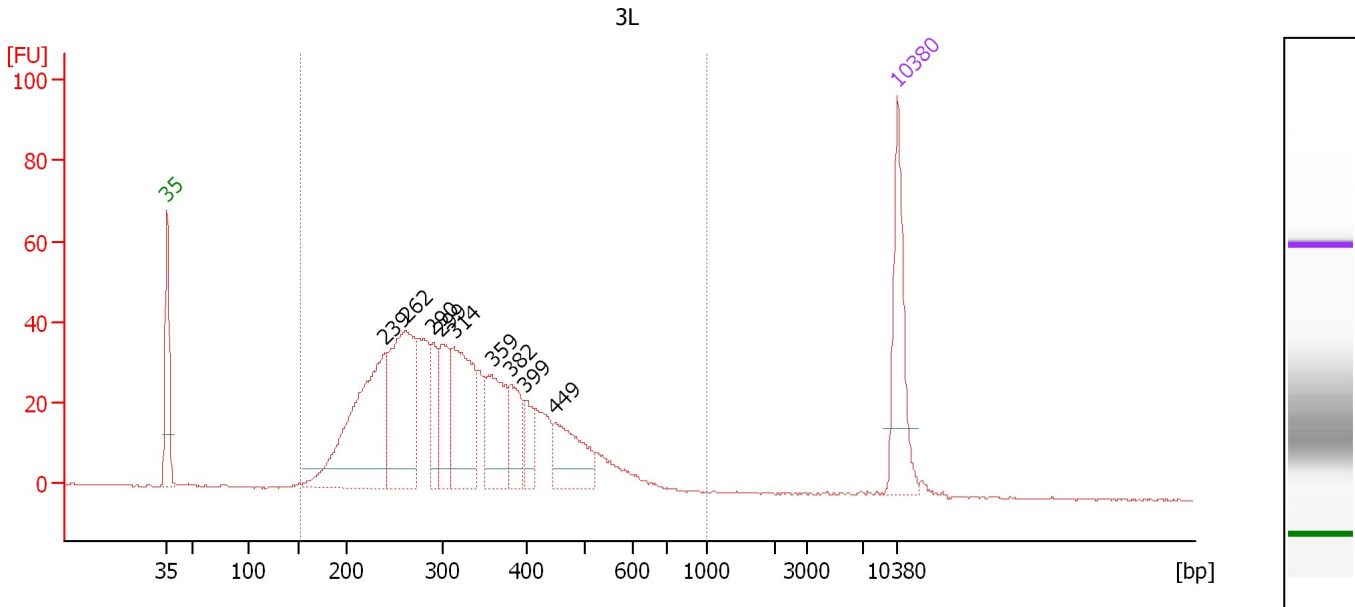
Region table for sample 2 : 2L

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
132	568	293	695.4	771.60	4,294.6	98	24.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : 3L

Number of peaks found: 9 Corr. Area 1: 998.7
 Noise: 0.2

Peak table for sample 3 : 3L

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	239	252.18	1,597.0		63.81
3	262	207.57	1,202.1		65.86
4	290	45.88	239.6		68.46
5	299	73.26	371.1		69.28
6	314	142.37	686.4		70.51
7	359	90.54	381.6		74.14
8	382	50.82	201.4		75.98
9	399	27.11	103.0		77.31
10	449	70.77	238.7		80.17
11	10,380	75.00	10.9	Upper Marker	113.00

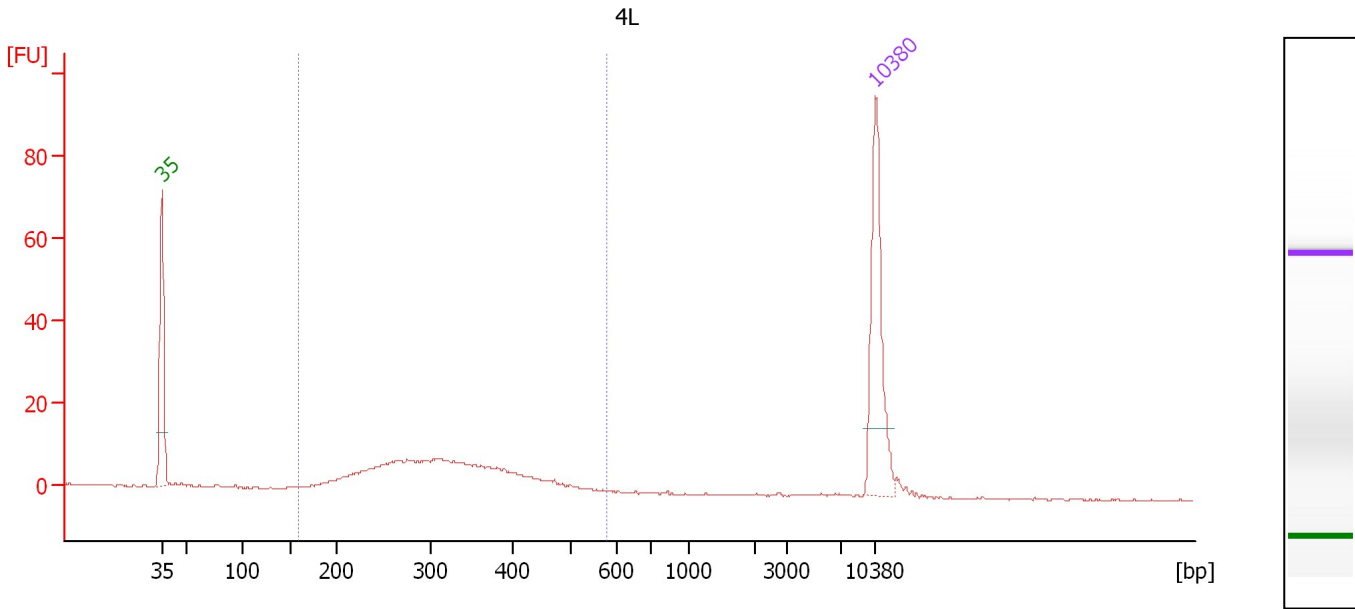
Region table for sample 3 : 3L

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
151	1,000	330	998.7	1,205.86	6,220.9	99	30.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 4 : 4L

Number of peaks found: 0 Corr. Area 1: 171.8
 Noise: 0.2

Peak table for sample 4 : 4L

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

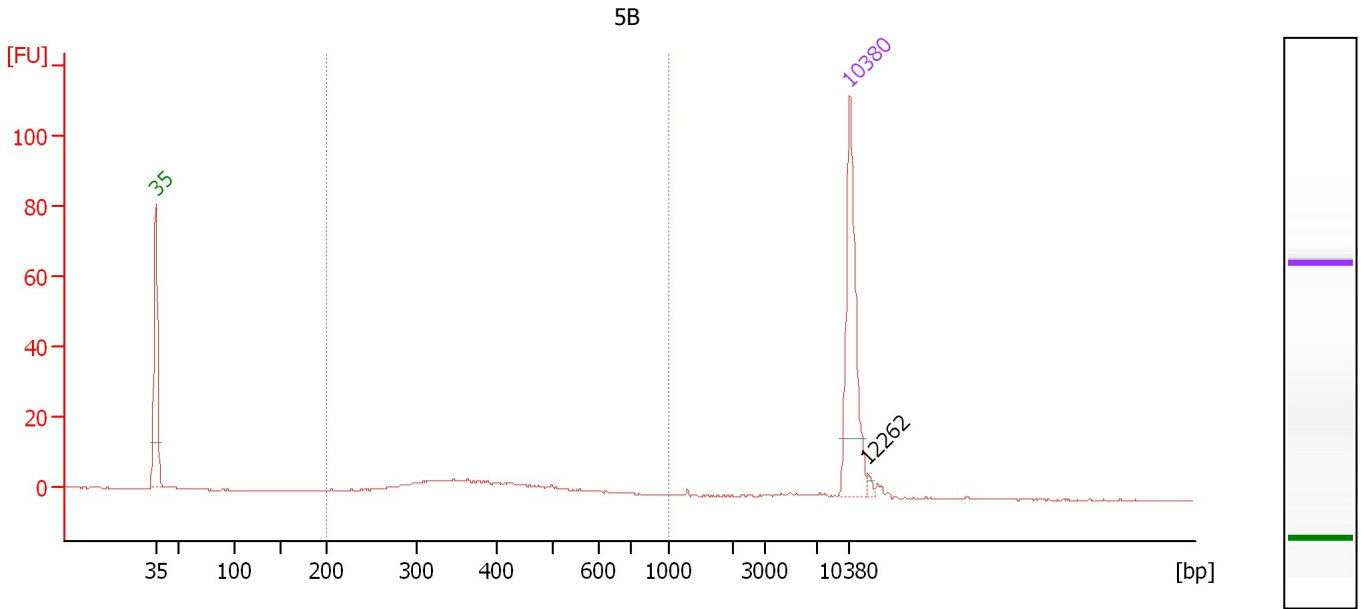
Region table for sample 4 : 4L

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
158	578	322	171.8	200.10	1,018.2	95	24.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : 5B

Number of peaks found: 1 Corr. Area 1: 69.7
 Noise: 0.2

Peak table for sample 5 : 5B

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	12,262	0.00	0.0		114.83

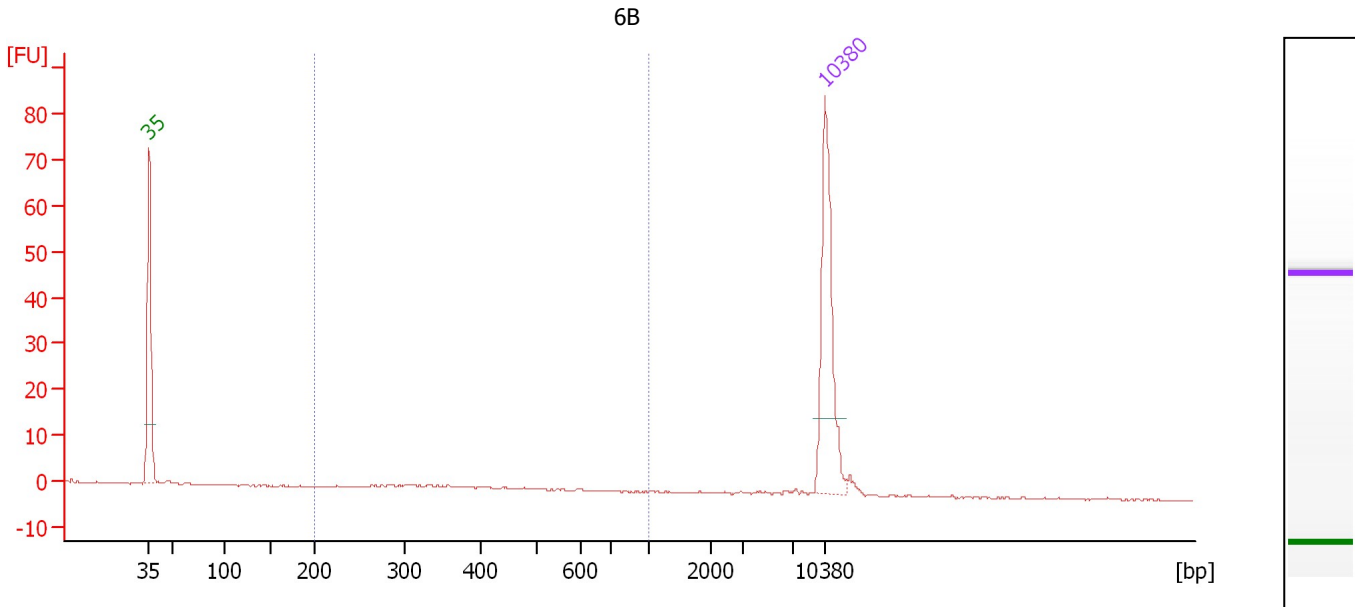
Region table for sample 5 : 5B

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	392	69.7	69.26	289.0	84	24.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : 6B

Number of peaks found: 0 Corr. Area 1: 18.0
 Noise: 0.1

Peak table for sample 6 : 6B

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

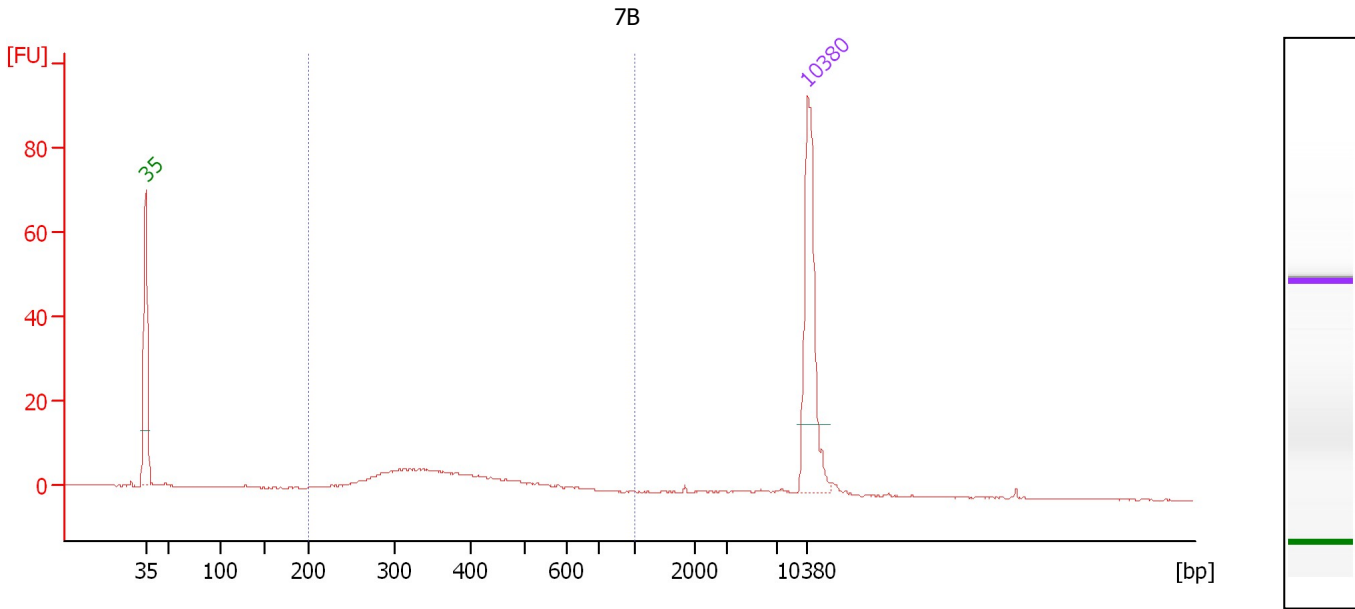
Region table for sample 6 : 6B

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	395	18.0	21.69	94.7	47	33.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : 7B

Number of peaks found: 0 Corr. Area 1: 102.6
 Noise: 0.2

Peak table for sample 7 : 7B

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 7 : 7B

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	387	102.6	111.98	481.9	85	28.9

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Modified: 2/6/2018 4:59:02 PM

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