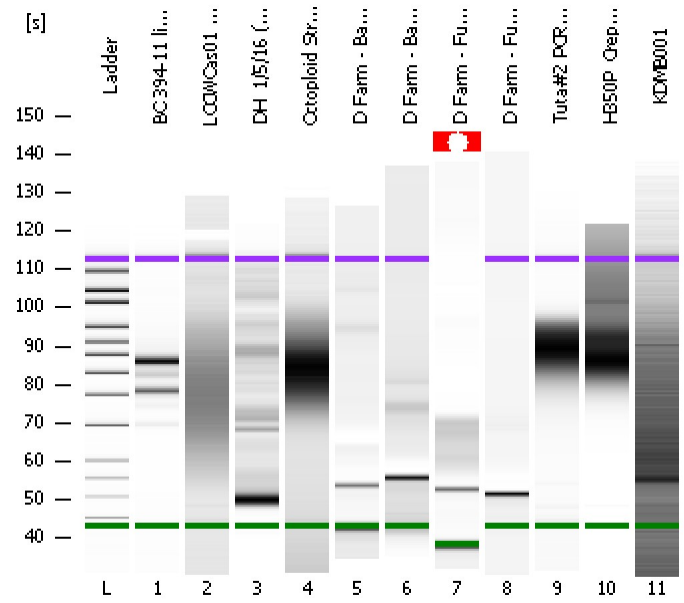
Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electrophoresis File Run Summary



Instrument Information:

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

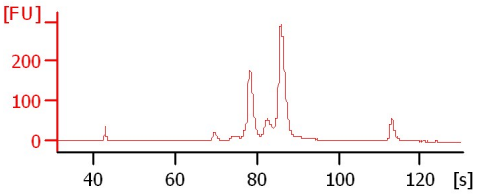
Assay Information:

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

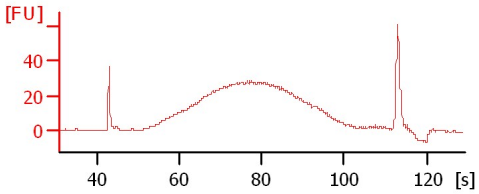
Chip Information:

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

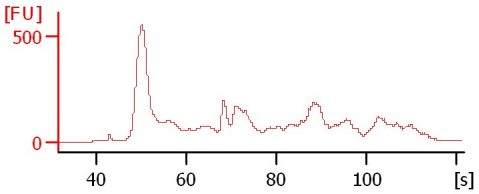
BC 394-11 lig. (1:5)



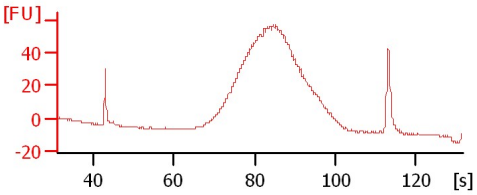
LCCWCas01 (1:7)



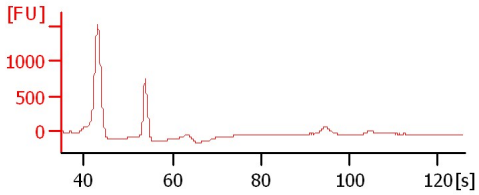
DH_1/5/16 (1:50)



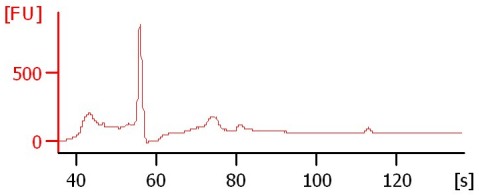
Octoploid Strawberry (1:3)



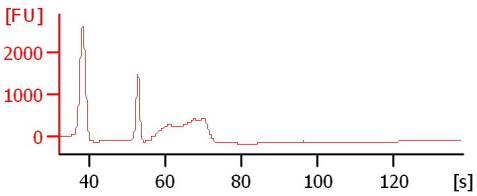
D Farm - Bact 1 (1:80)



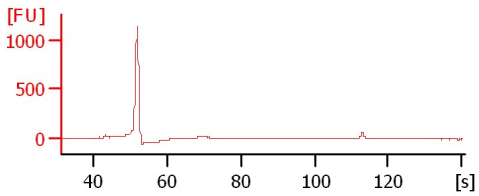
D Farm - Bact 2 (1:80)



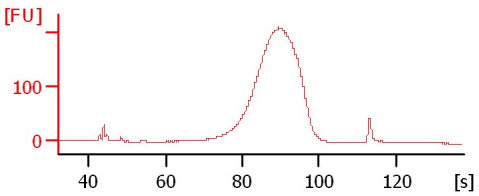
D Farm - Fungi 1 (1:80)



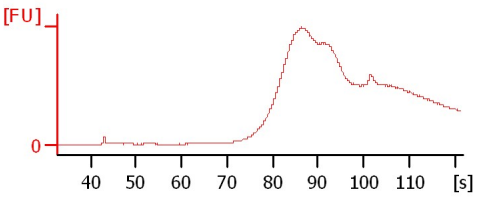
D Farm - Fungi 2 (1:80)



Tuta#2 PCR QC (1:2)

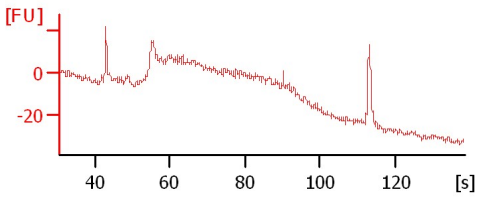


H350P_Crepeau 1:3



KDMB001

HiSeq_367



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
BC 394-11 lig. (1:5)		☐	✔			
LCCWCas01 (1:7)		☐	✔			
DH_1/5/16 (1:50)		☐	✔			
Octoploid Strawberry (1:3)		☐	✔			
D Farm - Bact 1 (1:80)		☐	✔			
D Farm - Bact 2 (1:80)		☐	✔			
D Farm - Fungi 1 (1:80)		☐	✔			
D Farm - Fungi 2 (1:80)		☐	✔			
Tuta#2 PCR QC (1:2)		☐	✔			
H350P_Crepeau 1:3		☐	✔			
KDMB001	HiSeq_367	☐	✔			
Ladder		☐	✔			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 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

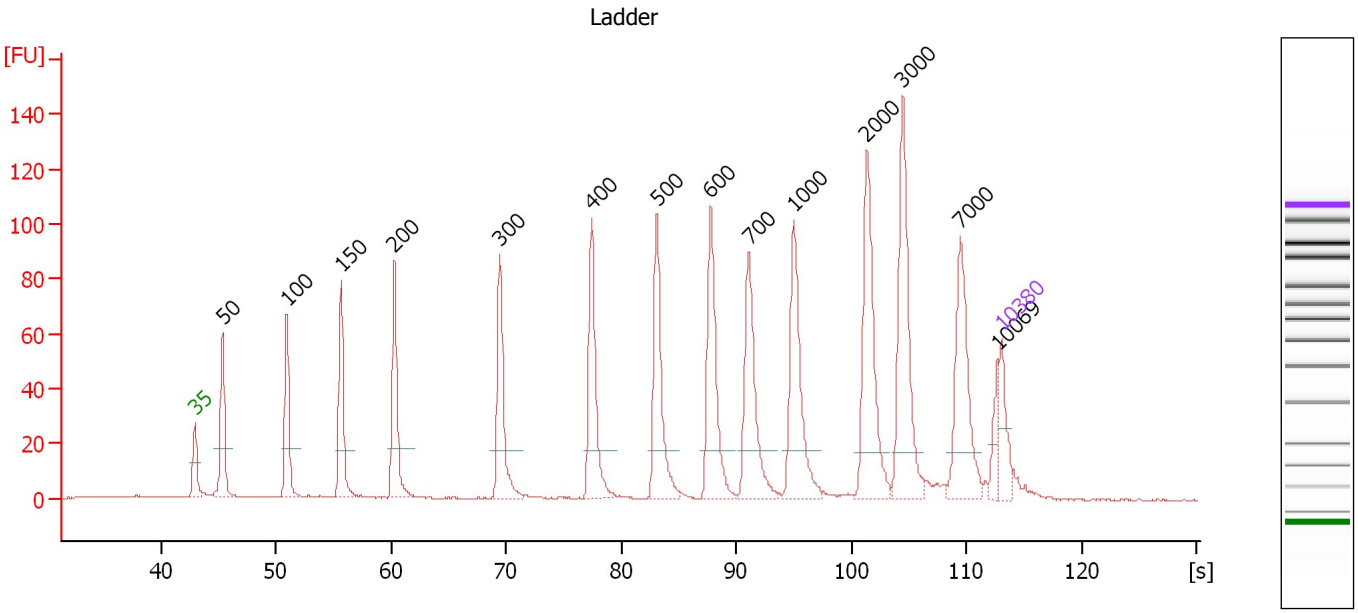
Ladder

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\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

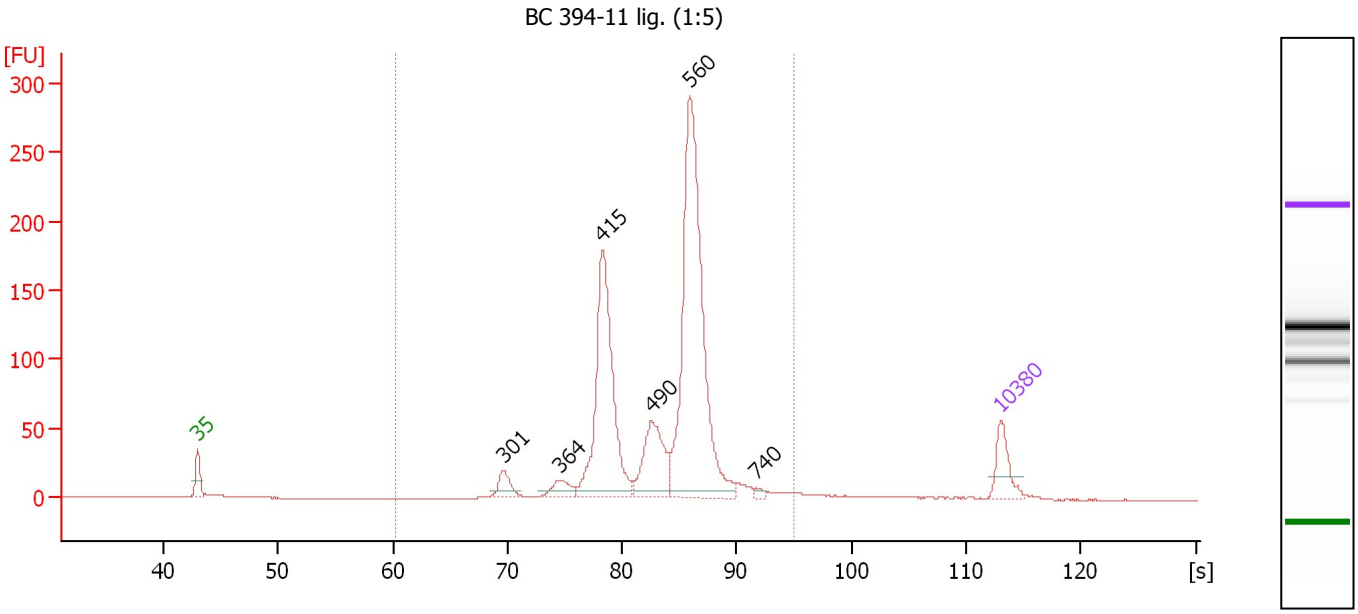
Peak table for Ladder

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	50.97
4		150	150.00	1,515.2	Ladder Peak	55.68
5		200	150.00	1,136.4	Ladder Peak	60.30
6		300	150.00	757.6	Ladder Peak	69.49
7		400	150.00	568.2	Ladder Peak	77.46
8		500	150.00	454.5	Ladder Peak	83.11
9		600	150.00	378.8	Ladder Peak	87.77
10		700	150.00	324.7	Ladder Peak	91.13
11		1,000	150.00	227.3	Ladder Peak	95.00
12		2,000	150.00	113.6	Ladder Peak	101.34
13		3,000	150.00	75.8	Ladder Peak	104.47
14		7,000	150.00	32.5	Ladder Peak	109.46
15		10,069	0.00	0.0		112.67
16		10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : BC 394-11 lig. (1:5)

Number of peaks found:	6	Corr. Area 1:	1,356.4
Noise:	0.2		

Peak table for sample 1 : BC 394-11 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	301	59.73	300.4		69.60
3	364	54.19	225.5		74.61
4	415	641.52	2,342.8		78.30
5	490	232.32	717.8		82.57
6	560	1,039.51	2,814.1		85.89
7	740	11.96	24.5		91.65
8	10,380	75.00	10.9	Upper Marker	113.00

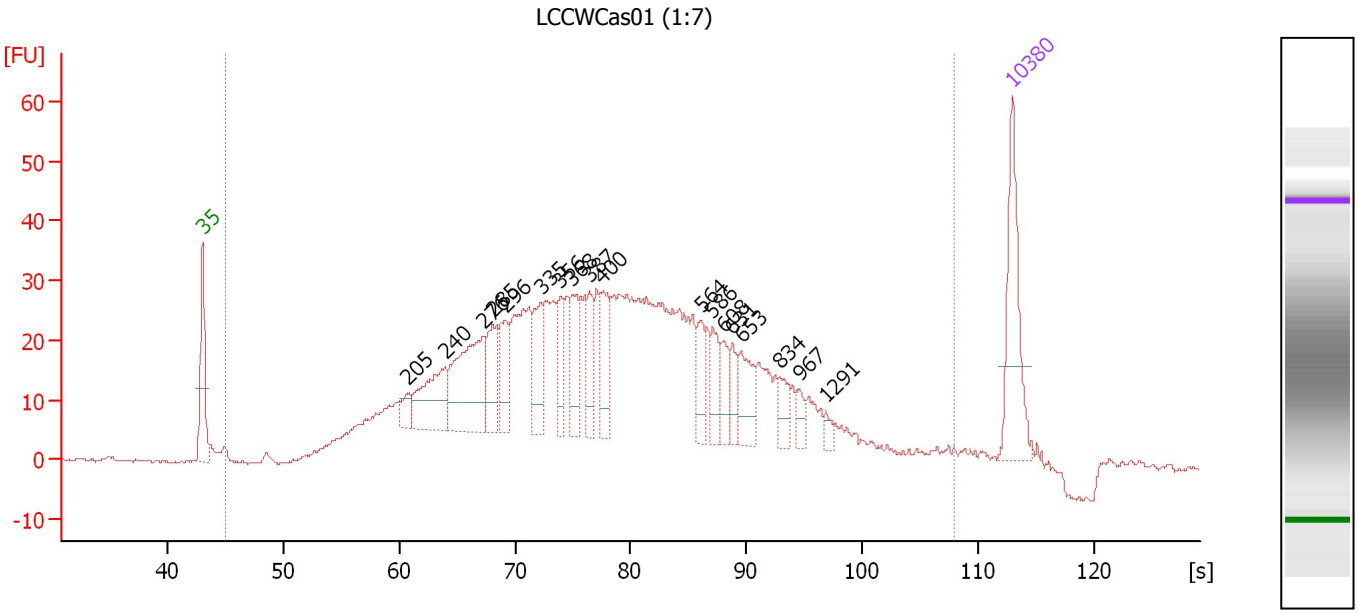
Region table for sample 1 : BC 394-11 lig. (1:5)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
200	1,000	513	1,356.4	6,643.9	2,142.67	95	18.4

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : LCCWCas01 (1:7)

Number of peaks found:	18	Corr. Area 1:	1,151.0
Noise:	0.3		

Peak table for sample 2 : LCCWCas01 (1:7)

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	205	20.11	148.5		60.78
3	240	83.22	525.3		63.98
4	276	132.18	725.8		67.28
5	285	53.74	285.7		68.11
6	296	48.22	246.7		69.13
7	335	53.85	243.9		72.24
8	356	38.61	164.6		73.92
9	368	51.93	213.6		74.94
10	387	34.48	135.0		76.42
11	400	49.74	188.5		77.44
12	564	29.13	78.3		86.08
13	586	30.72	79.5		87.10
14	608	24.91	62.1		88.03
15	631	22.29	53.5		88.82
16	653	40.19	93.2		89.56
17	834	19.90	36.2		92.85
18	967	11.03	17.3		94.57
19	1,291	7.02	8.2		96.85
20	10,380	75.00	10.9	Upper Marker	113.00

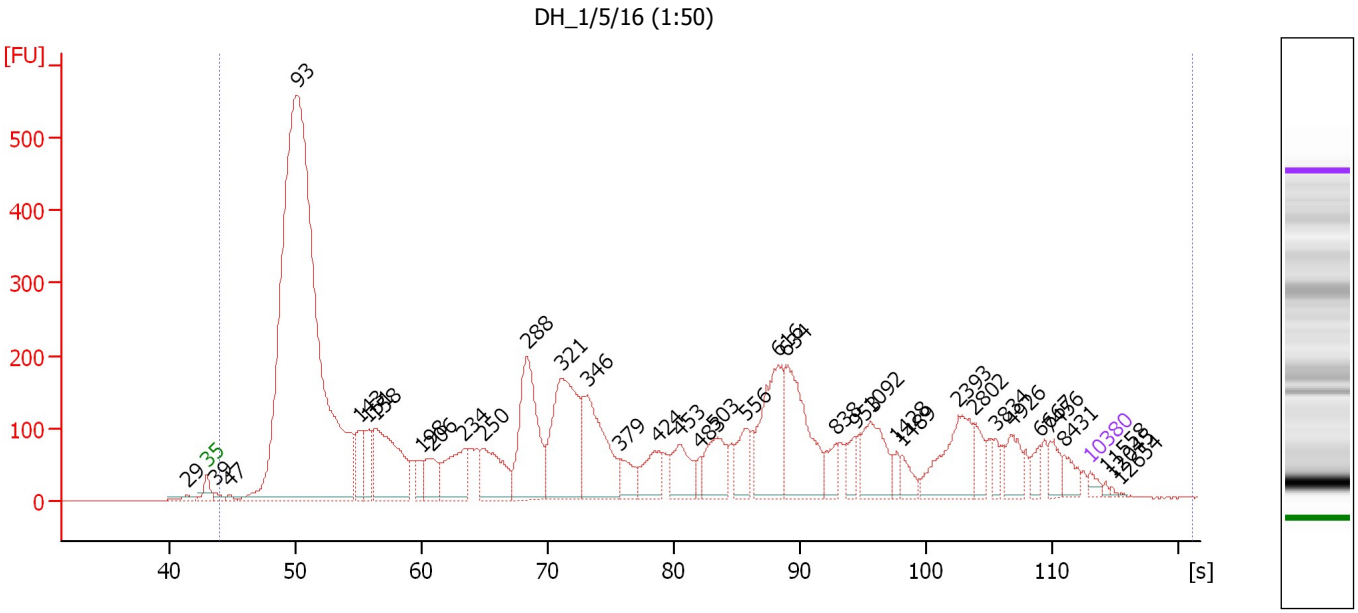
Region table for sample 2 : LCCWCas01 (1:7)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color Conc. [pg/µl]	% of Total	Size distribution in CV [%]
47	5,740	528	1,151.0	9,986.2	2,165.94	98	97.9

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : DH_1/5/16 (1:50)

Number of peaks found:	37	Corr. Area 1:	10,359.3
Noise:	0.3		

Peak table for sample 3 : DH_1/5/16 (1:50)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	29	0.00	0.0		41.38
2	35	125.00	5,411.3	Lower Marker	43.00
3	39	117.10	4,546.0		43.64
4	47	71.13	2,315.2		44.83
5	93	21,090.00	344,853.4		50.15
6	143	630.12	6,664.3		55.05
7	151	549.38	5,497.1		55.82
8	158	2,139.54	20,532.9		56.41
9	198	301.04	2,309.0		60.07
10	206	540.10	3,975.1		60.84
11	234	979.89	6,353.7		63.40
12	250	1,032.63	6,261.0		64.89
13	288	2,071.18	10,882.7		68.42
14	321	2,341.20	11,058.8		71.14
15	346	1,697.24	7,435.4		73.15
16	379	380.09	1,519.7		75.79
17	424	520.14	1,859.4		78.81
18	453	599.19	2,002.9		80.47
19	483	140.88	442.2		82.13
20	503	730.65	2,201.8		83.24
21	556	470.35	1,282.3		85.71
22	616	1,358.29	3,341.4		88.30
23	634	1,467.49	3,509.0		88.90
24	838	285.18	515.9		92.90
25	953	219.26	348.6		94.39

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : DH_1/5/16 (1:50)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,092	715.72	992.6		95.59
27	1,428	109.04	115.7		97.71
28	1,489	187.14	190.5		98.10
29	2,393	836.94	530.0		102.57
30	2,802	250.00	135.2		103.85
31	3,834	113.81	45.0		105.51
32	4,926	296.46	91.2		106.87
33	6,667	148.87	33.8		109.04
34	7,456	200.17	40.7		109.93
35	8,431	184.11	33.1		110.96
36	10,380	75.00	10.9	Upper Marker	113.00
37	11,558	0.00	0.0		114.23
38	12,045	0.00	0.0		114.75
39	12,654	0.00	0.0		115.38

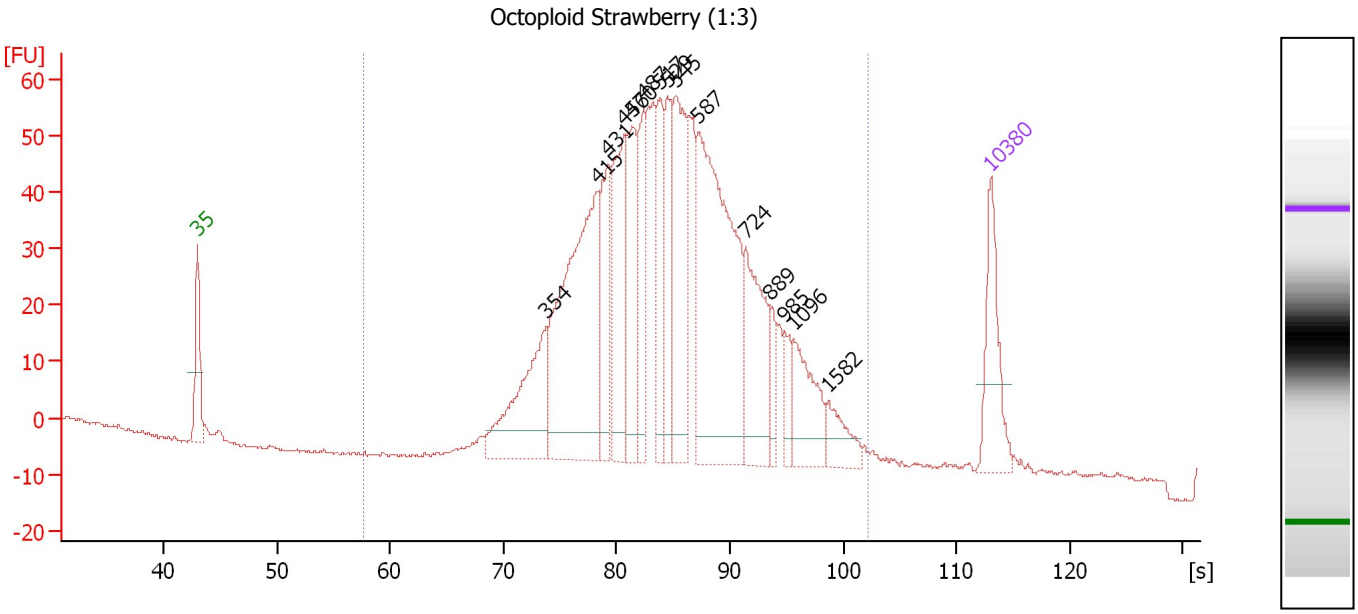
Region table for sample 3 : DH_1/5/16 (1:50)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
41	18,136	1,038	10,359.3	436,842.2	44,275.00	100	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Octoploid Strawberry (1:3)

Number of peaks found:	15	Corr. Area 1:	1,365.1
Noise:	0.3		

Peak table for sample 4 : Octoploid Strawberry (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	354	171.54	734.0		73.81
3	415	388.55	1,418.7		78.31
4	431	104.29	366.7		79.21
5	456	158.00	524.8		80.63
6	470	136.10	439.2		81.39
7	487	101.24	314.8		82.38
8	517	102.54	300.5		83.90
9	529	94.83	271.5		84.47
10	545	164.70	457.5		85.23
11	587	382.40	986.8		87.17
12	724	142.17	297.6		91.44
13	889	28.28	48.2		93.57
14	985	29.90	46.0		94.80
15	1,096	76.86	106.3		95.61
16	1,582	35.80	34.3		98.69
17	10,380	75.00	10.9	Upper Marker	113.00

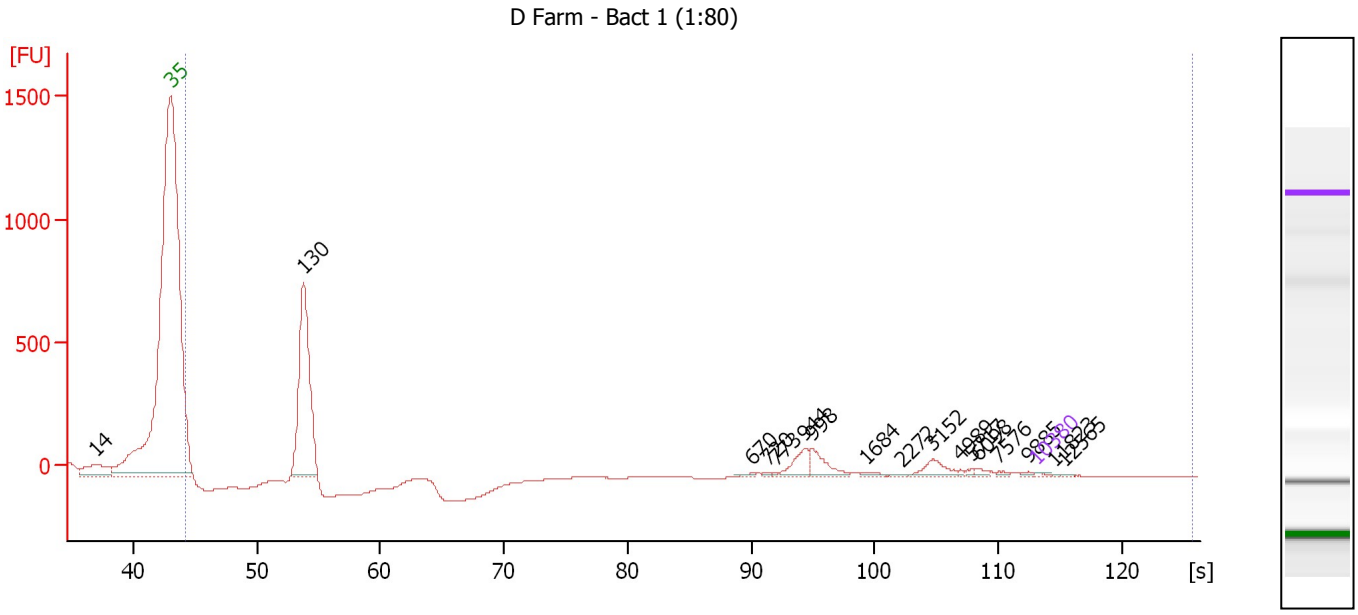
Region table for sample 4 : Octoploid Strawberry (1:3)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
172	2,247	611	1,365.1	7,029.2	2,370.48	95	48.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : D Farm - Bact 1 (1:80)

Number of peaks found:	17	Corr. Area 1:	2,128.5
Noise:	0.7		

Peak table for sample 5 : D Farm - Bact 1 (1:80)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	14	0.00	0.0		36.90
2	35	125.00	5,411.3	Lower Marker	43.00
3	130	13,855.06	161,942.3		53.77
4	670	89.56	202.5		90.13
5	720	78.46	165.2		91.38
6	773	65.55	128.4		92.07
7	944	947.91	1,521.1		94.28
8	998	960.18	1,458.0		94.97
9	1,684	133.73	120.3		99.34
10	2,272	54.35	36.2		102.19
11	3,152	659.09	316.8		104.66
12	4,989	71.13	21.6		106.95
13	5,717	93.41	24.8		107.85
14	6,098	156.91	39.0		108.33
15	7,576	95.43	19.1		110.06
16	9,885	73.70	11.3		112.48
17	10,380	75.00	10.9	Upper Marker	113.00
18	11,823	0.00	0.0		114.51
19	12,565	0.00	0.0		115.29

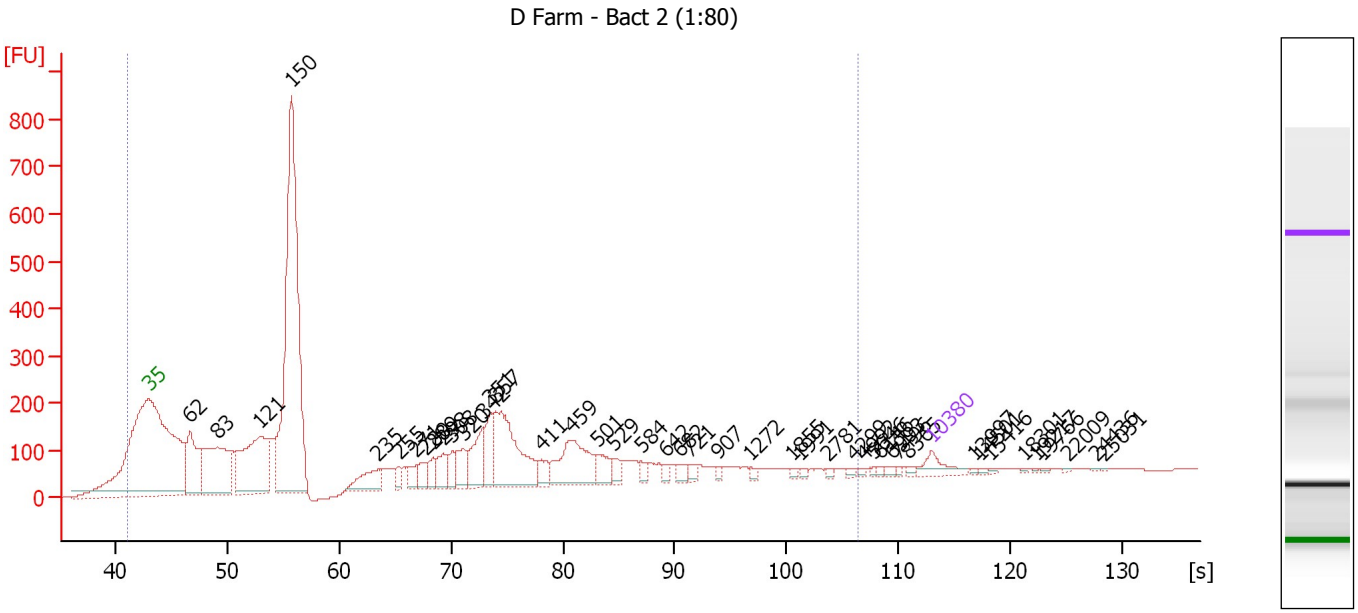
Region table for sample 5 : D Farm - Bact 1 (1:80)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
43	22,502	1,324	2,128.5	151,441.8	15,438.03	97	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : D Farm - Bact 2 (1:80)

Number of peaks found:	44	Corr. Area 1:	6,874.9
Noise:	0.8		

Peak table for sample 6 : D Farm - Bact 2 (1:80)

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	62	563.68	13,824.3		46.70
3	83	865.90	15,763.7		49.10
4	121	994.66	12,471.1		52.94
5	150	2,892.71	29,139.2		55.72
6	235	198.84	1,283.0		63.50
7	255	58.16	346.0		65.33
8	271	80.06	447.0		66.86
9	280	87.97	475.5		67.68
10	289	92.66	486.4		68.45
11	298	138.81	705.6		69.31
12	308	82.52	406.0		70.13
13	320	143.19	677.9		71.09
14	342	246.32	1,090.3		72.86
15	351	187.72	811.0		73.53
16	357	612.43	2,601.0		74.02
17	411	70.12	258.4		78.10
18	459	391.02	1,291.2		80.78
19	501	110.19	333.5		83.14
20	529	52.63	150.6		84.48
21	584	33.92	88.0		87.03
22	642	27.41	64.7		89.19
23	682	40.05	89.0		90.53
24	721	36.16	76.0		91.40
25	907	18.84	31.5		93.80

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : D Farm - Bact 2 (1:80)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,272	16.71	19.9		96.72
27	1,855	11.38	9.3		100.42
28	1,991	13.66	10.4		101.29
29	2,781	10.20	5.6		103.78
30	4,299	11.43	4.0		106.09
31	4,992	10.52	3.2		106.95
32	5,646	9.49	2.5		107.77
33	6,146	11.07	2.7		108.39
34	6,993	14.66	3.2		109.45
35	7,496	9.41	1.9		109.98
36	8,365	11.13	2.0		110.89
37	10,380	75.00	10.9	Upper Marker	113.00
38	13,997	0.00	0.0		116.79
39	14,501	0.00	0.0		117.32
40	15,416	0.00	0.0		118.28
41	18,301	0.00	0.0		121.31
42	19,217	0.00	0.0		122.27
43	19,766	0.00	0.0		122.84
44	22,009	0.00	0.0		125.19
45	24,436	0.00	0.0		127.74
46	25,031	0.00	0.0		128.36

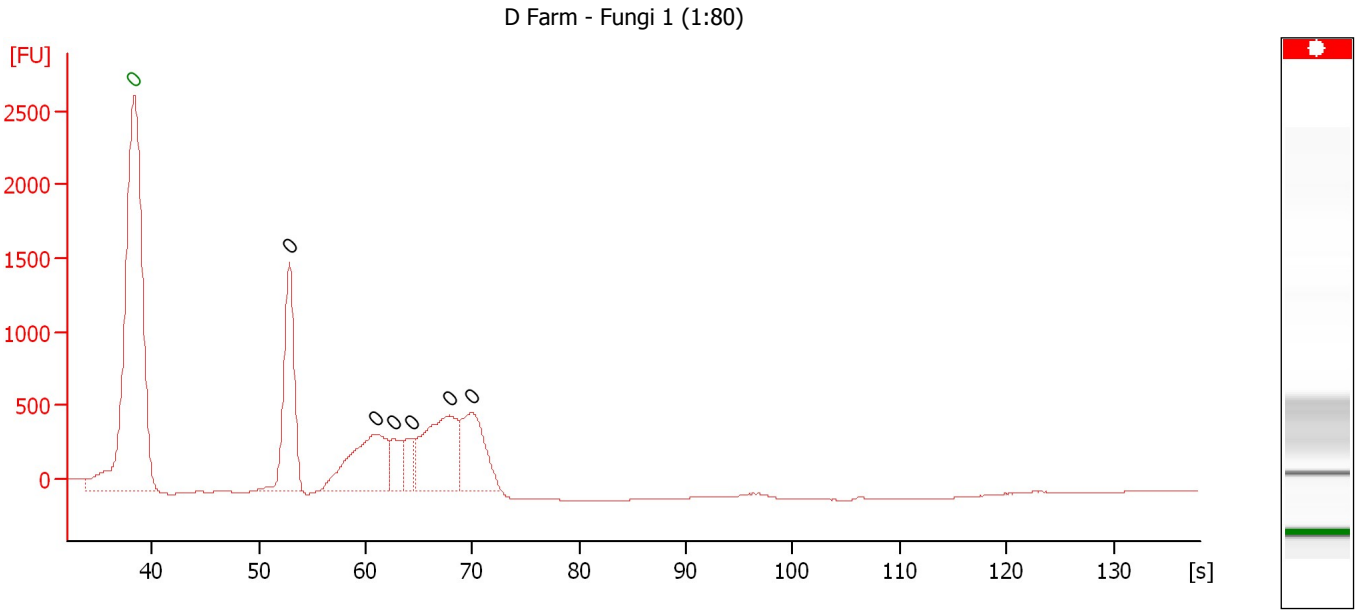
Region table for sample 6 : D Farm - Bact 2 (1:80)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color	Conc. [pg/µl]	% of Total	Size distribution in CV [%]
23	4,492	327	6,874.9	86,721.3		8,682.35	97	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : D Farm - Fungi 1 (1:80)

Number of peaks found: 6 Noise: 0.5

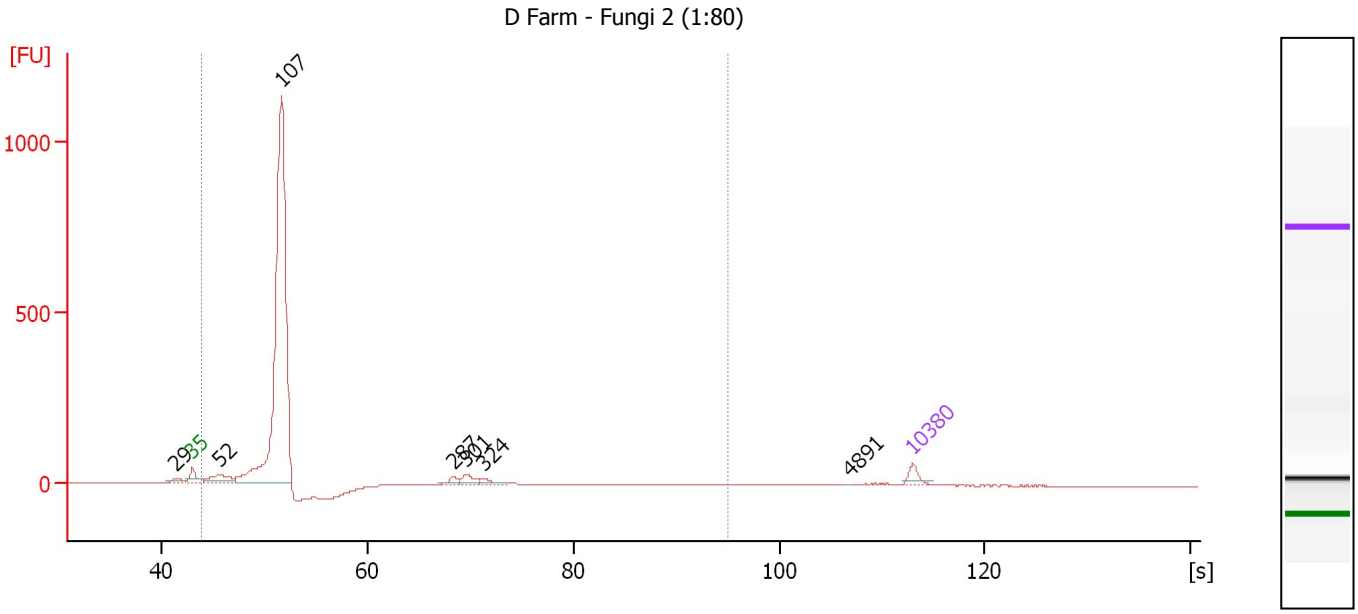
Peak table for sample 7 : D Farm - Fungi 1 (1:80)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	38.35
2	0	0.00	0.0		52.90
3	0	0.00	0.0		61.00
4	0	0.00	0.0		62.70
5	0	0.00	0.0		64.30
6	0	0.00	0.0		67.85
7	0	0.00	0.0		69.90

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : D Farm - Fungi 2 (1:80)

Number of peaks found:	7	Corr. Area 1:	2,714.3
Noise:	0.3		

Peak table for sample 8 : D Farm - Fungi 2 (1:80)

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	29	0.00	0.0		41.34
2	35	125.00	5,411.3	Lower Marker	43.00
3	52	281.07	8,128.0		45.65
4	107	5,945.21	83,923.1		51.67
5	287	61.07	322.1		68.32
6	301	103.90	523.0		69.57
7	324	55.16	258.1		71.38
8	4,891	3.45	1.1		106.83
9	10,380	75.00	10.9	Upper Marker	113.00

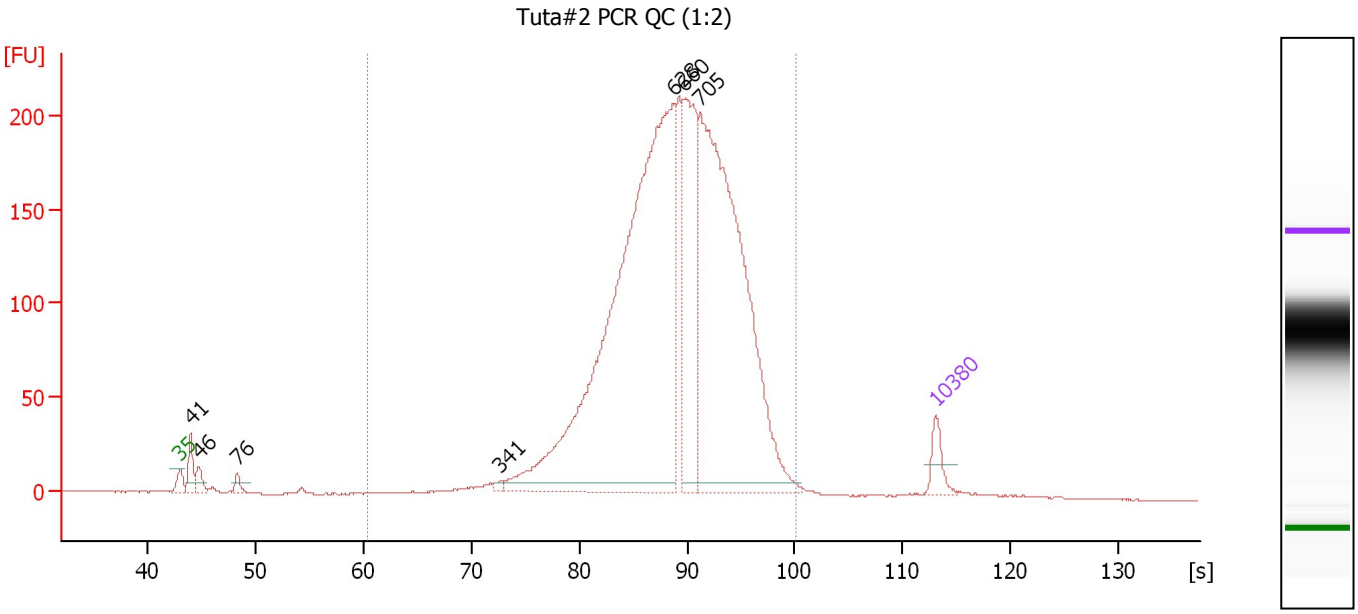
Region table for sample 8 : D Farm - Fungi 2 (1:80)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
41	1,000	113	2,714.3	95,553.2	6,443.80	98	42.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Tuta#2 PCR QC (1:2)

Number of peaks found:	7	Corr. Area 1:	3,159.9
Noise:	0.2		

Peak table for sample 9 : Tuta#2 PCR QC (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	41	136.92	5,025.7		44.00
3	46	75.90	2,500.6		44.74
4	76	43.53	868.9		48.28
5	341	17.92	79.7		72.72
6	628	3,538.83	8,540.5		88.70
7	660	833.28	1,911.7		89.80
8	705	2,587.67	5,560.7		91.19
9	10,380	75.00	10.9	Upper Marker	113.00

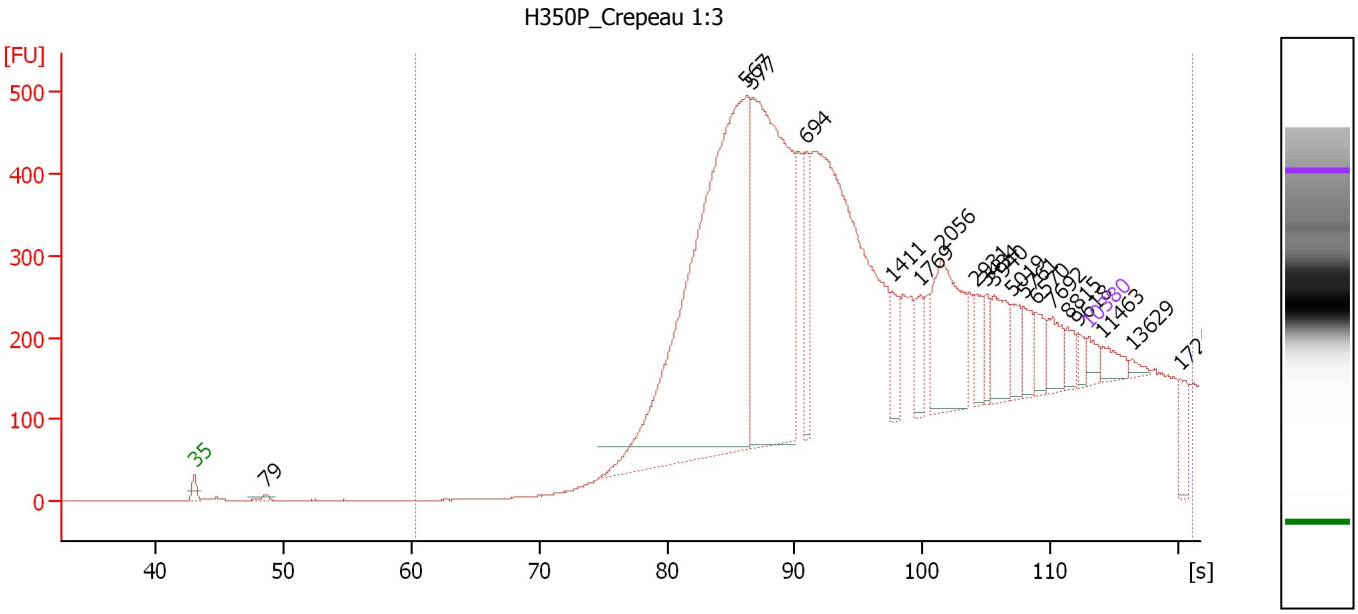
Region table for sample 9 : Tuta#2 PCR QC (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color [pg/µl]	% of Total	Size distribution in CV [%]
200	1,797	699	3,159.9	18,696.9	7,623.42	96	33.6

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : H350P_Crepeau 1:3

Number of peaks found:	19	Corr. Area 1:	8,434.9
Noise:	0.2		

Peak table for sample 10 : H350P_Crepeau 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	79	31.27	601.7		48.59
3	567	4,906.23	13,103.6		86.25
4	577	2,871.03	7,536.2		86.71
5	694	421.22	920.1		90.91
6	1,411	208.99	224.5		97.60
7	1,769	165.26	141.6		99.87
8	2,056	672.70	495.8		101.52
9	2,931	149.94	77.5		104.25
10	3,434	107.16	47.3		105.01
11	3,940	266.12	102.3		105.64
12	5,019	138.34	41.8		106.98
13	5,761	127.87	33.6		107.91
14	6,570	121.13	27.9		108.92
15	7,692	160.57	31.6		110.18
16	8,815	84.73	14.6		111.36
17	9,618	49.47	7.8		112.20
18	10,380	75.00	10.9	Upper Marker	113.00
19	11,463	0.00	0.0		114.14
20	13,629	0.00	0.0		116.41
21	17,240	0.00	0.0		120.19

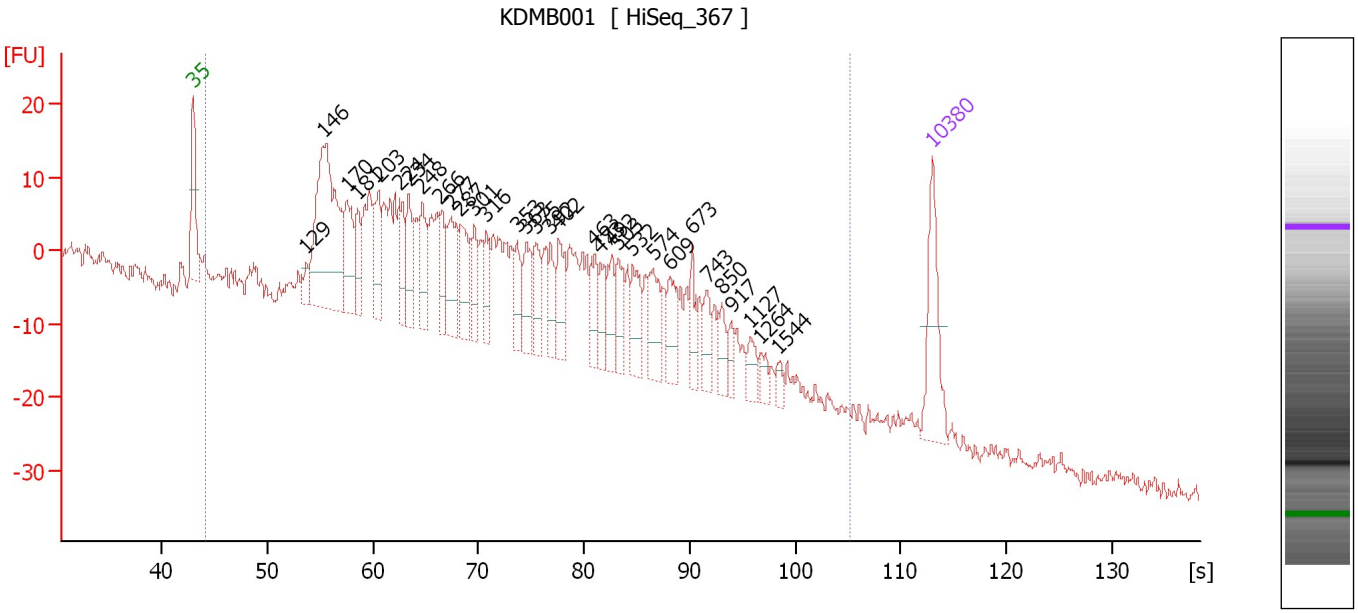
Region table for sample 10 : H350P_Crepeau 1:3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/µl]	% of Total	Size distribution in CV [%]
200	18,163	1,946	8,434.9	27,727.1	13,671.02	100	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : KDMB001

Number of peaks found:	32	Corr. Area 1:	772.1
Noise:	1.5		

Peak table for sample 11 : KDMB001

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	129	22.62	266.2		53.68
3	146	357.43	3,708.5		55.31
4	170	96.87	862.4		57.55
5	181	56.14	469.4		58.57
6	203	76.46	571.5		60.55
7	224	58.12	393.6		62.48
8	234	58.00	376.0		63.40
9	248	62.74	384.0		64.67
10	266	51.38	292.9		66.35
11	277	83.12	454.8		67.37
12	287	66.41	350.7		68.28
13	301	46.47	233.5		69.61
14	316	41.62	199.9		70.73
15	353	36.19	155.5		73.68
16	363	45.04	188.1		74.49
17	375	45.18	182.6		75.46
18	392	33.66	130.1		76.83
19	402	53.93	203.1		77.59
20	463	40.36	132.2		81.00
21	473	36.26	116.2		81.56
22	492	39.60	121.8		82.68
23	503	42.53	128.1		83.24
24	532	51.70	147.2		84.61
25	574	56.55	149.3		86.55

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Electropherogram Summary Continued ...

... Peak table for sample 11 : KDMB001

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	609	44.34	110.3		88.07
27	673	35.31	79.5		90.21
28	743	31.00	63.2		91.68
29	850	26.13	46.6		93.06
30	917	16.34	27.0		93.92
31	1,127	20.64	27.7		95.81
32	1,264	14.24	17.1		96.67
33	1,544	9.88	9.7		98.45
34	10,380	75.00	10.9	Upper Marker	113.00

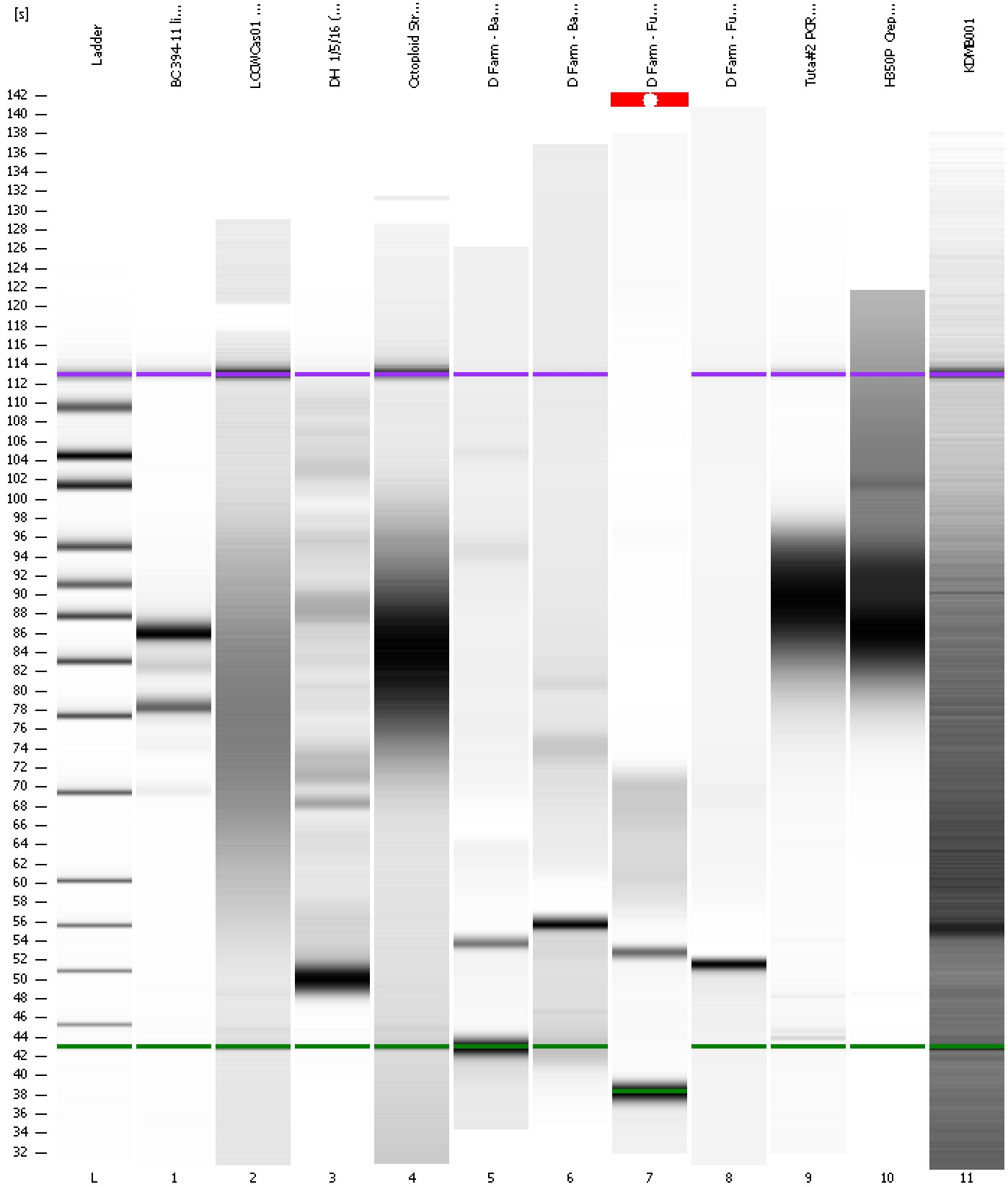
Region table for sample 11 : KDMB001

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Color	Conc. [pg/µl]	% of Total	Size distribution in CV [%]
42	3,513	451	772.1	14,313.4		2,497.63	99	78.5

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad

Created: 1/7/2016 11:26:22 AM
Modified: 1/8/2016 12:49:13 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		1/7/2016 12:07:41 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2016-01-07\2016-01-07_001.xad)		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/7/2016 11:26:27 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1