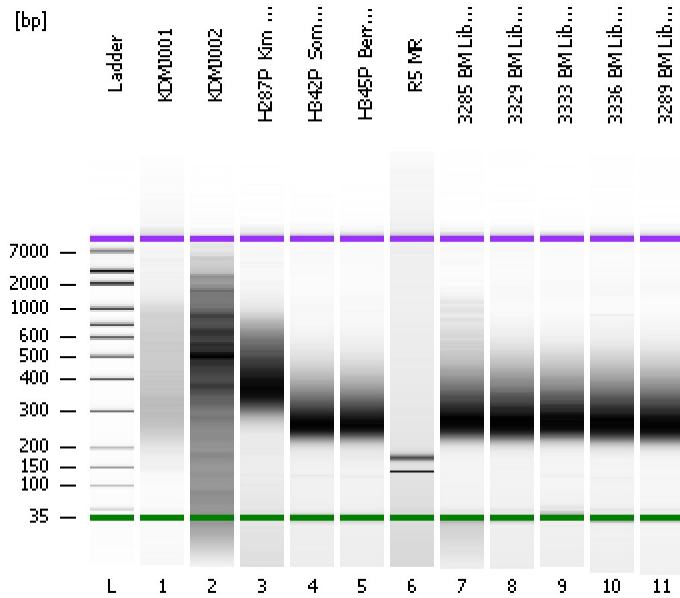


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
Modified: 1/14/2016 3:51:41 PM

Electrophoresis File Run Summary



Instrument Information:

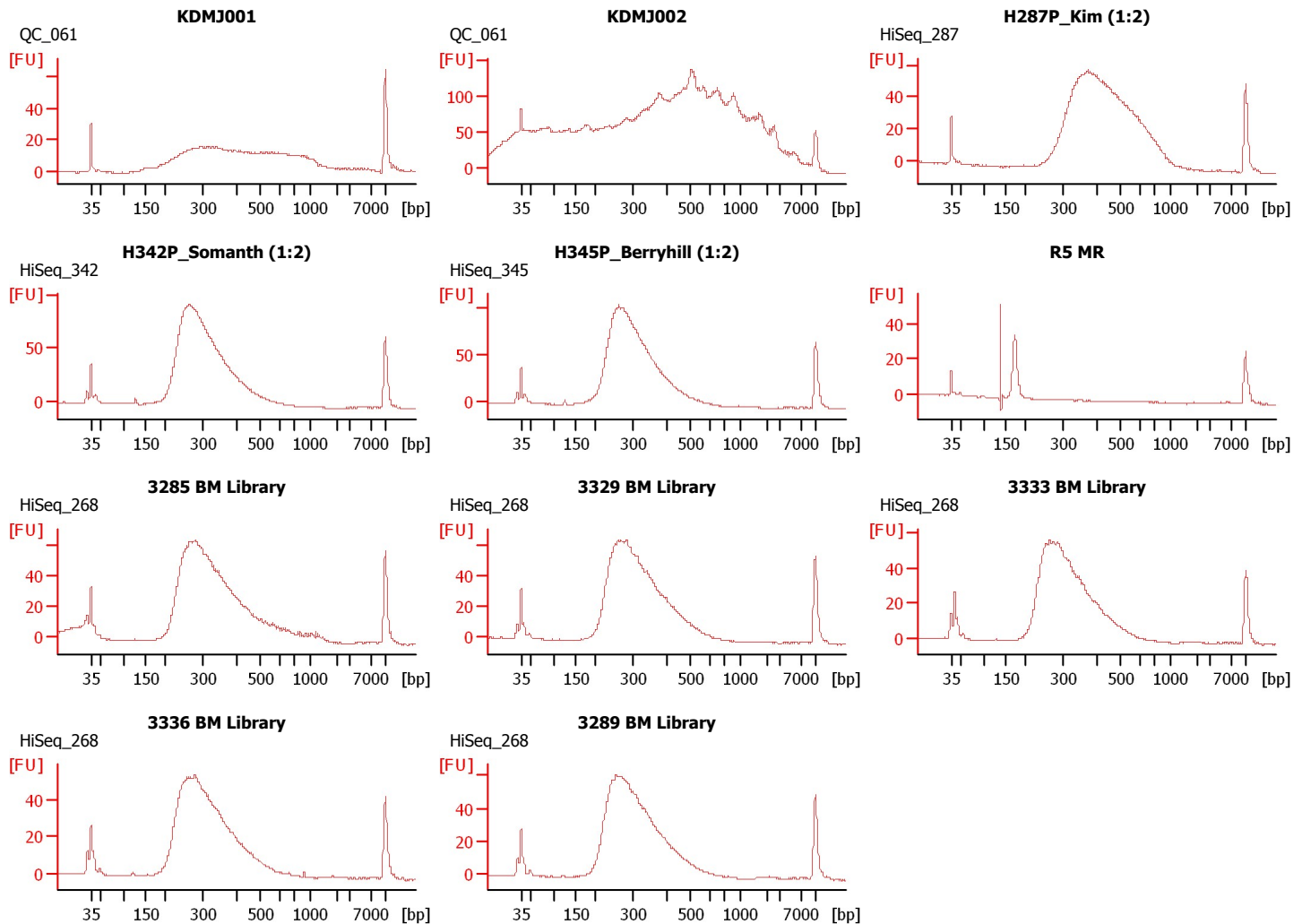
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
KDMJ001	QC_061	<input type="checkbox"/>	✓			
KDMJ002	QC_061	<input type="checkbox"/>	✓			
H287P_Kim (1:2)	HiSeq_287	<input type="checkbox"/>	✓			
H342P_Somanth (1:2)	HiSeq_342	<input type="checkbox"/>	✓			
H345P_Berryhill (1:2)	HiSeq_345	<input type="checkbox"/>	✓			
R5 MR		<input type="checkbox"/>	✓			
3285 BM Library	HiSeq_268	<input type="checkbox"/>	✓			
3329 BM Library	HiSeq_268	<input type="checkbox"/>	✓			
3333 BM Library	HiSeq_268	<input type="checkbox"/>	✓			
3336 BM Library	HiSeq_268	<input type="checkbox"/>	✓			
3289 BM Library	HiSeq_268	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
Modified: 1/14/2016 3:51:41 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

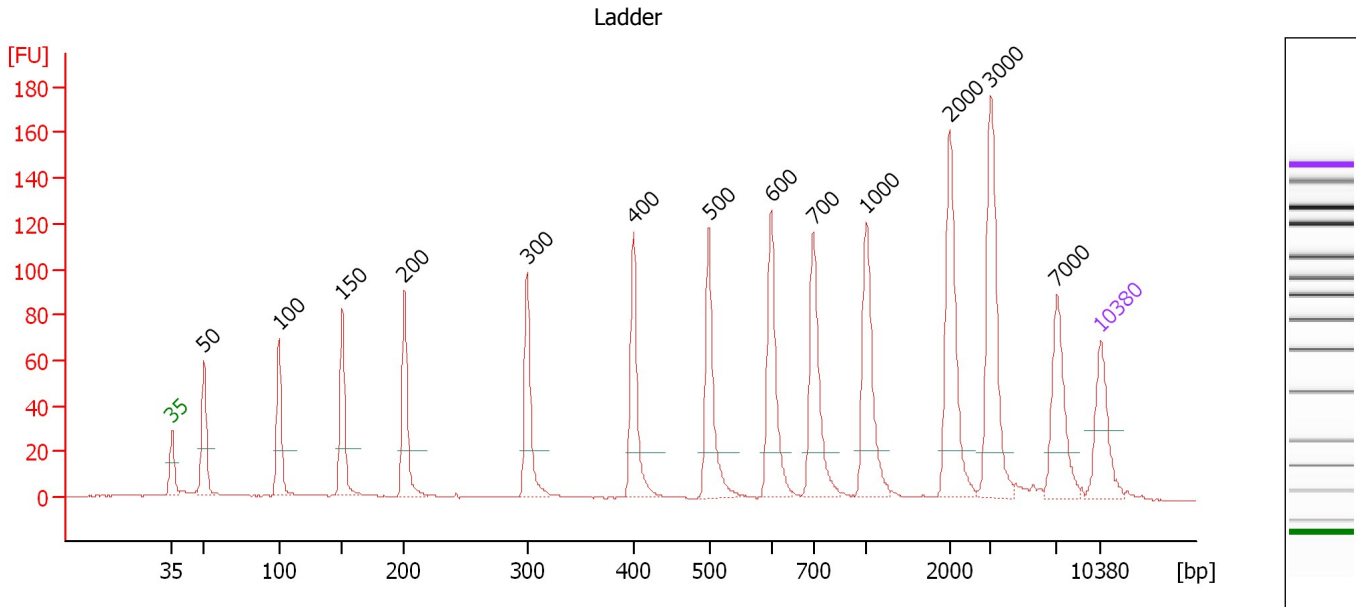
Ladder

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:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

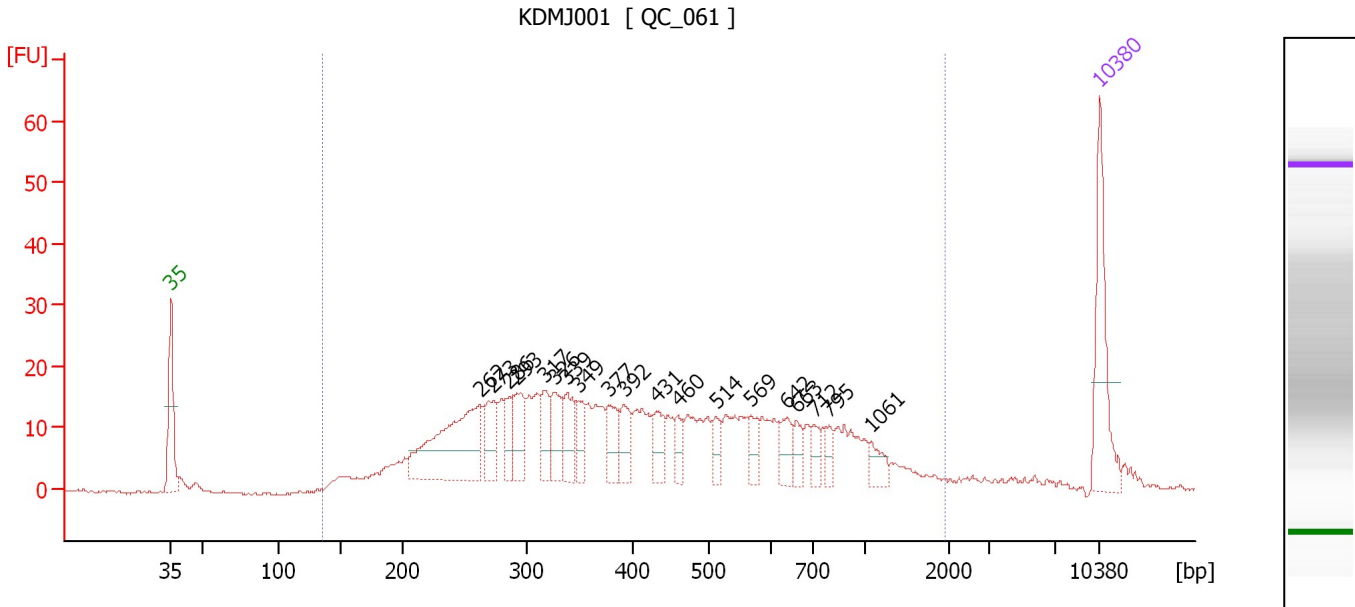
Peak table for Ladder

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	45.43
3	100	150.00	2,272.7	Ladder Peak	51.06
4	150	150.00	1,515.2	Ladder Peak	55.84
5	200	150.00	1,136.4	Ladder Peak	60.51
6	300	150.00	757.6	Ladder Peak	69.77
7	400	150.00	568.2	Ladder Peak	77.79
8	500	150.00	454.5	Ladder Peak	83.46
9	600	150.00	378.8	Ladder Peak	88.14
10	700	150.00	324.7	Ladder Peak	91.34
11	1,000	150.00	227.3	Ladder Peak	95.34
12	2,000	150.00	113.6	Ladder Peak	101.60
13	3,000	150.00	75.8	Ladder Peak	104.70
14	7,000	150.00	32.5	Ladder Peak	109.66
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : KDMJ001

Number of peaks found: 19 Corr. Area 1: 625.2
 Noise: 0.2

Peak table for sample 1 : KDMJ001

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	262	176.62	1,020.0		66.29
3	273	45.27	251.0		67.30
4	286	32.22	170.5		68.50
5	293	47.75	247.3		69.08
6	317	38.88	185.7		71.14
7	326	44.27	205.6		71.87
8	339	41.96	187.7		72.88
9	349	26.60	115.5		73.69
10	377	36.01	144.7		75.96
11	392	30.91	119.4		77.16
12	431	32.42	113.9		79.56
13	460	20.02	65.9		81.20
14	514	17.67	52.1		84.13
15	569	20.60	54.9		86.68
16	642	25.00	59.0		89.47
17	663	16.91	38.7		90.15
18	712	17.36	36.9		91.49
19	795	13.27	25.3		92.60
20	1,061	17.31	24.7		95.73
21	10,380	75.00	10.9	Upper Marker	113.00

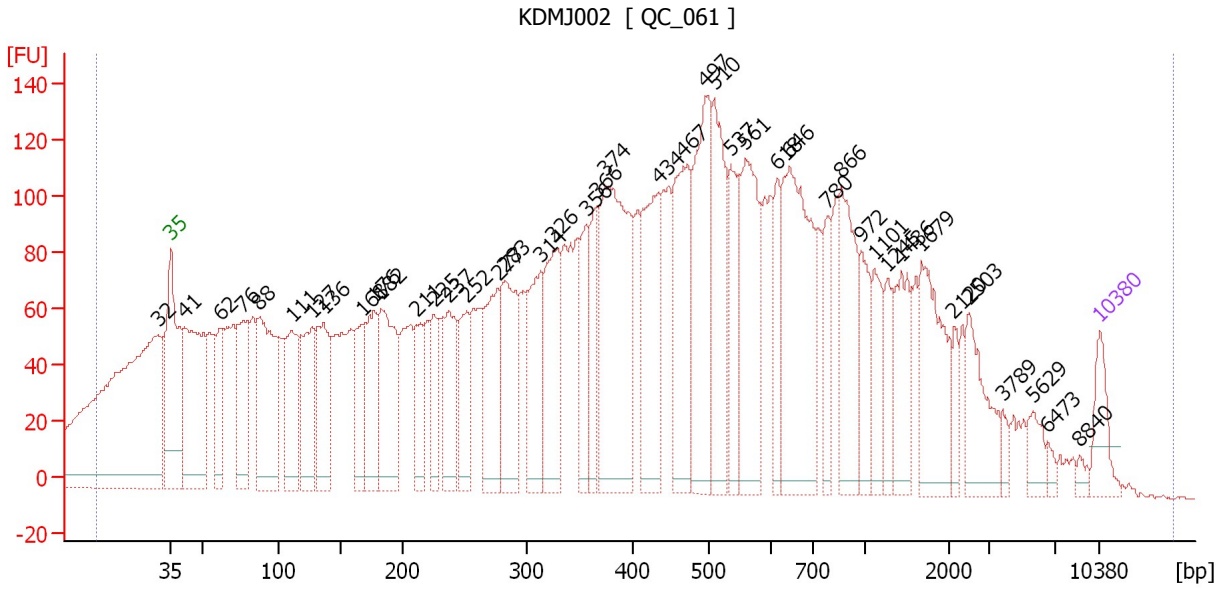
Region table for sample 1 : KDMJ001

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
136	1,949	485	625.2	6,419.2	1,466.89	94	59.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : KDMJ002

Number of peaks found: 43 Corr. Area 1: 7,017.2
 Noise: 0.7

Peak table for sample 2 : KDMJ002

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.00
2	35	125.00	5,411.3	Lower Marker	43.00
3	41	613.41	22,423.3		44.05
4	62	194.78	4,746.7		46.80
5	76	260.67	5,189.5		48.37
6	88	489.87	8,481.6		49.66
7	111	300.56	4,096.2		52.13
8	127	291.80	3,478.0		53.65
9	136	302.11	3,363.6		54.51
10	168	196.54	1,774.3		57.50
11	176	238.04	2,043.6		58.31
12	182	387.83	3,227.3		58.84
13	211	163.42	1,175.4		61.50
14	225	132.92	894.9		62.83
15	237	221.00	1,410.7		63.97
16	252	175.44	1,055.8		65.30
17	277	261.63	1,431.4		67.63
18	283	312.64	1,673.3		68.20
19	314	250.90	1,211.8		70.87
20	326	292.27	1,360.2		71.82
21	356	179.52	763.2		74.29
22	366	163.02	674.0		75.10
23	374	663.13	2,685.0		75.72
24	434	353.21	1,233.3		79.71
25	467	355.75	1,155.2		81.57

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 2 : KDMJ002

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	497	423.29	1,291.1		83.28
27	510	320.30	951.1		83.94
28	537	175.76	496.2		85.18
29	561	367.61	992.6		86.32
30	618	134.14	329.1		88.70
31	646	513.73	1,205.3		89.60
32	780	106.62	207.0		92.41
33	866	262.50	459.4		93.55
34	972	112.11	174.7		94.98
35	1,101	107.01	147.3		95.98
36	1,245	84.89	103.3		96.88
37	1,436	144.11	152.1		98.07
38	1,679	231.36	208.8		99.59
39	2,120	45.80	32.7		101.97
40	2,503	152.45	92.3		103.16
41	3,789	21.75	8.7		105.68
42	5,629	48.07	12.9		107.96
43	6,473	15.57	3.6		109.01
44	8,840	14.37	2.5		111.48
45	10,380	75.00	10.9	Upper Marker	113.00

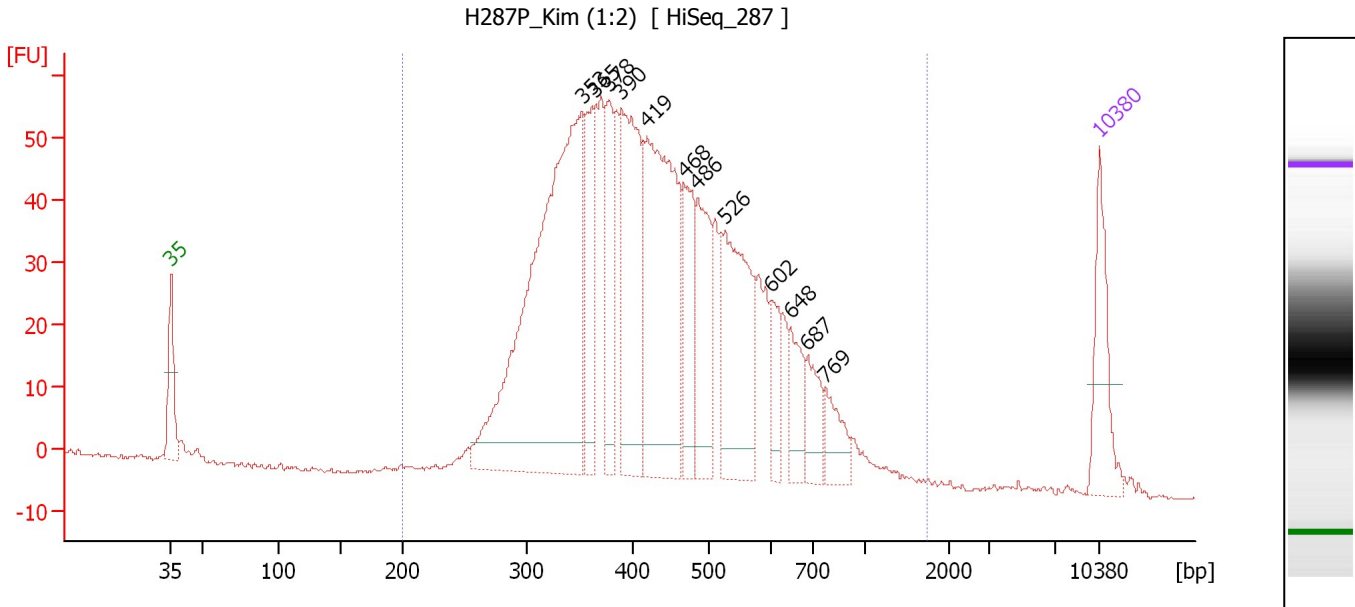
Region table for sample 2 : KDMJ002

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
0	15,980	816	7,017.2	226,728.7	14,280.57	97	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : H287P_Kim (1:2)

Number of peaks found: 12 Corr. Area 1: 1,331.6
 Noise: 0.2

Peak table for sample 3 : H287P_Kim (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	353	746.10	3,205.0		73.99
3	365	127.36	529.2		74.95
4	378	109.85	440.7		76.00
5	390	261.97	1,018.8		76.95
6	419	368.81	1,334.0		78.86
7	468	104.41	337.7		81.67
8	486	131.99	411.4		82.67
9	526	216.30	623.2		84.68
10	602	51.13	128.7		88.20
11	648	53.89	125.9		89.68
12	687	51.41	113.4		90.92
13	769	46.24	91.1		92.26
14	10,380	75.00	10.9	Upper Marker	113.00

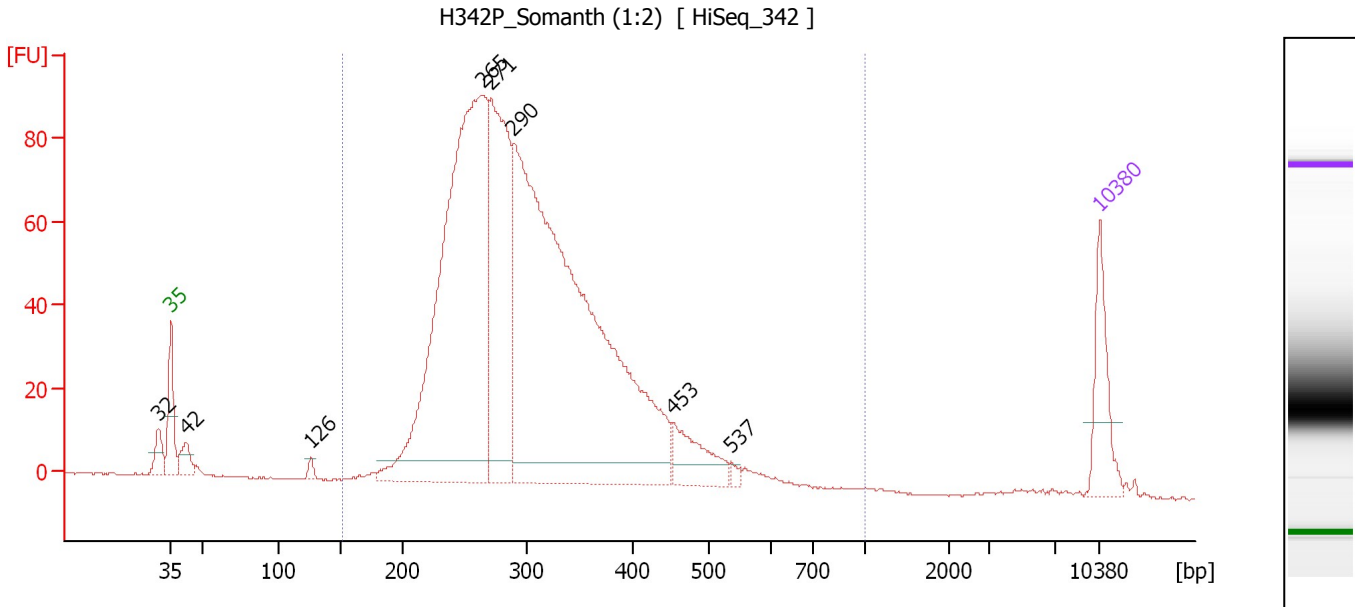
Region table for sample 3 : H287P_Kim (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,743	453	1,331.6	10,200.6	2,747.07	99	31.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : H342P Somanth (1:2)

Number of peaks found: 8 Corr. Area 1: 1,598.4
 Noise: 0.2

Peak table for sample 4 : H342P Somanth (1:2)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.08
2	35	125.00	5,411.3	Lower Marker	43.00
3	42	42.72	1,536.0		44.16
4	126	10.68	128.2		53.57
5	265	1,131.19	6,464.1		66.54
6	271	470.11	2,624.5		67.12
7	290	1,495.58	7,823.6		68.81
8	453	88.29	295.0		80.82
9	537	8.03	22.6		85.21
10	10,380	75.00	10.9	Upper Marker	113.00

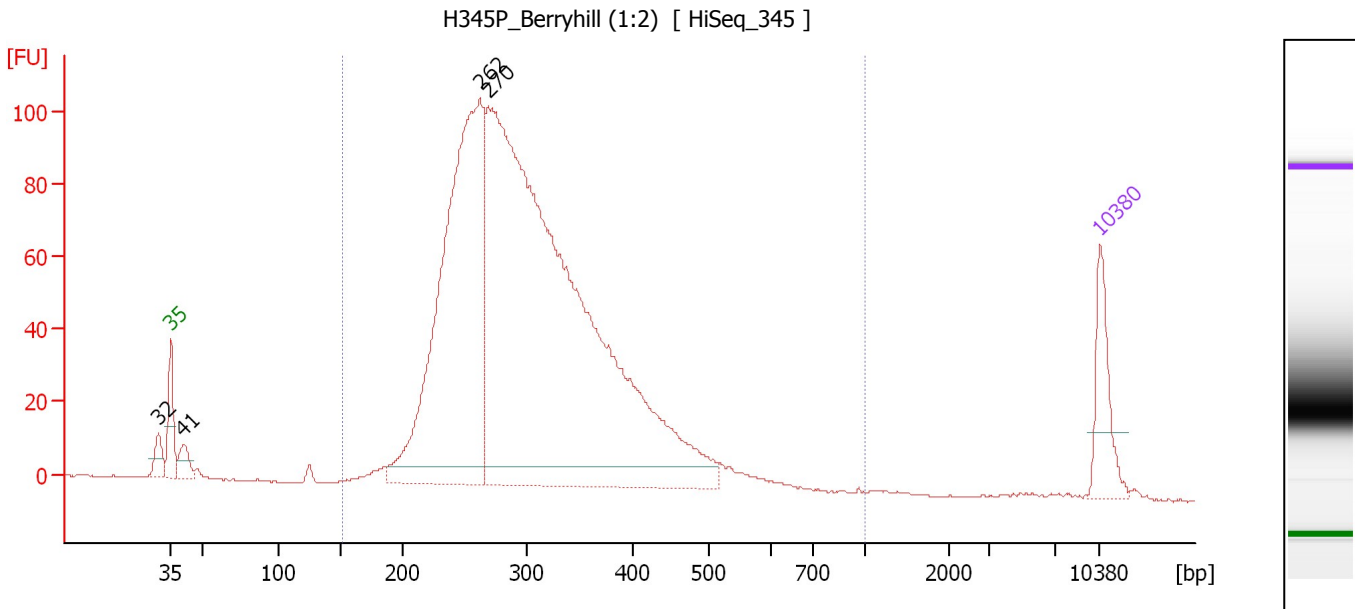
Region table for sample 4 : H342P Somanth (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
150	1,000	311	1,598.4	16,150.6	3,106.82	97	24.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : H345P_Berryhill (1:2)

Number of peaks found: 4 Corr. Area 1: 1,775.8
 Noise: 0.2

Peak table for sample 5 : H345P_Berryhill (1:2)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.07
2	35	125.00	5,411.3	Lower Marker	43.00
3	41	42.68	1,588.4		43.93
4	262	1,044.58	6,036.6		66.27
5	270	2,175.66	12,228.9		66.95
6	10,380	75.00	10.9	Upper Marker	113.00

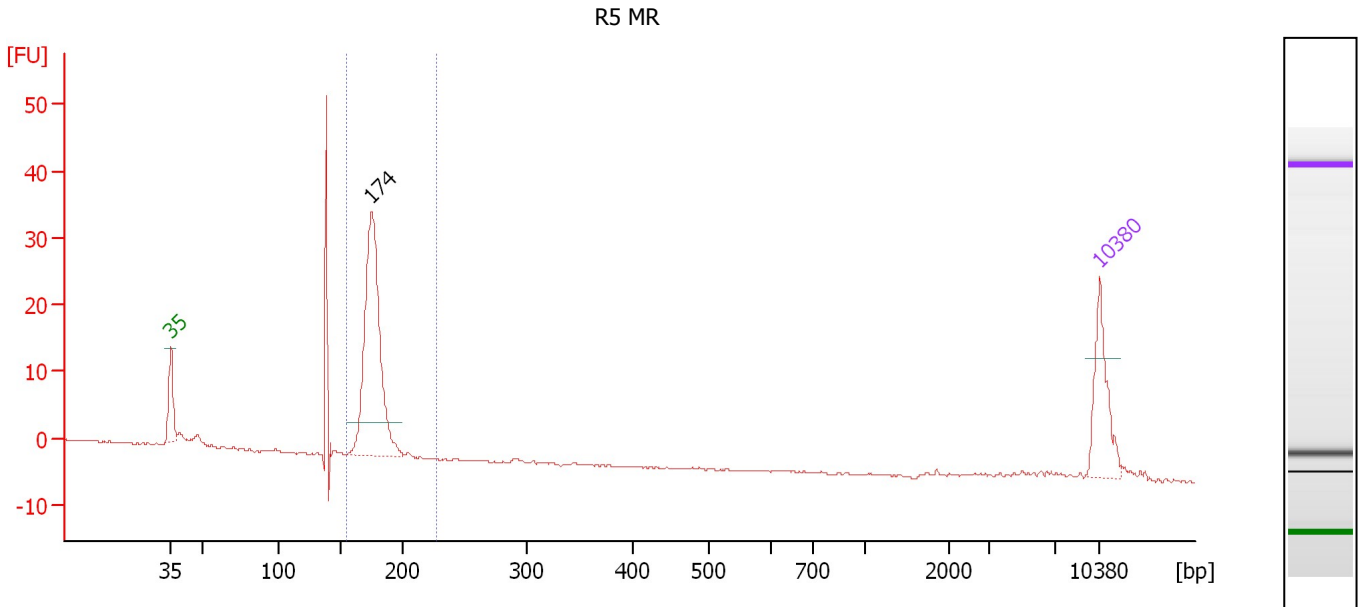
Region table for sample 5 : H345P_Berryhill (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
150	1,000	308	1,775.8	15,918.3	3,046.75	98	23.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : R5 MR

Number of peaks found: 1 Corr. Area 1: 80.7
 Noise: 0.1

Peak table for sample 6 : R5 MR

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	174	413.69	3,593.1		58.12
3	10,380	75.00	10.9	Upper Marker	113.00

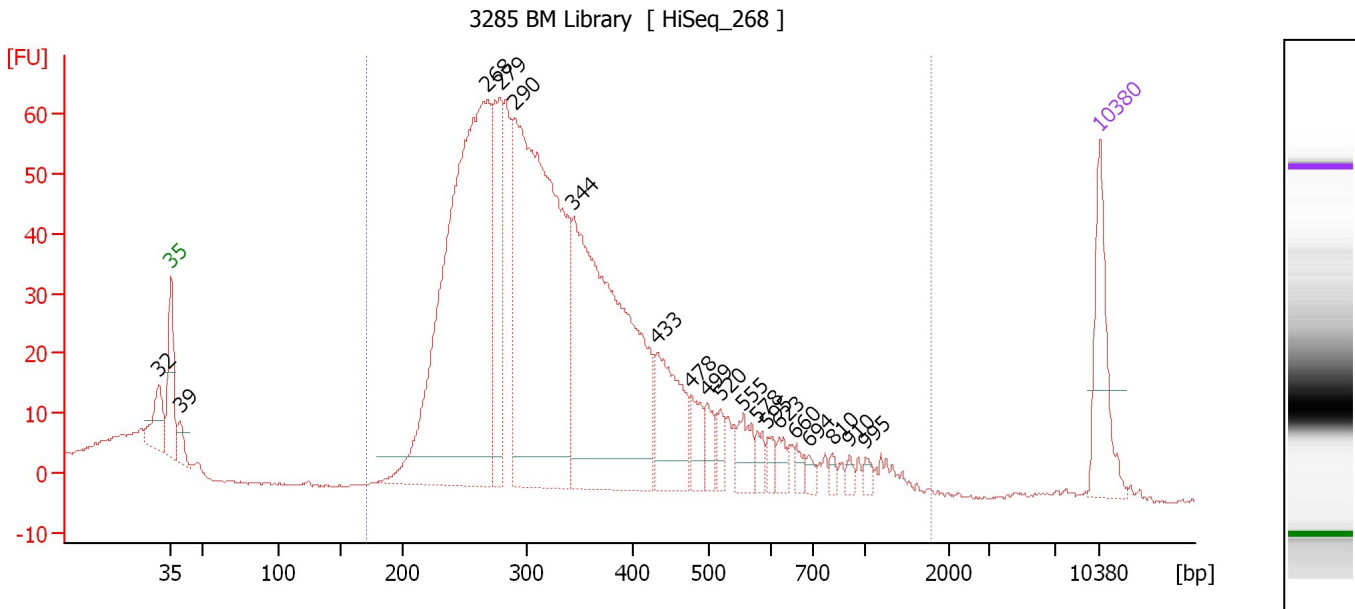
Region table for sample 6 : R5 MR

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
154	227	176	80.7	3,410.0	395.08	67	3.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 3285 BM Library

Number of peaks found: 19 Corr. Area 1: 1,300.0
 Noise: 0.2

Peak table for sample 7 : 3285 BM Library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.11
2	35	125.00	5,411.3	Lower Marker	43.00
3	39	24.69	952.8		43.69
4	268	858.36	4,845.6		66.84
5	279	177.03	963.0		67.78
6	290	754.67	3,939.3		68.87
7	344	578.73	2,547.7		73.31
8	433	120.70	422.0		79.68
9	478	36.01	114.2		82.20
10	499	24.76	75.3		83.38
11	520	20.08	58.5		84.42
12	555	34.91	95.3		86.05
13	578	15.27	40.0		87.13
14	595	12.45	31.7		87.92
15	623	15.75	38.3		88.86
16	660	11.62	26.7		90.05
17	694	8.93	19.5		91.13
18	810	7.53	14.1		92.81
19	910	6.56	10.9		94.14
20	995	7.78	11.8		95.28
21	10,380	75.00	10.9	Upper Marker	113.00

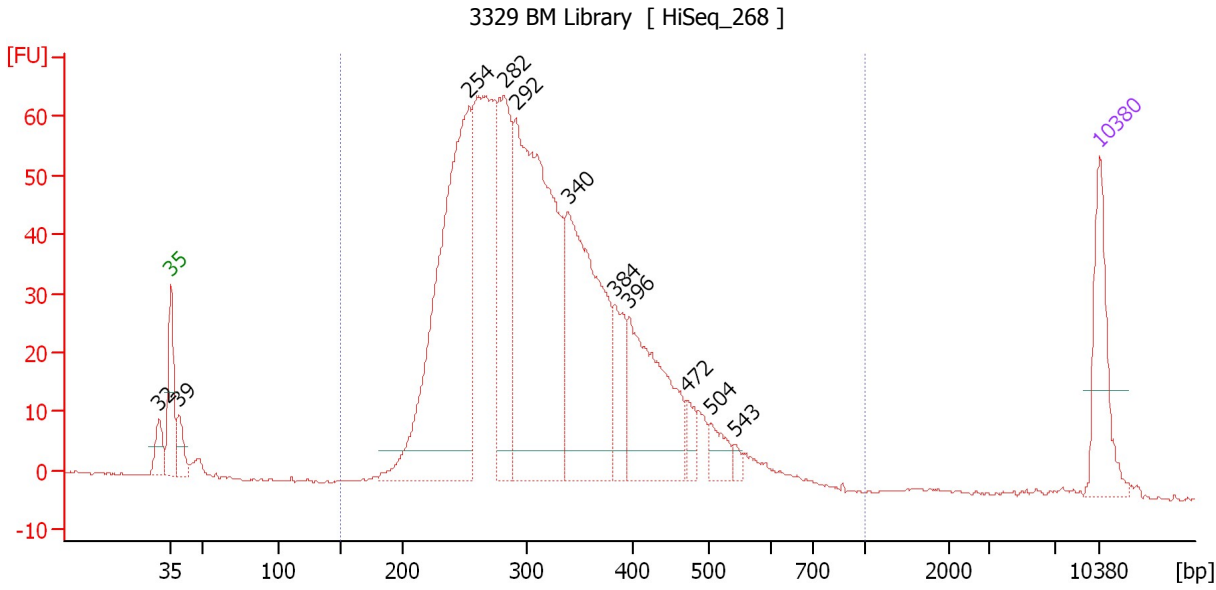
Region table for sample 7 : 3285 BM Library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
171	1,786	359	1,300.0	13,582.3	2,800.44	89	43.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : 3329 BM Library

Number of peaks found: 11 Corr. Area 1: 1,258.3
 Noise: 0.2

Peak table for sample 8 : 3329 BM Library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.11
2	35	125.00	5,411.3	Lower Marker	43.00
3	39	37.90	1,473.9		43.64
4	254	595.08	3,554.8		65.48
5	282	236.41	1,270.6		68.10
6	292	605.44	3,146.7		68.98
7	340	354.87	1,583.7		72.94
8	384	66.81	263.7		76.49
9	396	202.40	774.0		77.48
10	472	21.76	69.8		81.88
11	504	28.55	85.8		83.66
12	543	6.93	19.3		85.48
13	10,380	75.00	10.9	Upper Marker	113.00

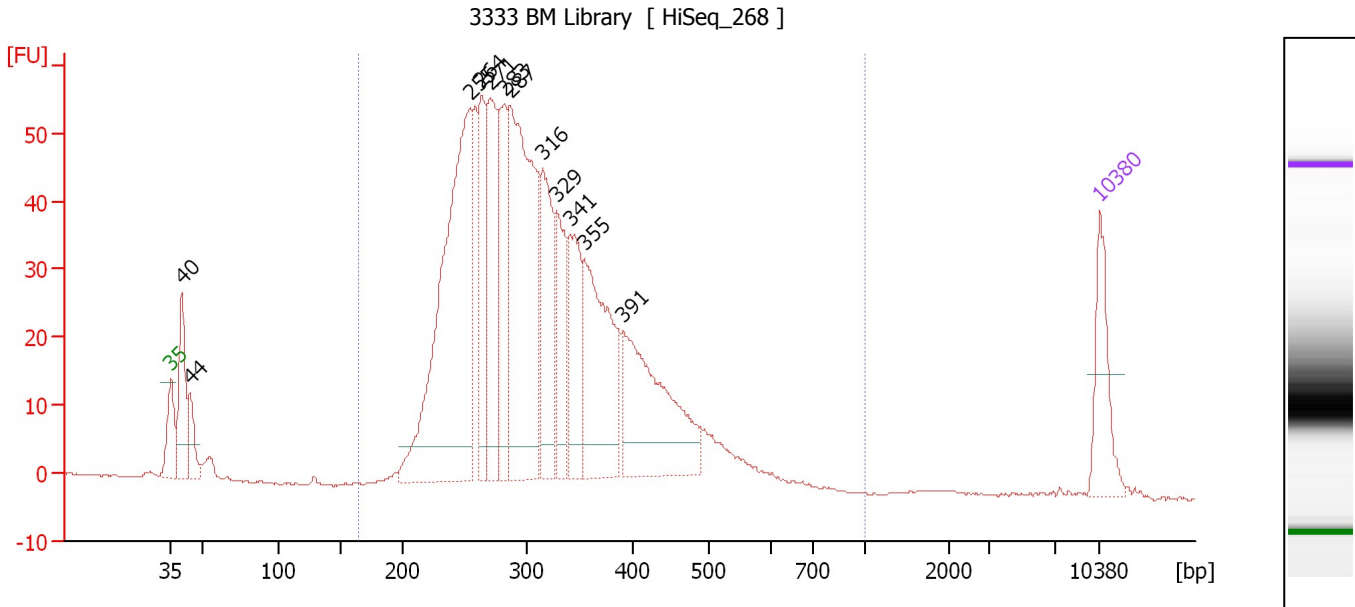
Region table for sample 8 : 3329 BM Library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
150	1,000	323	1,258.3	12,868.1	2,547.25	97	25.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 3333 BM Library

Number of peaks found: 12 Corr. Area 1: 1,046.5
 Noise: 0.2

Peak table for sample 9 : 3333 BM Library

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	40	134.66	5,087.7		43.83
3	44	56.08	1,944.3		44.41
4	255	664.72	3,952.3		65.59
5	264	162.99	936.3		66.41
6	271	208.05	1,164.9		67.05
7	283	188.18	1,008.6		68.17
8	287	493.65	2,607.0		68.56
9	316	195.07	935.8		71.04
10	329	128.44	592.3		72.06
11	341	147.84	656.2		73.08
12	355	266.91	1,138.2		74.20
13	391	278.76	1,081.5		77.03
14	10,380	75.00	10.9	Upper Marker	113.00

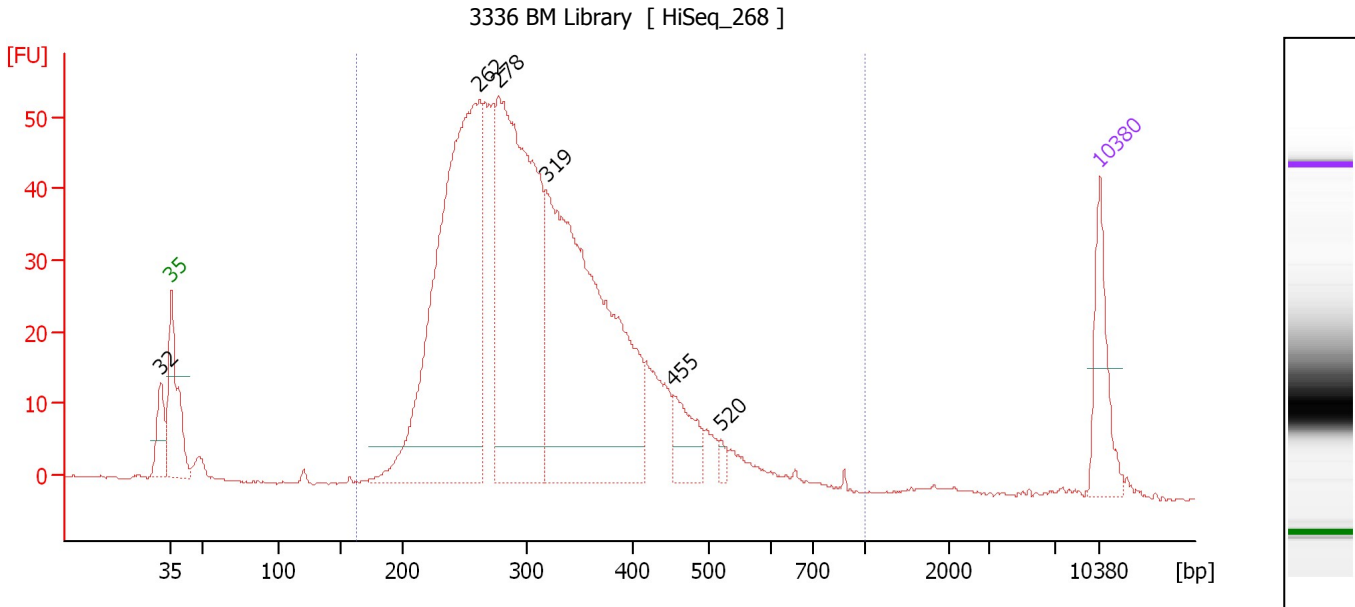
Region table for sample 9 : 3333 BM Library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
164	1,000	321	1,046.5	15,425.2	3,054.19	95	24.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 3336 BM Library

Number of peaks found: 6 Corr. Area 1: 1,027.9
 Noise: 0.1

Peak table for sample 10 : 3336 BM Library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.22
2	35	125.00	5,411.3	Lower Marker	43.00
3	262	907.22	5,249.9		66.24
4	278	750.24	4,093.1		67.71
5	319	807.87	3,838.3		71.28
6	455	67.82	226.0		80.89
7	520	10.10	29.4		84.42
8	10,380	75.00	10.9	Upper Marker	113.00

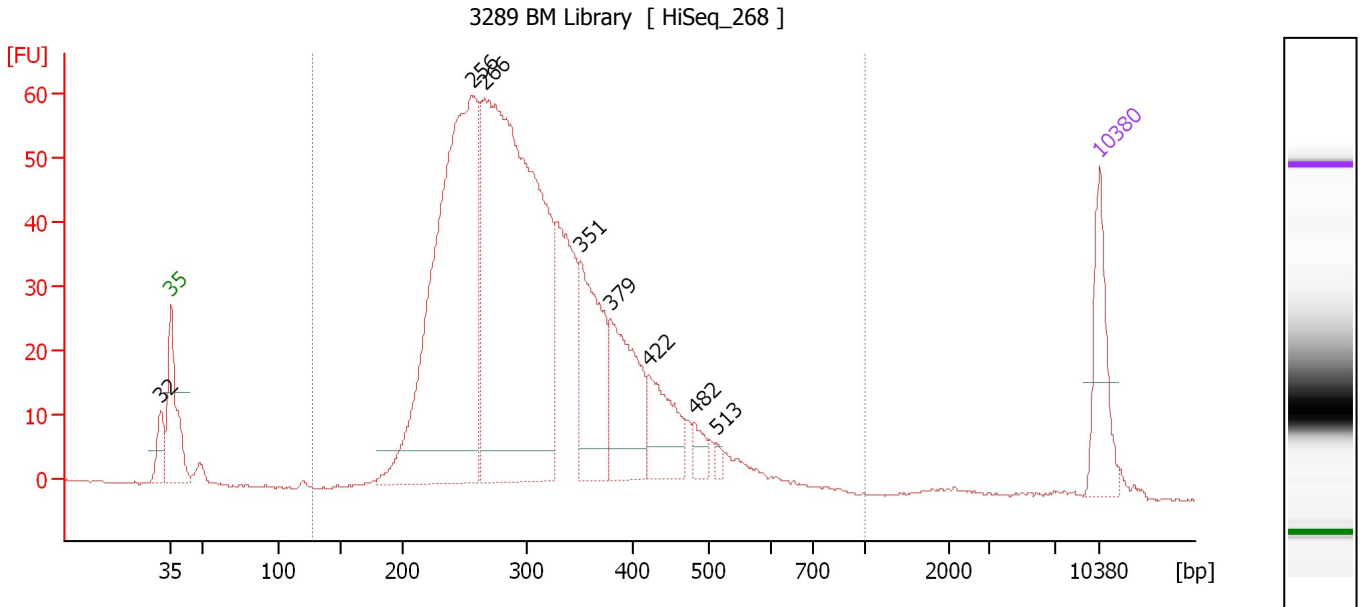
Region table for sample 10 : 3336 BM Library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
162	1,000	319	1,027.9	14,870.2	2,906.98	97	26.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 3289 BM Library

Number of peaks found: 8 Corr. Area 1: 1,135.0
 Noise: 0.2

Peak table for sample 11 : 3289 BM Library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.22
2	35	125.00	5,411.3	Lower Marker	43.00
3	256	879.75	5,213.8		65.66
4	266	1,065.18	6,062.0		66.64
5	351	195.59	843.4		73.89
6	379	169.44	676.5		76.14
7	422	98.14	352.5		79.03
8	482	22.30	70.1		82.45
9	513	7.73	22.8		84.07
10	10,380	75.00	10.9	Upper Marker	113.00

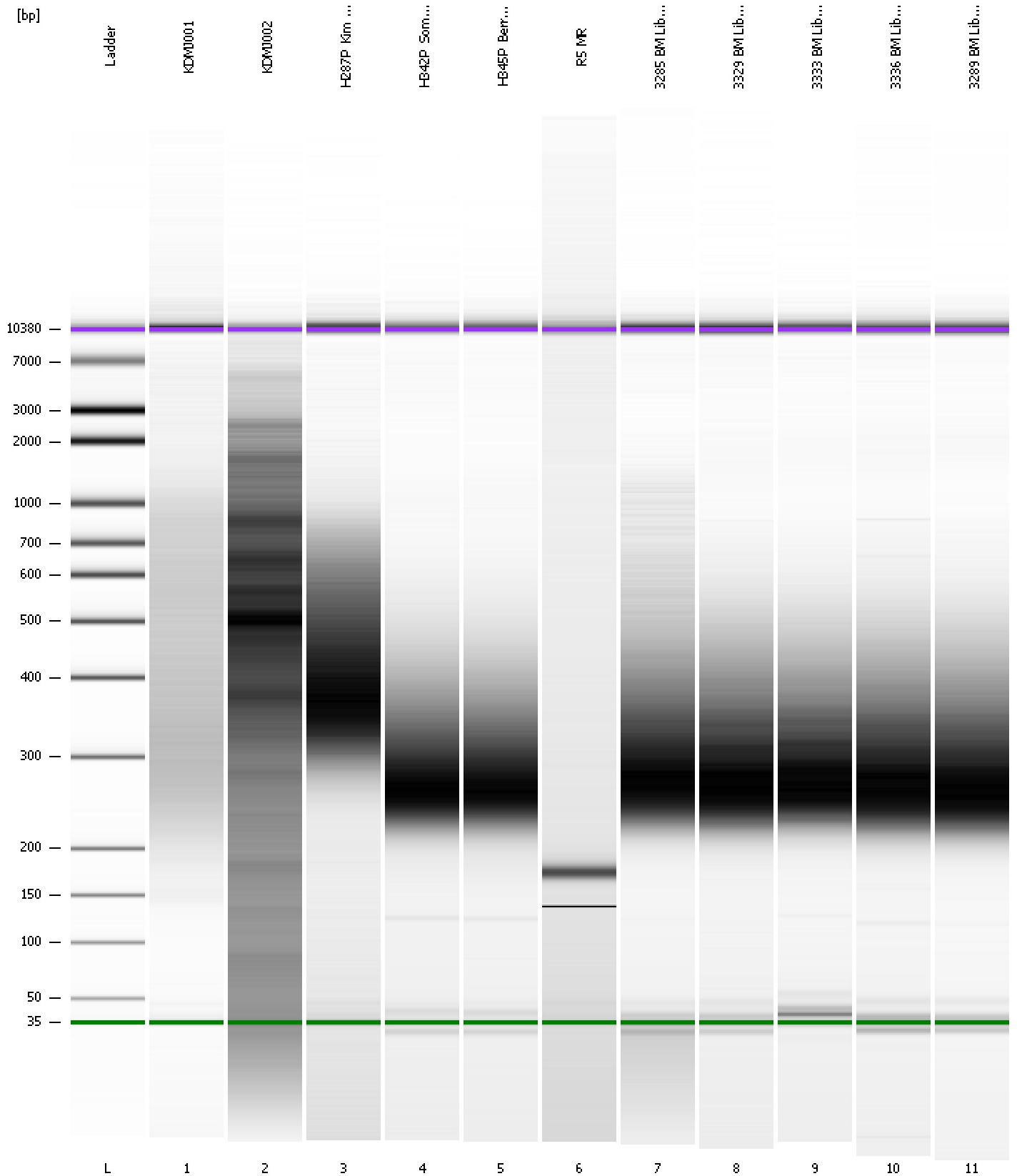
Region table for sample 11 : 3289 BM Library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
127	1,000	315	1,135.0	14,438.6	2,788.20	98	25.6

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
Modified: 1/14/2016 3:51:41 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad

Created: 1/14/2016 3:08:47 PM
 Modified: 1/14/2016 3:51:41 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		1/14/2016 3:50:04 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2016-01-14\2016-01-14_003.xad)		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/14/2016 3:08:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1