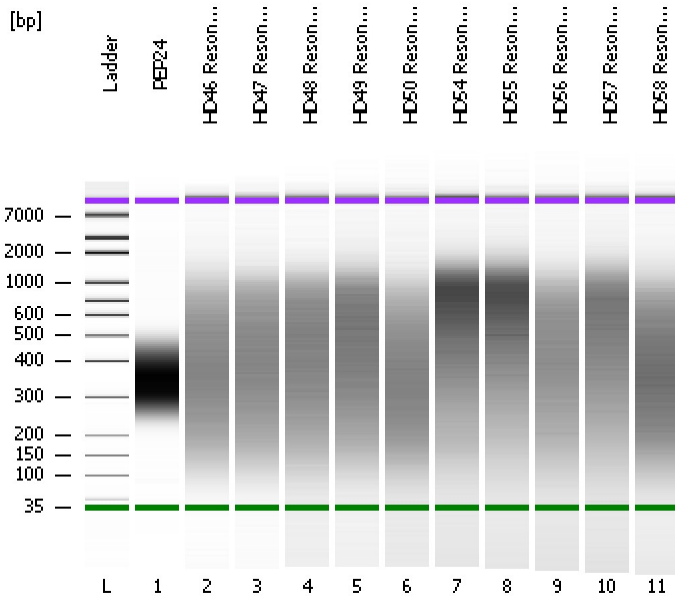


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
Modified: 1/6/2014 12:43:08 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

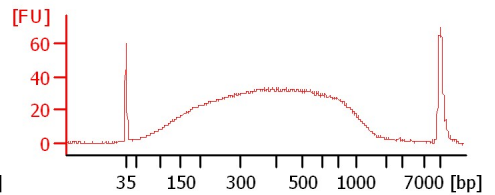
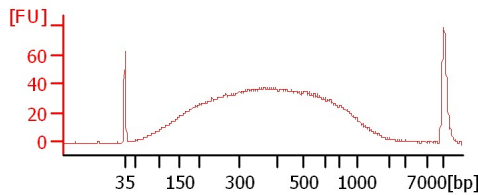
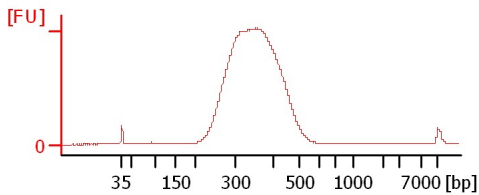
#### Chip Information:

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

PEP24

HD46 Resoni 1:6

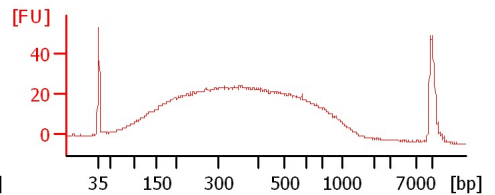
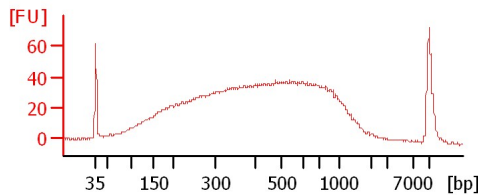
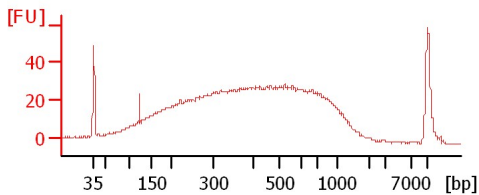
HD47 Resoni 1:6



HD48 Resoni 1:6

HD49 Resoni 1:6

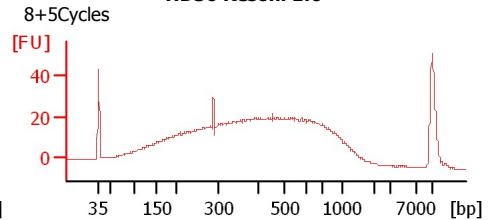
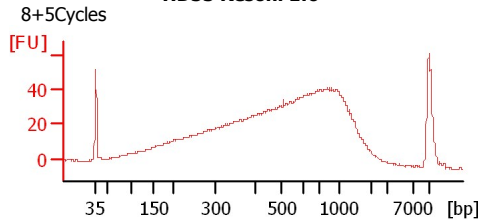
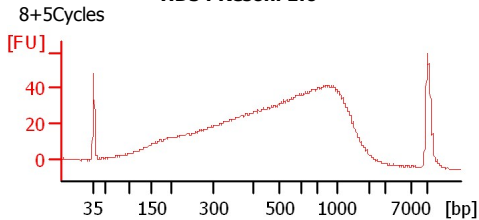
HD50 Resoni 1:6



HD54 Resoni 1:6

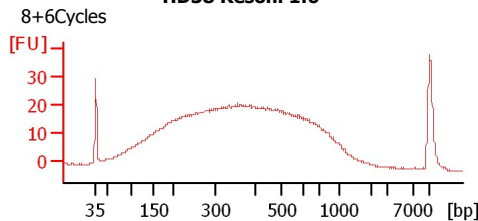
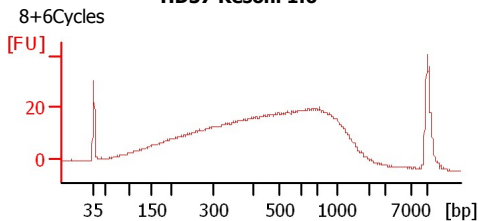
HD55 Resoni 1:6

HD56 Resoni 1:6



HD57 Resoni 1:6

HD58 Resoni 1:6



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
Modified: 1/6/2014 12:43:08 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
PEP24		<input type="checkbox"/>	✓			
HD46 Resoni 1:6		<input type="checkbox"/>	✓			
HD47 Resoni 1:6		<input type="checkbox"/>	✓			
HD48 Resoni 1:6		<input type="checkbox"/>	✓			
HD49 Resoni 1:6		<input type="checkbox"/>	✓			
HD50 Resoni 1:6		<input type="checkbox"/>	✓			
HD54 Resoni 1:6	8+5Cycles	<input type="checkbox"/>	✓			
HD55 Resoni 1:6	8+5Cycles	<input type="checkbox"/>	✓			
HD56 Resoni 1:6	8+5Cycles	<input type="checkbox"/>	✓			
HD57 Resoni 1:6	8+6Cycles	<input type="checkbox"/>	✓			
HD58 Resoni 1:6	8+6Cycles	<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\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
Modified: 1/6/2014 12:43:08 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

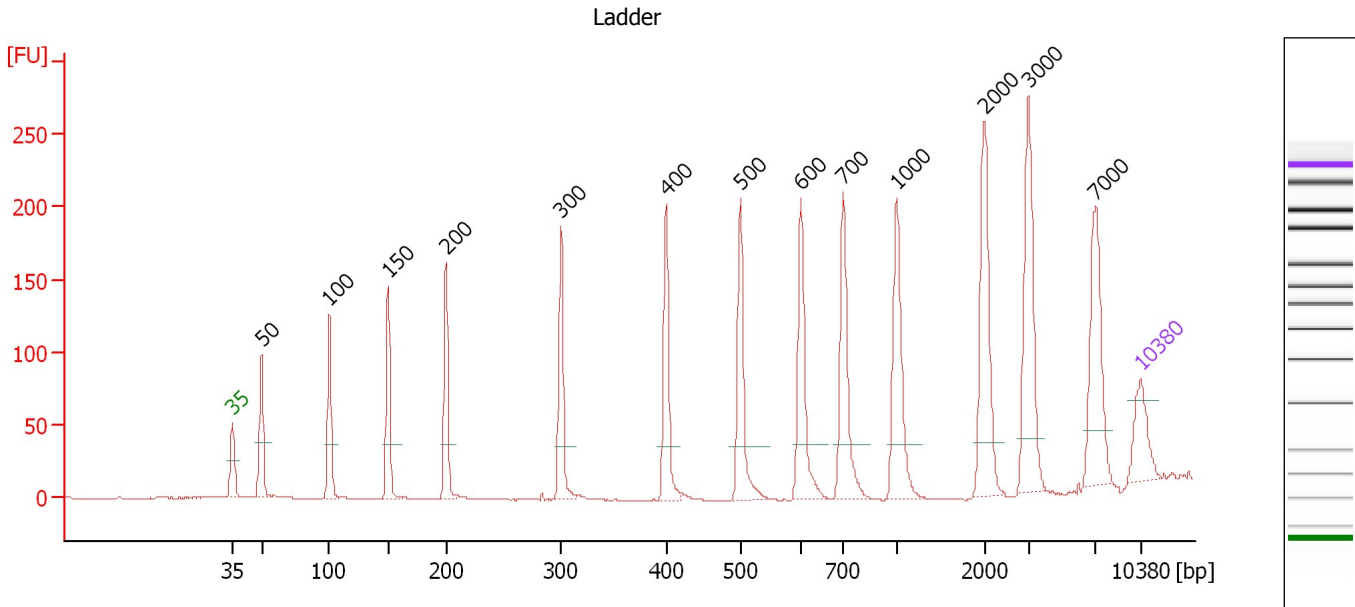
**Ladder**

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\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

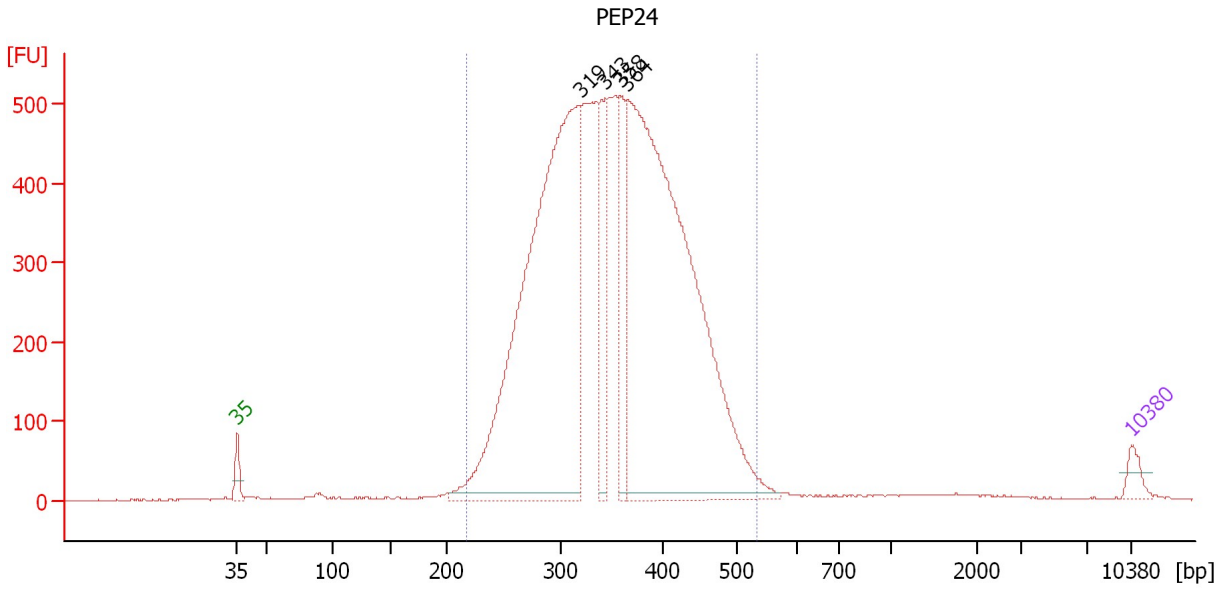
**Peak table for Ladder**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.26	50	150.00	4,545.5	Ladder Peak
3	50.48	100	150.00	2,272.7	Ladder Peak
4	55.00	150	150.00	1,515.2	Ladder Peak
5	59.48	200	150.00	1,136.4	Ladder Peak
6	68.32	300	150.00	757.6	Ladder Peak
7	76.42	400	150.00	568.2	Ladder Peak
8	82.17	500	150.00	454.5	Ladder Peak
9	86.82	600	150.00	378.8	Ladder Peak
10	90.11	700	150.00	324.7	Ladder Peak
11	94.22	1,000	150.00	227.3	Ladder Peak
12	100.96	2,000	150.00	113.6	Ladder Peak
13	104.37	3,000	150.00	75.8	Ladder Peak
14	109.51	7,000	150.00	32.5	Ladder Peak
15	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 1 : PEP24**

Height Threshold [FU] : 10

**Overall Results for sample 1 : PEP24**

Number of peaks found: 4                      Corr. Area 1: 10,269.2  
 Noise: 0.9

**Peak table for sample 1 : PEP24**

Pea k	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	69.86	319	5,627.53	26,732.0	
3	71.82	343	723.50	3,194.0	
4	73.03	358	615.83	2,605.2	
5	73.53	364	6,012.88	25,004.4	
6	113.00	10,380	75.00	10.9	Upper Marker

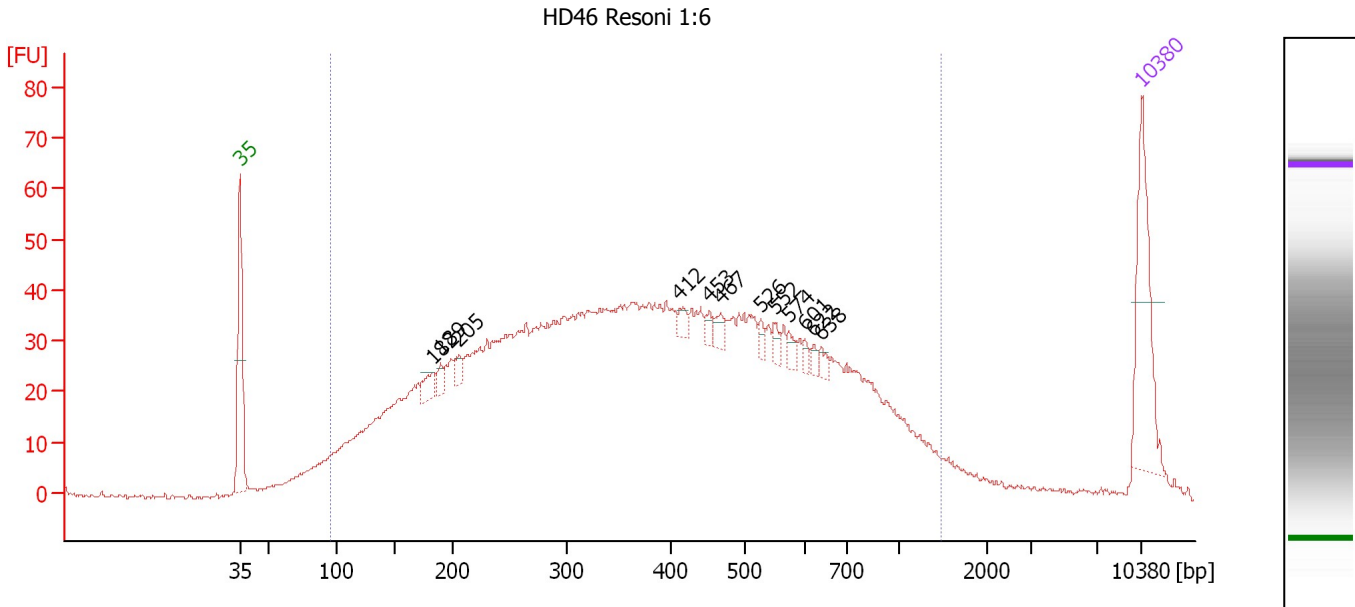
**Region table for sample 1 : PEP24**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Co lor
217	532	352	69,107.8	15,350.98	10,269.2	96	17.7	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : HD46 Resoni 1:6**

Number of peaks found: 12                      Corr. Area 1: 1,817.8  
 Noise: 0.4

**Peak table for sample 2 : HD46 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	57.91	182	16.74	139.0	
3	58.53	189	9.39	75.1	
4	59.94	205	9.95	73.5	
5	77.13	412	9.08	33.4	
6	79.45	453	7.25	24.2	
7	80.28	467	10.15	32.9	
8	83.38	526	6.53	18.8	
9	84.59	552	7.84	21.5	
10	85.62	574	7.03	18.6	
11	86.86	601	4.70	11.8	
12	87.53	622	5.21	12.7	
13	88.07	638	6.67	15.8	
14	113.00	10,380	75.00	10.9	Upper Marker

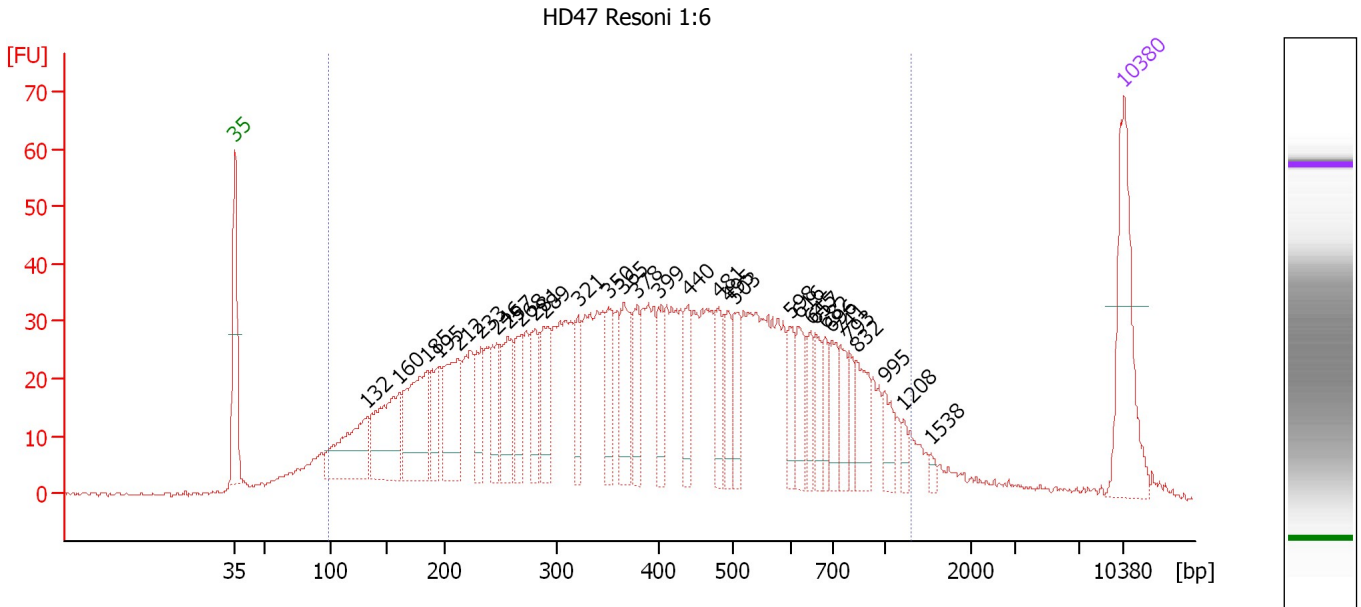
**Region table for sample 2 : HD46 Resoni 1:6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
95	1,488	418	15,270.2	2,807.28	1,817.8	97	53.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : HD47 Resoni 1:6**

Number of peaks found: 32                      Corr. Area 1: 1,696.3  
 Noise: 0.3

**Peak table for sample 3 : HD47 Resoni 1:6**


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	53.37	132	92.31	1,059.8	
3	55.89	160	103.01	976.0	
4	58.12	185	107.72	883.4	
5	59.00	195	42.18	328.4	
6	60.55	212	83.05	593.3	
7	62.36	233	42.02	273.8	
8	63.58	246	42.63	262.2	
9	64.50	257	48.09	283.7	
10	65.51	268	38.03	214.9	
11	66.60	281	40.77	220.2	
12	67.31	289	51.15	268.5	
13	70.00	321	32.57	153.9	
14	72.39	350	37.18	160.8	
15	73.61	365	55.26	229.2	
16	74.62	378	35.09	140.7	
17	76.34	399	29.33	111.3	
18	78.69	440	32.68	112.7	
19	81.09	481	29.30	92.3	
20	81.88	495	28.53	87.3	
21	82.30	503	34.45	103.8	
22	86.71	598	24.30	61.6	
23	87.34	616	28.77	70.8	
24	88.31	645	20.33	47.7	
25	88.69	657	24.60	56.7	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad


Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 3 : HD47 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	89.53	682	19.64	43.6	
27	89.99	696	25.23	54.9	
28	90.66	741	22.17	45.4	
29	91.37	793	16.59	31.7	
30	91.92	832	32.95	60.0	
31	94.15	995	18.28	27.8	
32	95.62	1,208	7.14	9.0	
33	97.84	1,538	4.40	4.3	
34	 113.00	10,380	75.00	10.9	Upper Marker

**Region table for sample 3 : HD47 Resoni 1:6**

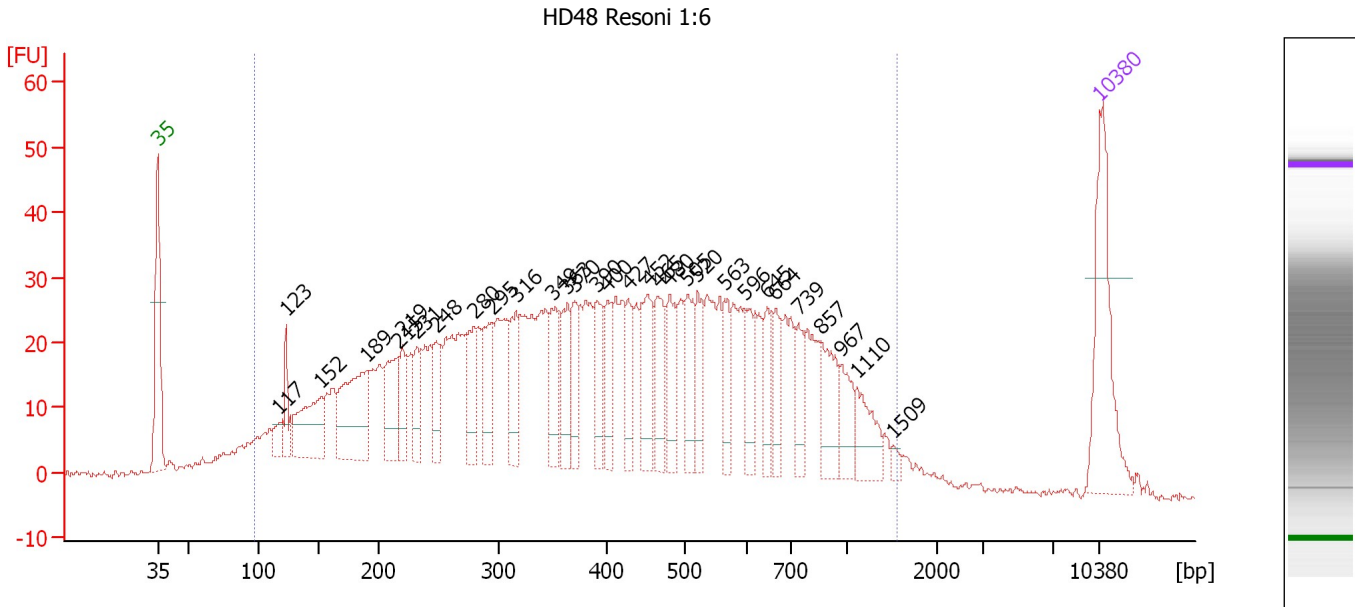
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
98	1,300	429	12,629.8	2,363.45	1,696.3	93	51.8	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : HD48 Resoni 1:6**

Number of peaks found: 31                      Corr. Area 1: 1,459.1  
 Noise: 0.5

**Peak table for sample 4 : HD48 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	52.02	117	14.84	192.1	
3	52.54	123	22.87	282.4	
4	55.14	152	70.38	703.5	
5	58.52	189	101.51	812.6	
6	60.83	215	53.69	377.9	
7	61.17	219	31.19	215.7	
8	62.24	231	31.16	204.2	
9	63.70	248	31.73	194.1	
10	66.56	280	42.23	228.4	
11	67.84	295	44.84	230.6	
12	69.64	316	40.68	194.8	
13	72.29	349	42.06	182.6	
14	73.45	363	36.52	152.3	
15	73.96	370	30.26	124.0	
16	75.63	390	37.95	147.4	
17	76.40	400	28.66	108.6	
18	77.98	427	28.13	99.8	
19	79.43	452	49.87	167.0	
20	80.16	465	42.88	139.7	
21	81.01	480	40.00	126.3	
22	82.38	505	35.86	107.7	
23	83.11	520	32.91	95.9	
24	85.12	563	26.50	71.2	
25	86.62	596	29.59	75.3	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad


Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 4 : HD48 Resoni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	88.28	645	25.95	61.0	
27	88.93	664	27.42	62.6	
28	90.64	739	23.07	47.3	
29	92.26	857	38.83	68.6	
30	93.76	967	25.39	39.8	
31	94.95	1,110	28.00	38.2	
32	97.65	1,509	4.08	4.1	
33	113.00	10,380	75.00	10.9	Upper Marker

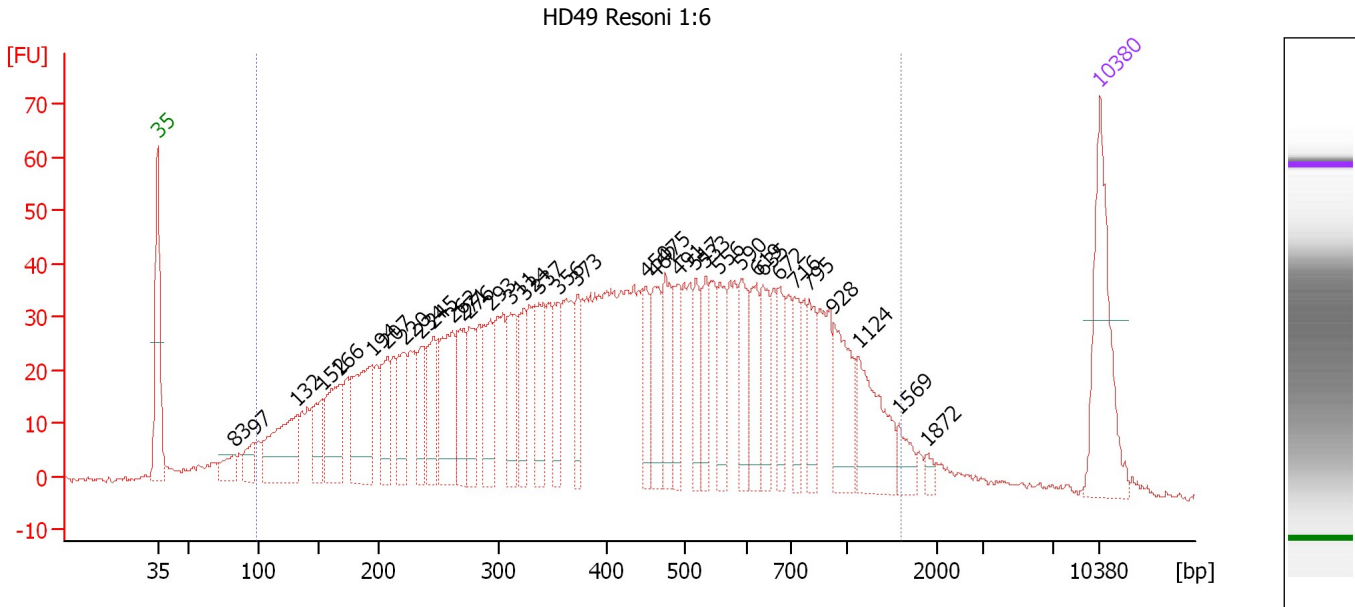
#### Region table for sample 4 : HD48 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
98	1,539	457	12,149.3	2,347.06	1,459.1	95	55.3	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : HD49 Resoni 1:6**

Number of peaks found: 36                      Corr. Area 1: 1,889.8  
 Noise: 0.4

**Peak table for sample 5 : HD49 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	48.69	83	20.72	378.8	
3	50.17	97	22.41	349.9	
4	53.38	132	90.08	1,033.1	
5	55.21	152	37.87	376.7	
6	56.47	166	68.70	625.7	
7	58.90	194	94.57	740.4	
8	60.08	207	46.09	337.8	
9	61.29	220	44.51	305.9	
10	62.51	234	39.81	257.5	
11	63.47	245	46.02	284.5	
12	64.94	262	75.74	438.3	
13	65.73	271	49.39	276.5	
14	66.16	276	41.32	227.2	
15	67.72	293	49.21	254.2	
16	69.24	311	44.02	214.2	
17	70.24	324	40.84	191.1	
18	71.33	337	43.92	197.3	
19	72.85	356	36.92	157.2	
20	74.20	373	34.13	138.8	
21	79.28	450	32.39	109.1	
22	79.98	462	47.13	154.6	
23	80.72	475	47.90	152.9	
24	81.67	491	34.60	106.7	
25	82.98	517	33.64	98.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad


Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : HD49 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	83.71	533	33.18	94.3	
27	84.76	556	38.35	104.6	
28	86.36	590	41.20	105.8	
29	87.45	619	37.76	92.4	
30	87.97	635	37.61	89.7	
31	89.19	672	29.30	66.1	
32	90.32	716	28.02	59.3	
33	91.40	795	32.99	62.9	
34	93.23	928	49.61	81.0	
35	95.05	1,124	58.53	78.9	
36	98.05	1,569	14.50	14.0	
37	100.09	1,872	4.81	3.9	
38	113.00	10,380	75.00	10.9	Upper Marker

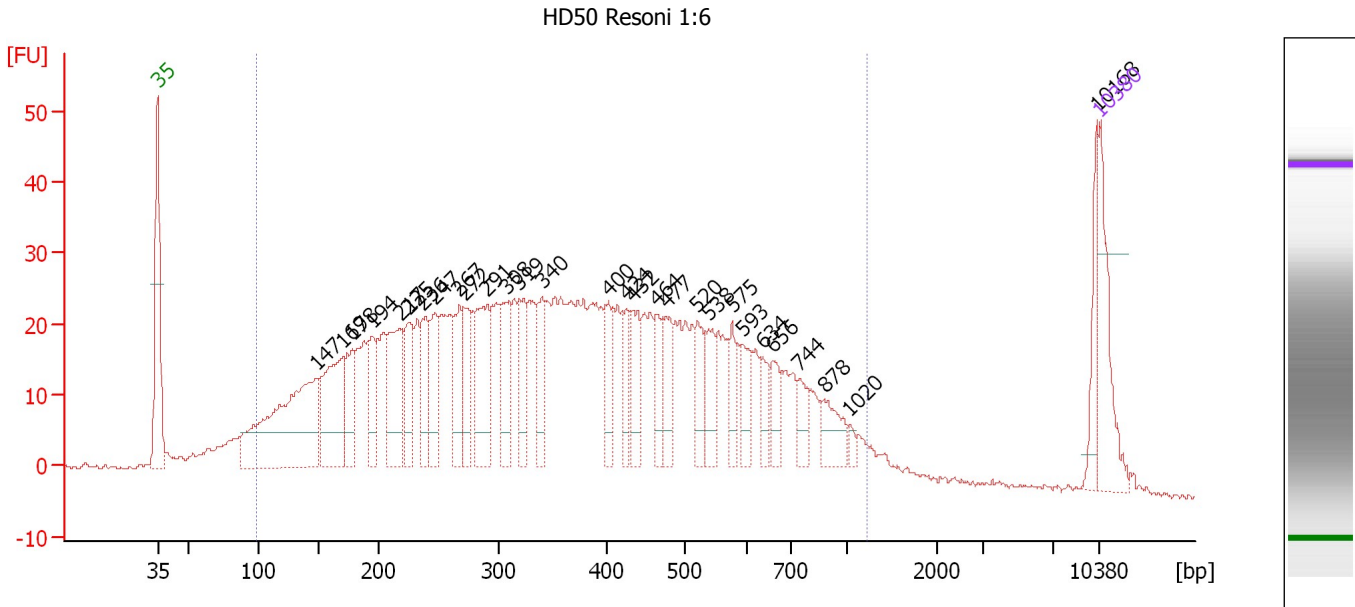
**Region table for sample 5 : HD49 Resoni 1:6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
99	1,590	481	11,941.5	2,402.48	1,889.8	95	56.7	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

Created: 1/6/2014 12:00:22 PM  
 Modified: 1/6/2014 12:43:08 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : HD50 Resoni 1:6**

Number of peaks found: 29                      Corr. Area 1: 1,260.6  
 Noise: 0.3

**Peak table for sample 6 : HD50 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	54.76	147	313.07	3,219.4	
3	56.74	169	140.71	1,258.9	
4	57.48	178	68.82	586.9	
5	58.93	194	56.10	438.5	
6	60.99	217	115.66	807.2	
7	61.65	225	70.14	473.3	
8	62.71	236	66.32	424.9	
9	63.63	247	61.46	377.1	
10	65.43	267	64.76	367.1	
11	65.87	272	56.18	312.7	
12	67.49	291	115.95	604.6	
13	68.98	308	74.07	364.2	
14	69.86	319	56.89	270.2	
15	71.57	340	53.91	240.1	
16	76.44	400	45.66	172.8	
17	77.80	424	40.10	143.3	
18	78.24	432	54.48	191.2	
19	80.08	464	37.60	122.8	
20	80.83	477	44.95	142.9	
21	83.11	520	48.14	140.2	
22	83.95	538	42.79	120.5	
23	85.66	575	30.80	81.2	
24	86.49	593	32.86	84.0	
25	87.94	634	22.23	53.1	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 6 : HD50 Resoni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	88.64	656	29.55	68.3	
27	90.71	744	27.41	55.8	
28	92.55	878	36.56	63.1	
29	94.35	1,020	6.65	9.9	
30	112.78	10,168	37.02	5.5	
31	113.00	10,380	75.00	10.9	Upper Marker

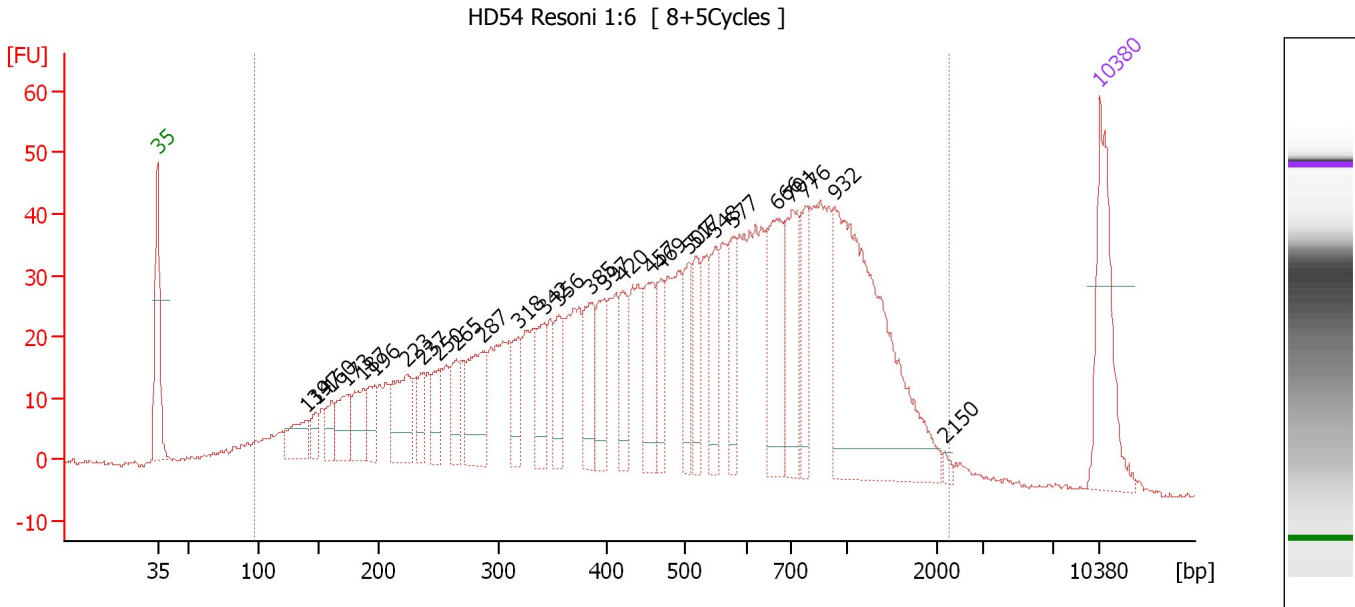
#### Region table for sample 6 : HD50 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
98	1,225	397	18,993.9	3,400.00	1,260.6	93	50.2	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : HD54 Resoni 1:6**

Number of peaks found: 28                      Corr. Area 1: 1,662.4  
 Noise: 0.4

**Peak table for sample 7 : HD54 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	54.00	139	36.56	398.9	
3	54.76	147	17.80	183.1	
4	55.92	160	22.74	215.0	
5	57.04	173	38.69	339.4	
6	58.29	187	40.70	330.4	
7	59.14	196	27.38	211.5	
8	61.51	223	63.08	428.8	
9	62.71	237	23.78	152.3	
10	63.87	250	31.31	190.0	
11	65.22	265	31.21	178.5	
12	67.14	287	71.22	376.5	
13	69.78	318	34.25	163.2	
14	71.70	342	40.48	179.5	
15	72.81	356	36.89	157.2	
16	75.23	385	47.03	184.9	
17	76.21	397	42.33	161.4	
18	77.55	420	36.36	131.2	
19	79.70	457	52.30	173.4	
20	80.41	469	32.65	105.4	
21	82.51	507	34.12	101.9	
22	82.96	517	37.50	109.9	
23	84.39	548	45.25	125.1	
24	85.73	577	35.07	92.2	
25	89.00	666	84.63	192.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 7 : HD54 Resoni 1:6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations
26	90.11	701	67.26	145.4	
27	91.14	776	42.95	83.9	
28	93.29	932	272.70	443.2	
29	101.47	2,150	3.26	2.3	
30	113.00	10,380	75.00	10.9	Upper Marker

#### Region table for sample 7 : HD54 Resoni 1:6

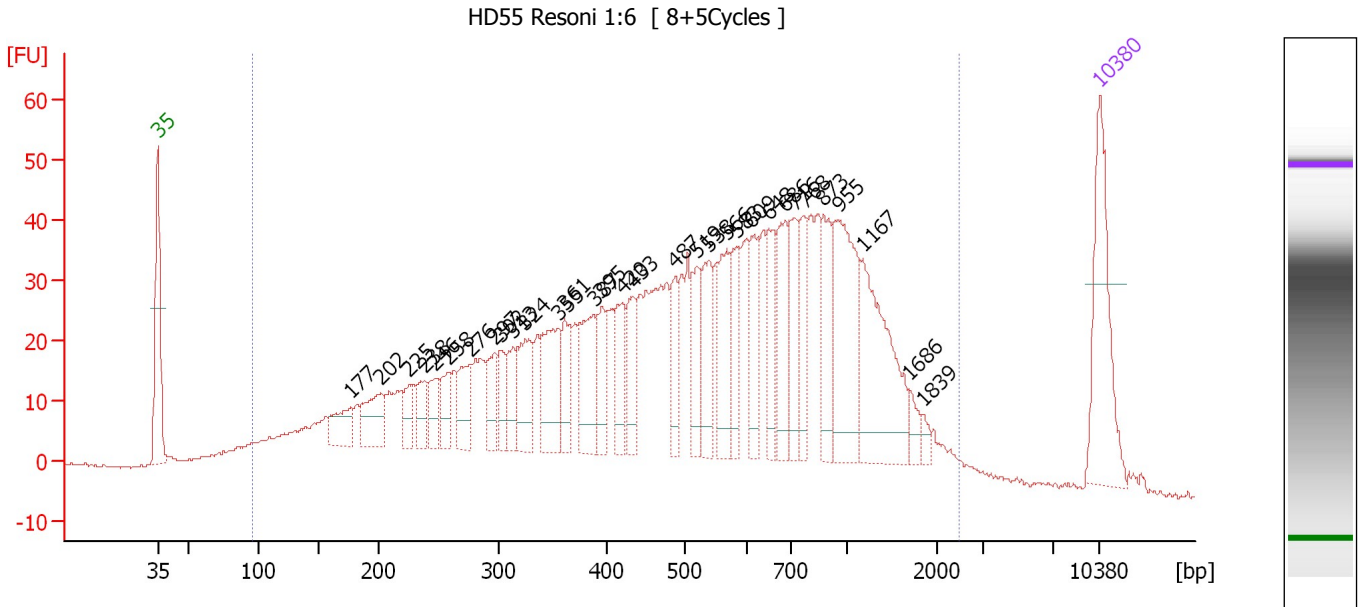
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
97	2,244	606	10,415.6	2,433.70	1,662.4	97	62.0	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : HD55 Resoni 1:6**

Number of peaks found: 32                      Corr. Area 1: 1,602.2  
 Noise: 0.2

**Peak table for sample 8 : HD55 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	57.39	177	32.17	276.0	
3	59.63	202	43.60	327.7	
4	61.69	225	20.87	140.6	
5	62.81	238	23.35	148.9	
6	63.57	246	21.09	129.8	
7	64.65	258	26.26	153.9	
8	66.21	276	35.93	197.1	
9	68.05	297	30.34	154.8	
10	68.50	302	22.77	114.2	
11	69.40	313	29.69	143.6	
12	70.29	324	47.61	222.4	
13	72.76	355	64.30	274.6	
14	73.25	361	33.73	141.6	
15	75.40	387	62.48	244.3	
16	75.98	395	28.75	110.4	
17	77.55	420	39.37	142.1	
18	78.31	433	34.31	120.1	
19	81.45	487	30.13	93.6	
20	83.06	519	35.61	103.9	
21	83.92	538	45.16	127.3	
22	85.26	566	50.30	134.5	
23	86.02	583	38.66	100.5	
24	87.10	609	42.37	105.5	
25	88.40	648	38.77	90.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**

**... Peak table for sample 8 : HD55 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	89.65	686	55.86	123.3	
27	90.32	716	45.99	97.3	
28	91.04	768	37.05	73.1	
29	92.48	873	44.49	77.2	
30	93.60	955	100.24	159.1	
31	95.34	1,167	103.30	134.1	
32	98.84	1,686	10.30	9.3	
33	99.87	1,839	5.64	4.6	
34	113.00	10,380	75.00	10.9	Upper Marker

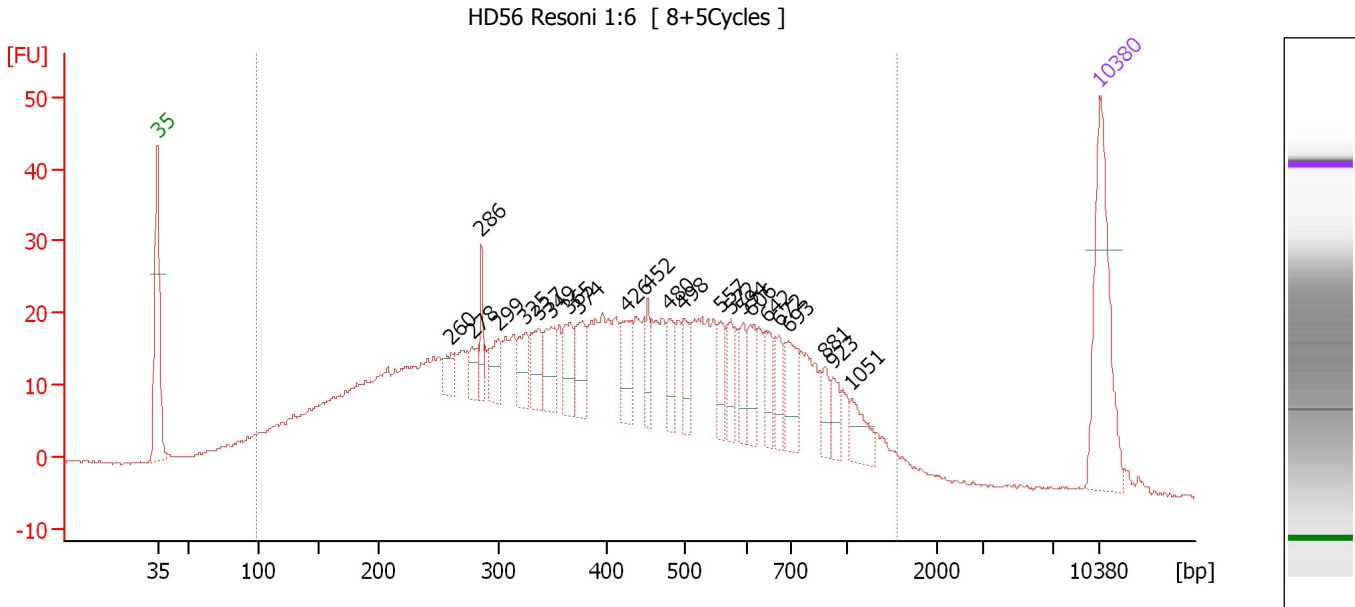
**Region table for sample 8 : HD55 Resoni 1:6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
96	2,464	622	9,749.6	2,329.61	1,602.2	97	63.4	<span style="color: blue;">■</span>

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : HD56 Resoni 1:6**

Number of peaks found: 23                      Corr. Area 1: 1,053.0  
 Noise: 0.2

**Peak table for sample 9 : HD56 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	64.81	260	13.58	79.1	
3	66.33	278	14.00	76.4	
4	67.05	286	18.93	100.4	
5	68.26	299	21.73	110.0	
6	70.33	325	21.40	99.8	
7	71.31	337	26.42	118.8	
8	72.26	349	28.51	123.9	
9	73.60	365	25.66	106.4	
10	74.32	374	27.69	112.1	
11	77.91	426	26.91	95.7	
12	79.44	452	19.76	66.2	
13	81.01	480	21.93	69.3	
14	82.08	498	22.00	66.9	
15	84.82	557	19.49	53.0	
16	85.54	572	17.79	47.1	
17	86.53	594	17.16	43.8	
18	87.02	606	19.97	49.9	
19	88.19	642	17.94	42.4	
20	89.17	672	17.54	39.6	
21	89.89	693	25.43	55.6	
22	92.58	881	12.14	20.9	
23	93.17	923	13.62	22.4	
24	94.56	1,051	19.22	27.7	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**

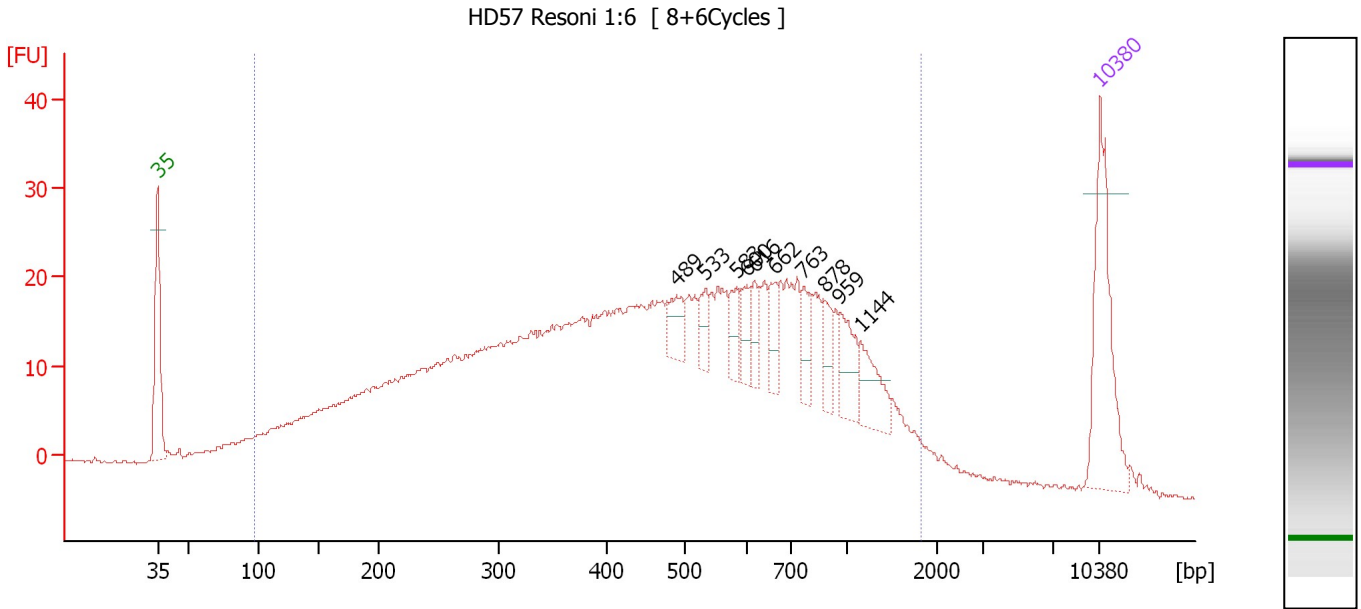
... Region table for sample 9 : HD56 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
98	1,560	457	9,769.7	1,935.58	1,053.0	96	54.2	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : HD57 Resoni 1:6**

Number of peaks found: 10                      Corr. Area 1: 952.4  
 Noise: 0.2

**Peak table for sample 10 : HD57 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	81.54	489	22.54	69.8	
3	83.70	533	16.42	46.7	
4	86.03	583	16.10	41.8	
5	86.79	600	16.95	42.8	
6	87.33	616	15.76	38.8	
7	88.86	662	18.14	41.5	
8	90.97	763	20.67	41.0	
9	92.54	878	15.00	25.9	
10	93.66	959	30.25	47.8	
11	95.19	1,144	27.95	37.0	
12	113.00	10,380	75.00	10.9	Upper Marker

**Region table for sample 10 : HD57 Resoni 1:6**

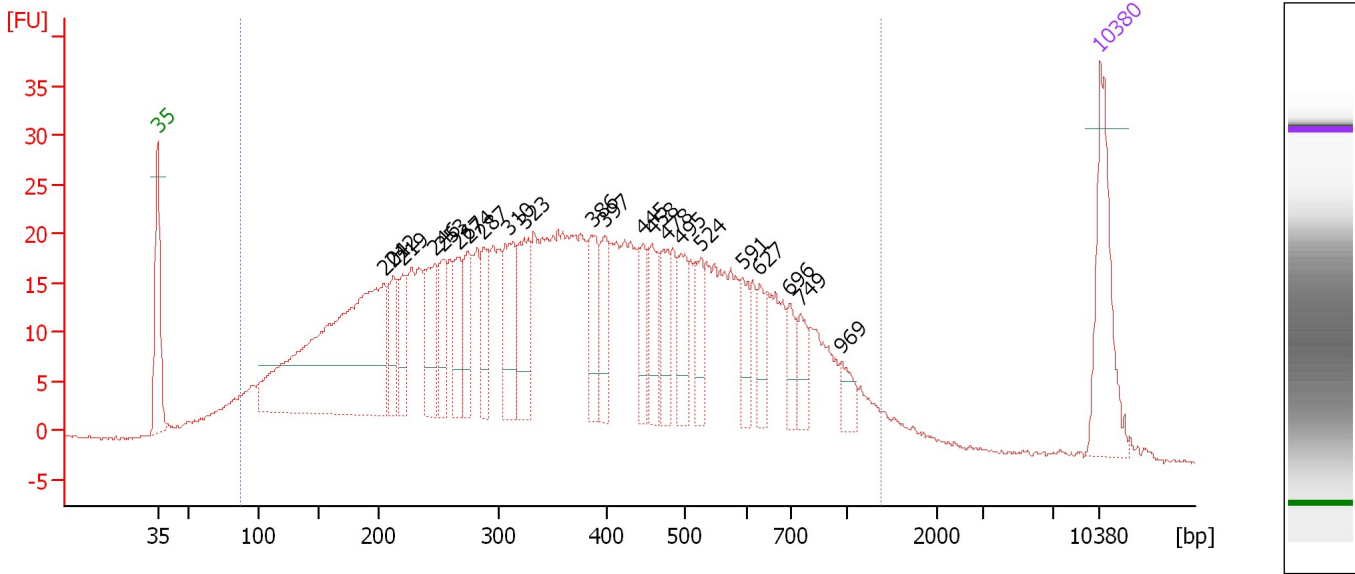
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
98	1,809	536	9,516.9	2,063.72	952.4	95	59.6	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**

HD58 Resoni 1:6 [ 8+6Cycles ]



**Overall Results for sample 11 : HD58 Resoni 1:6**

Number of peaks found: 22                      Corr. Area 1: 1,041.6  
 Noise: 0.1

**Peak table for sample 11 : HD58 Resoni 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	59.87	204	394.01	2,920.9	
3	60.50	212	39.37	282.0	
4	61.17	219	39.92	276.0	
5	63.56	246	67.46	415.3	
6	64.19	253	43.99	263.2	
7	65.40	267	46.62	264.6	
8	66.03	274	40.77	225.4	
9	67.20	287	43.79	230.9	
10	69.14	310	70.37	343.8	
11	70.22	323	63.75	298.6	
12	75.26	386	48.83	191.8	
13	76.20	397	39.48	150.6	
14	79.03	445	31.78	108.1	
15	79.75	458	43.12	142.7	
16	80.88	478	37.44	118.8	
17	81.87	495	42.71	130.8	
18	83.31	524	33.37	96.4	
19	86.41	591	26.94	69.0	
20	87.72	627	26.96	65.1	
21	89.97	696	21.86	47.6	
22	90.78	749	22.06	44.6	
23	93.79	969	16.49	25.8	
24	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Electropherogram Summary Continued ...**

... Region table for sample 11 : HD58 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
87	1,380	409	15,531.8	2,765.90	1,041.6	96	52.8	■

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-06\2014-01-06\_003.xad

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**Gel Image**

