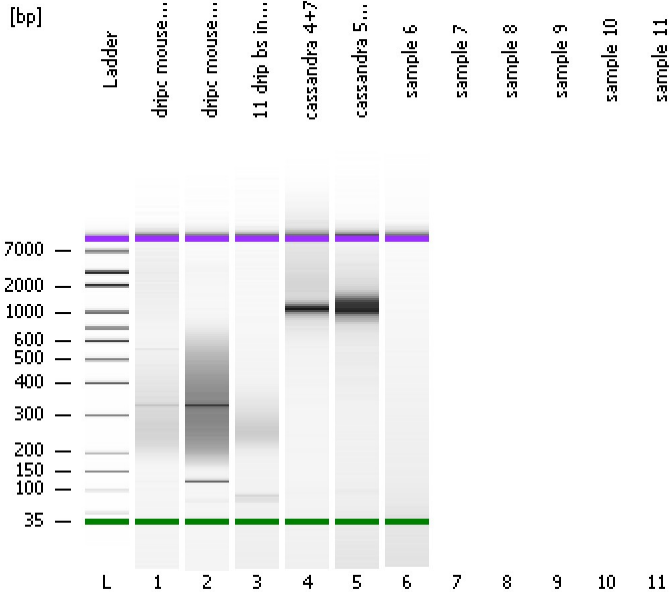


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
Modified: 5/22/2014 3:33:57 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

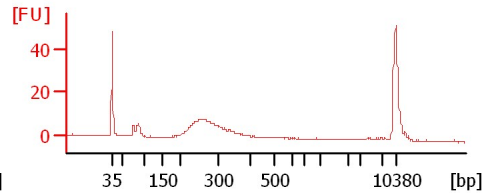
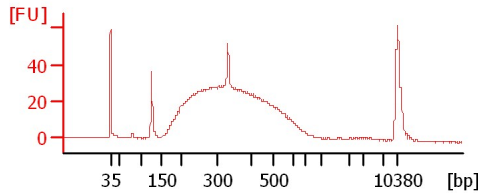
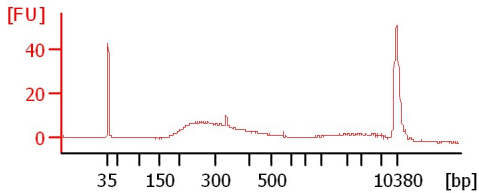
Chip Information:

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

**dripc mouse I10 washed**

**dripc mouse I10 2nd amplif**

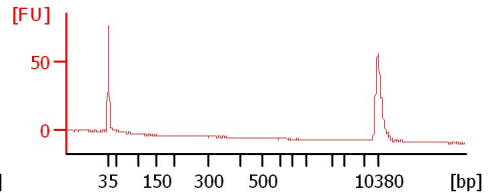
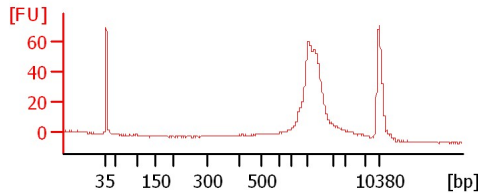
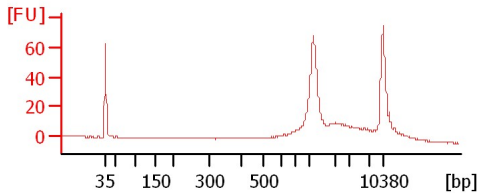
**11 drip bs index primer1**



**cassandra 4+7**

**cassandra 5+10**

**sample 6**



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
Modified: 5/22/2014 3:33:57 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
dripc mouse I10 washed		<input type="checkbox"/>	✓			
dripc mouse I10 2nd amplif		<input type="checkbox"/>	✓			
11 drip bs index primer1		<input type="checkbox"/>	✓			
cassandra 4+7		<input type="checkbox"/>	✓			
cassandra 5+10		<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\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
Modified: 5/22/2014 3:33:57 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

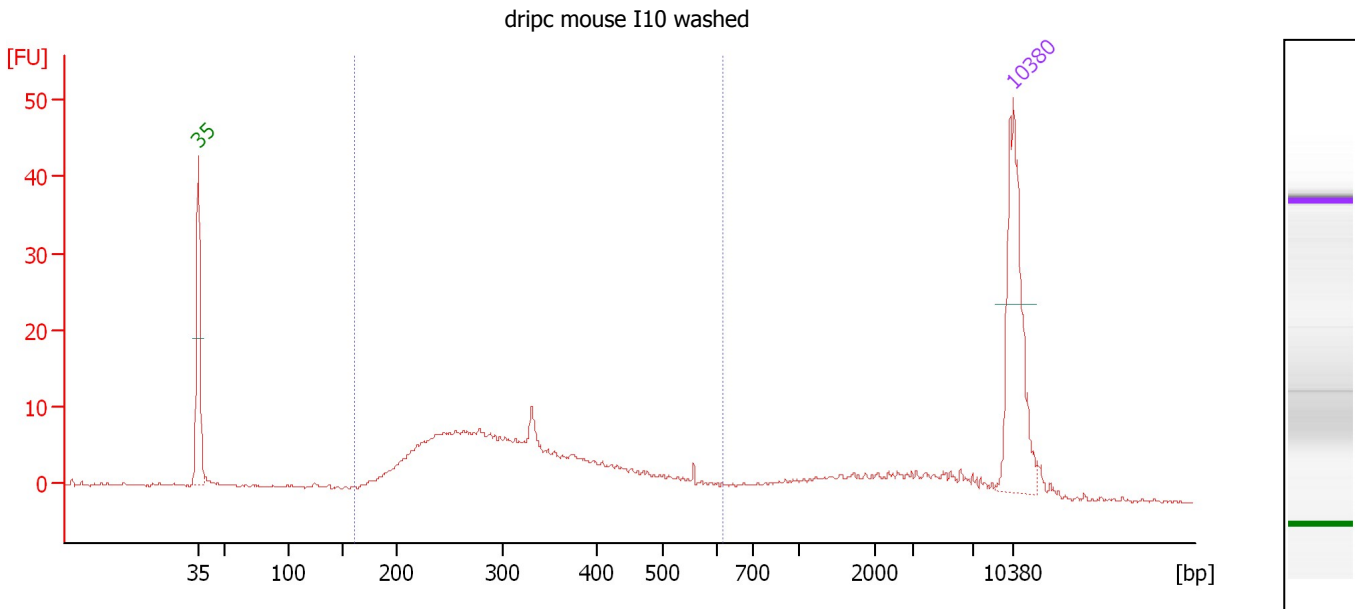
**Ladder**

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\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
 Modified: 5/22/2014 3:33:57 PM

**Electropherogram Summary**



**Overall Results for sample 1 : dripc mouse I10 washed**

Number of peaks found: 0                      Corr. Area 1: 208.9  
 Noise: 0.2

**Peak table for sample 1 : dripc mouse I10 washed**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker

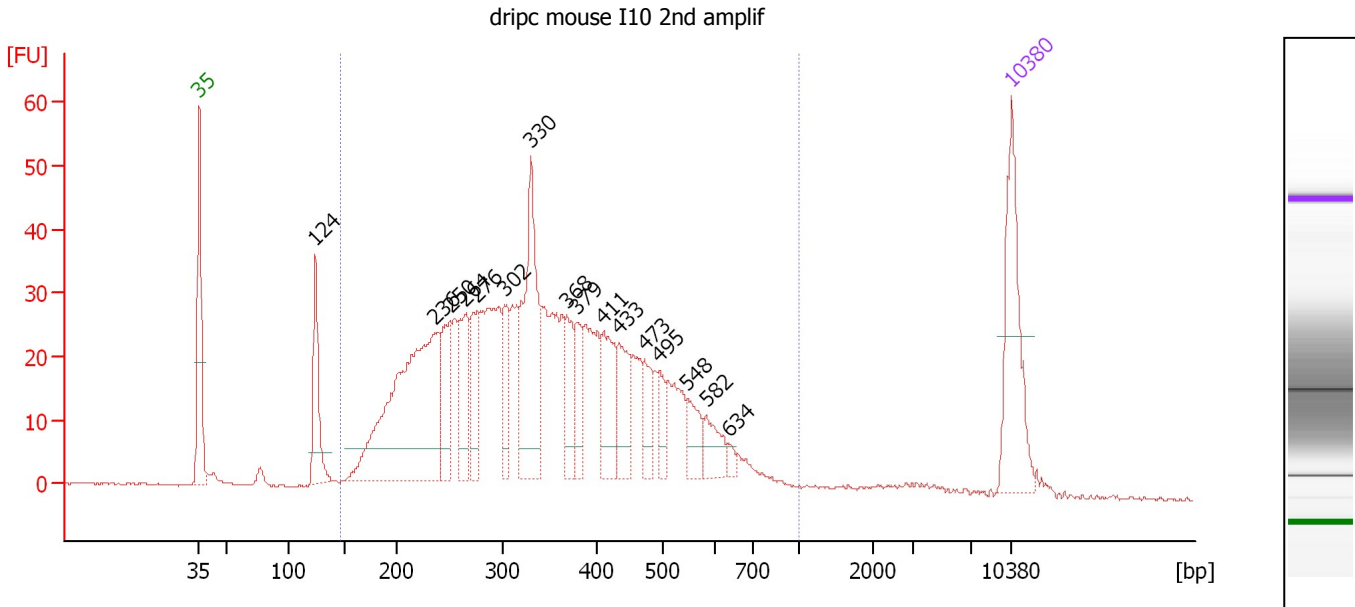
**Region table for sample 1 : dripc mouse I10 washed**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
160	616	326	1,964.3	377.82	208.9	72	29.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : dripc mouse I10 2nd amplif**

Number of peaks found: 16                      Corr. Area 1: 1,022.4  
 Noise: 0.2

**Peak table for sample 2 : dripc mouse I10 2nd amplif**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	124	75.50	921.4	
3	236	306.15	1,964.3	
4	250	64.87	392.7	
5	264	69.19	397.1	
6	276	53.17	291.8	
7	302	42.58	213.5	
8	330	152.23	698.9	
9	368	40.73	167.6	
10	379	34.11	136.4	
11	411	56.51	208.5	
12	433	46.12	161.3	
13	473	27.10	86.8	
14	495	20.09	61.5	
15	548	25.34	70.1	
16	582	24.15	62.8	
17	634	5.40	12.9	
18	10,380	75.00	10.9	Upper Marker

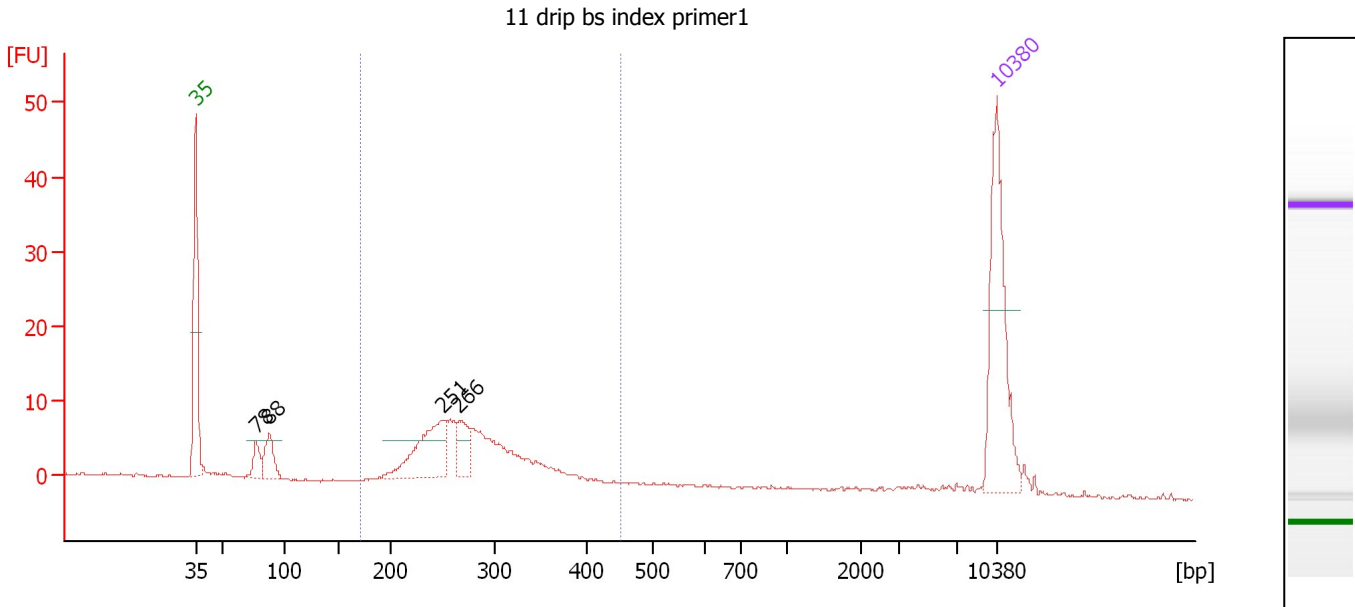
**Region table for sample 2 : dripc mouse I10 2nd amplif**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
146	1,000	359	8,147.1	1,641.07	1,022.4	94	34.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 11 drip bs index primer1**

Number of peaks found: 4                      Corr. Area 1: 125.9  
 Noise: 0.2

**Peak table for sample 3 : 11 drip bs index primer1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	78	16.66	325.3	
3	88	26.38	454.8	
4	251	65.62	396.8	
5	266	23.85	135.9	
6	10,380	75.00	10.9	Upper Marker

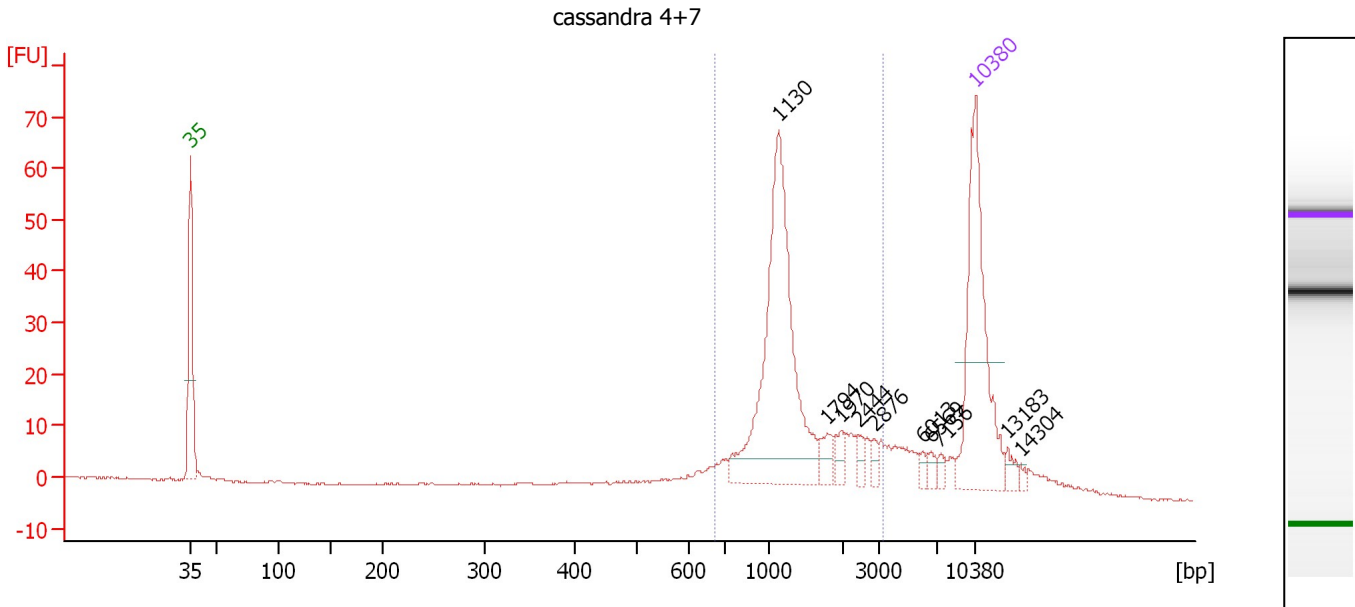
**Region table for sample 3 : 11 drip bs index primer1**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
171	453	283	1,261.9	227.26	125.9	72	17.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : cassandra 4+7**

Number of peaks found: 10                      Corr. Area 1: 280.9  
 Noise: 0.2

**Peak table for sample 4 : cassandra 4+7**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,130	144.99	194.4	
3	1,794	7.09	6.0	
4	1,970	6.02	4.6	
5	2,444	4.18	2.6	
6	2,876	3.83	2.0	
7	6,013	2.84	0.7	
8	6,569	3.32	0.8	
9	7,156	2.81	0.6	
10	10,380	75.00	10.9	Upper Marker
11	13,183	0.00	0.0	
12	14,304	0.00	0.0	

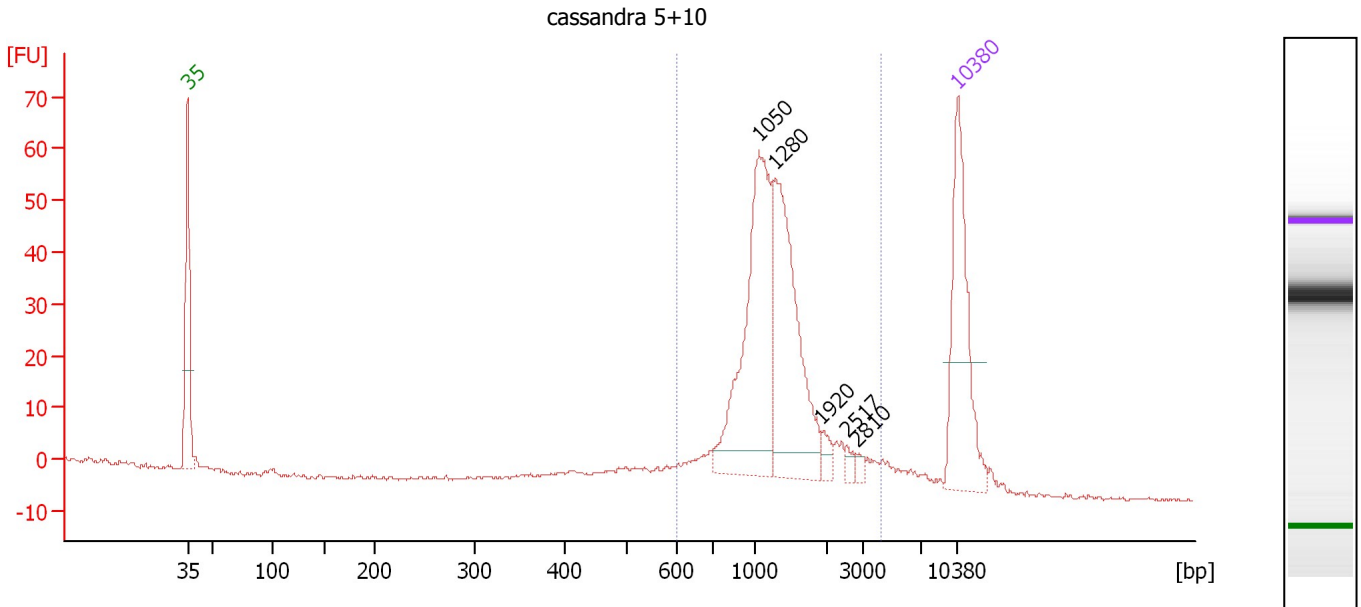
**Region table for sample 4 : cassandra 4+7**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
670	3,243	1,390	248.3	201.66	280.9	72	40.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : cassandra 5+10**

Number of peaks found: 5                      Corr. Area 1: 403.1  
 Noise: 0.3

**Peak table for sample 5 : cassandra 5+10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,050	145.63	210.2	
3	1,280	125.10	148.0	
4	1,920	6.70	5.3	
5	2,517	4.03	2.4	
6	2,810	3.29	1.8	
7	10,380	75.00	10.9	Upper Marker

**Region table for sample 5 : cassandra 5+10**

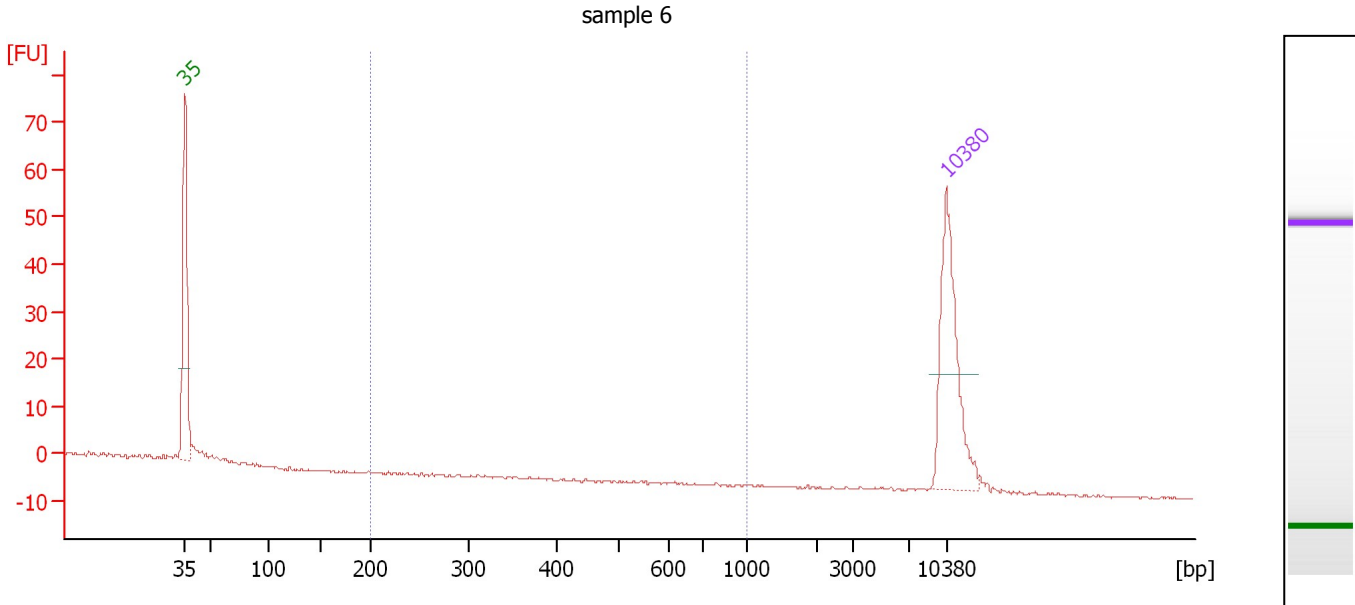
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
598	4,200	1,345	408.4	322.07	403.1	91	40.0



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : sample 6**

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

**Peak table for sample 6 : sample 6**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker

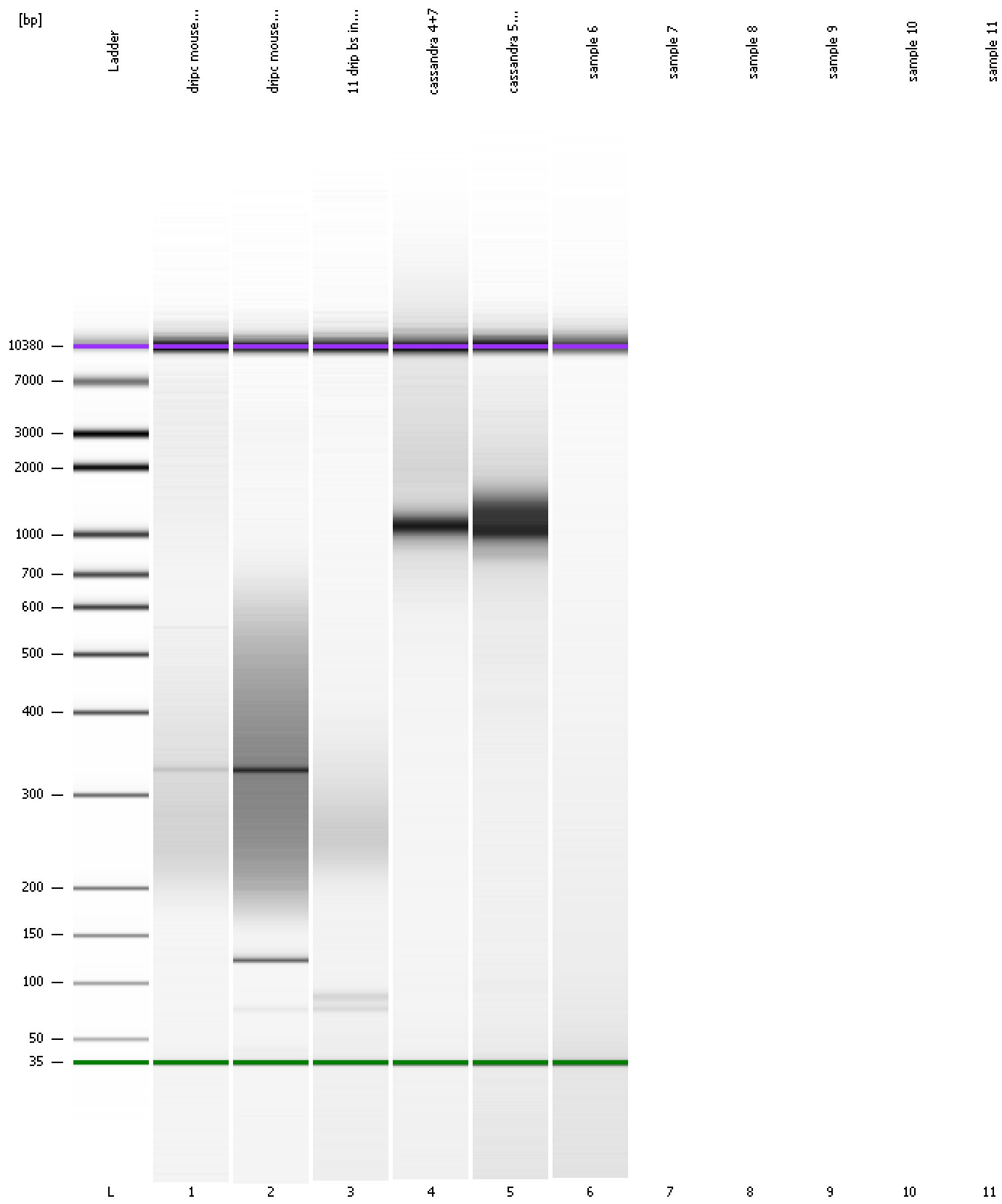
**Region table for sample 6 : sample 6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	0	0.0	0.00	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
Modified: 5/22/2014 3:33:57 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-22\2014-05-22\_003.xad

Created: 5/22/2014 3:05:55 PM  
Modified: 5/22/2014 3:33:57 PM

**Invalid Samples**

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.