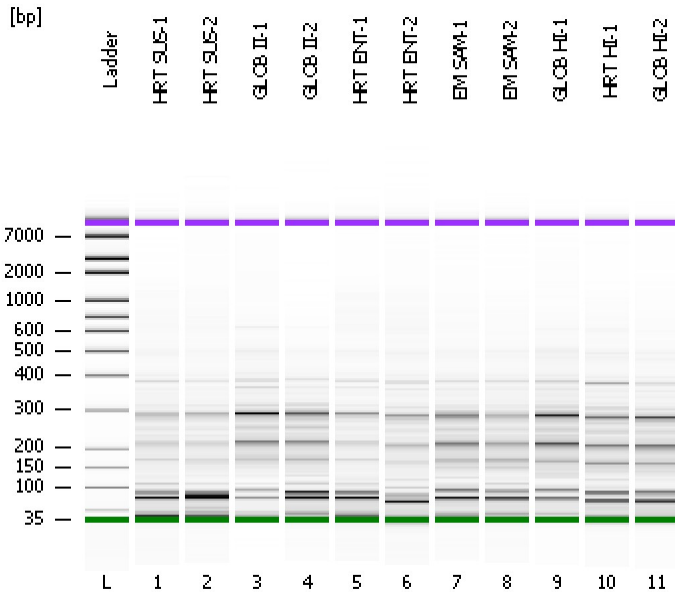


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
Modified: 2/5/2013 11:52:31 AM

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

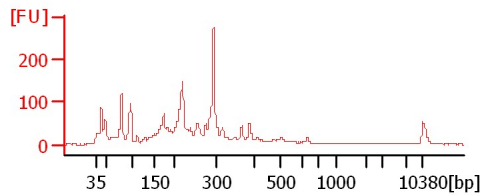
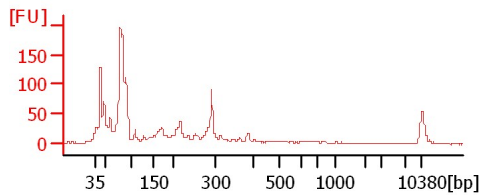
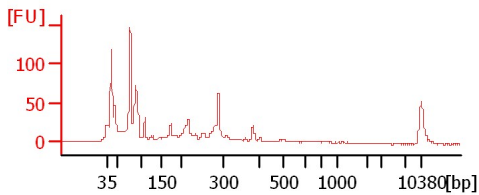
Chip Information:

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

HRT SUS-1

HRT SUS-2

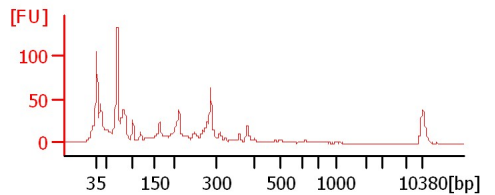
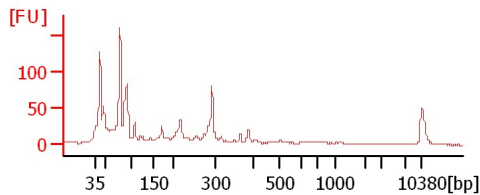
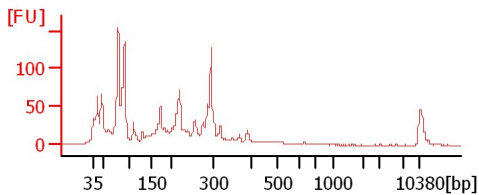
GLOB II-1



GLOB II-2

HRT ENT-1

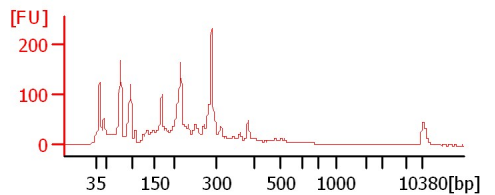
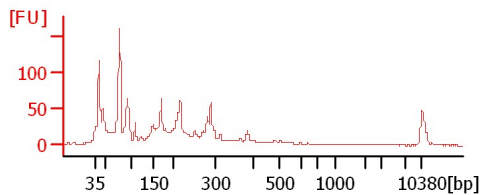
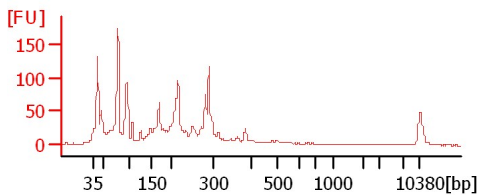
HRT ENT-2



EM SAM-1

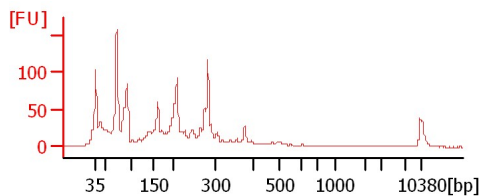
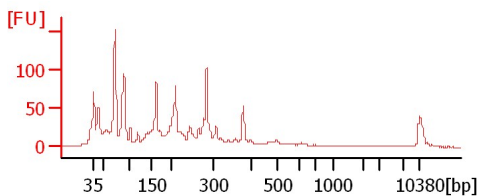
EM SAM-2

GLOB HI-1



HRT HI-1

GLOB HI-2



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
HRT SUS-1		<input type="checkbox"/>	✓			
HRT SUS-2		<input type="checkbox"/>	✓			
GLOB II-1		<input type="checkbox"/>	✓			
GLOB II-2		<input type="checkbox"/>	✓			
HRT ENT-1		<input type="checkbox"/>	✓			
HRT ENT-2		<input type="checkbox"/>	✓			
EM SAM-1		<input type="checkbox"/>	✓			
EM SAM-2		<input type="checkbox"/>	✓			
GLOB HI-1		<input type="checkbox"/>	✓			
HRT HI-1		<input type="checkbox"/>	✓			
GLOB HI-2		<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\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
Modified: 2/5/2013 11:52:31 AM

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

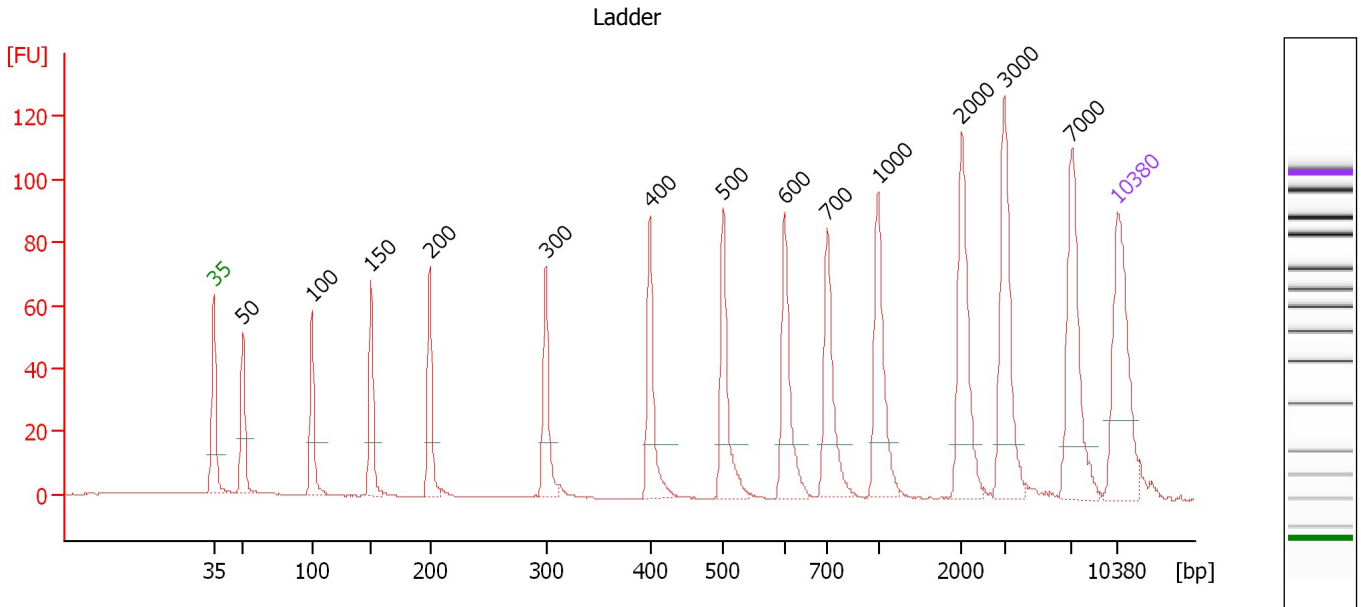
Ladder

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\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

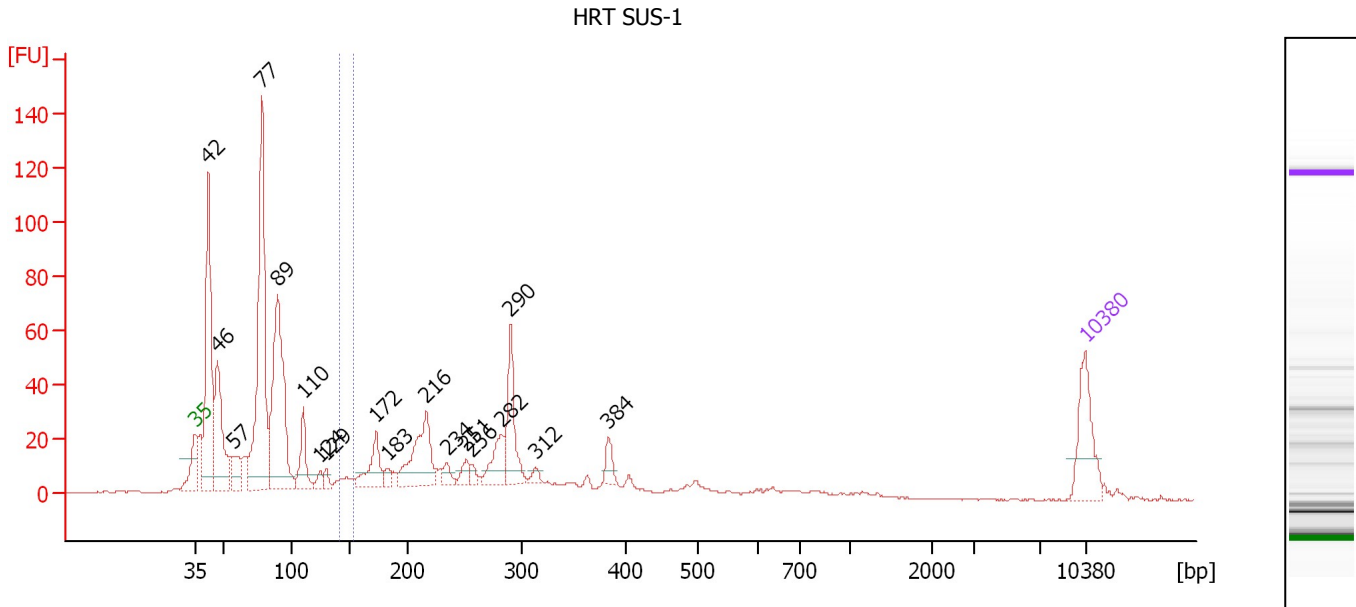
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : HRT SUS-1

Number of peaks found: 18 Corr. Area 1: 14.2
 Noise: 0.2

Peak table for sample 1 : HRT SUS-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	42	407.26	14,816.1	
3	46	220.02	7,191.3	
4	57	50.68	1,337.4	
5	77	525.25	10,269.8	
6	89	409.56	6,948.8	
7	110	80.62	1,115.2	
8	124	15.31	186.9	
9	129	14.44	169.3	
10	172	78.90	693.4	
11	183	18.42	152.9	
12	216	153.68	1,078.3	
13	234	20.21	130.8	
14	251	23.25	140.4	
15	256	12.44	73.6	
16	282	63.71	342.8	
17	290	113.32	593.0	
18	312	11.80	57.2	
19	384	25.11	99.2	
20	10,380	75.00	10.9	Upper Marker

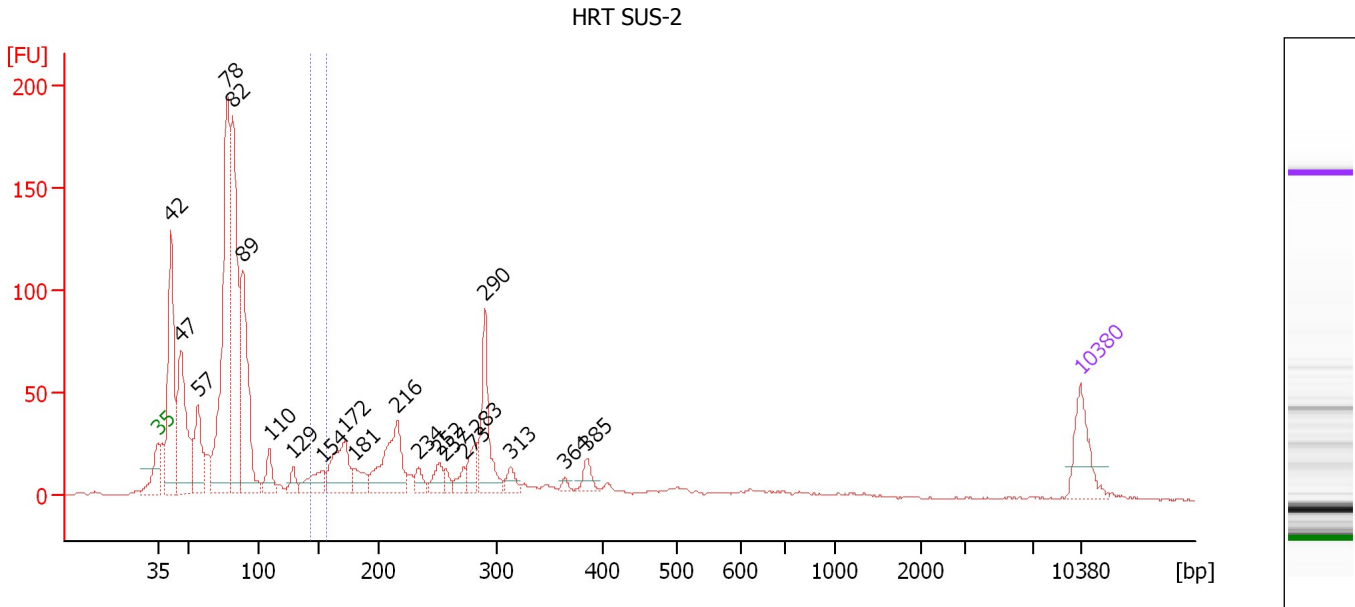
Region table for sample 1 : HRT SUS-1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
140	153	146	344.8	33.30	14.2	1	2.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : HRT SUS-2

Number of peaks found: 21 Corr. Area 1: 23.4
 Noise: 0.2

Peak table for sample 2 : HRT SUS-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	42	441.63	16,102.4	
3	47	353.63	11,476.9	
4	57	168.51	4,445.0	
5	78	748.75	14,526.4	
6	82	601.67	11,097.4	
7	89	410.17	6,980.2	
8	110	62.12	856.8	
9	129	33.05	387.8	
10	154	73.29	722.6	
11	172	151.62	1,334.2	
12	181	49.56	415.5	
13	216	197.57	1,385.6	
14	234	29.34	189.8	
15	252	38.86	234.1	
16	257	17.86	105.4	
17	273	27.04	150.3	
18	283	48.62	260.6	
19	290	171.04	892.6	
20	313	27.83	134.8	
21	364	9.98	41.5	
22	385	29.18	114.8	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...

... Region table for sample 2 :

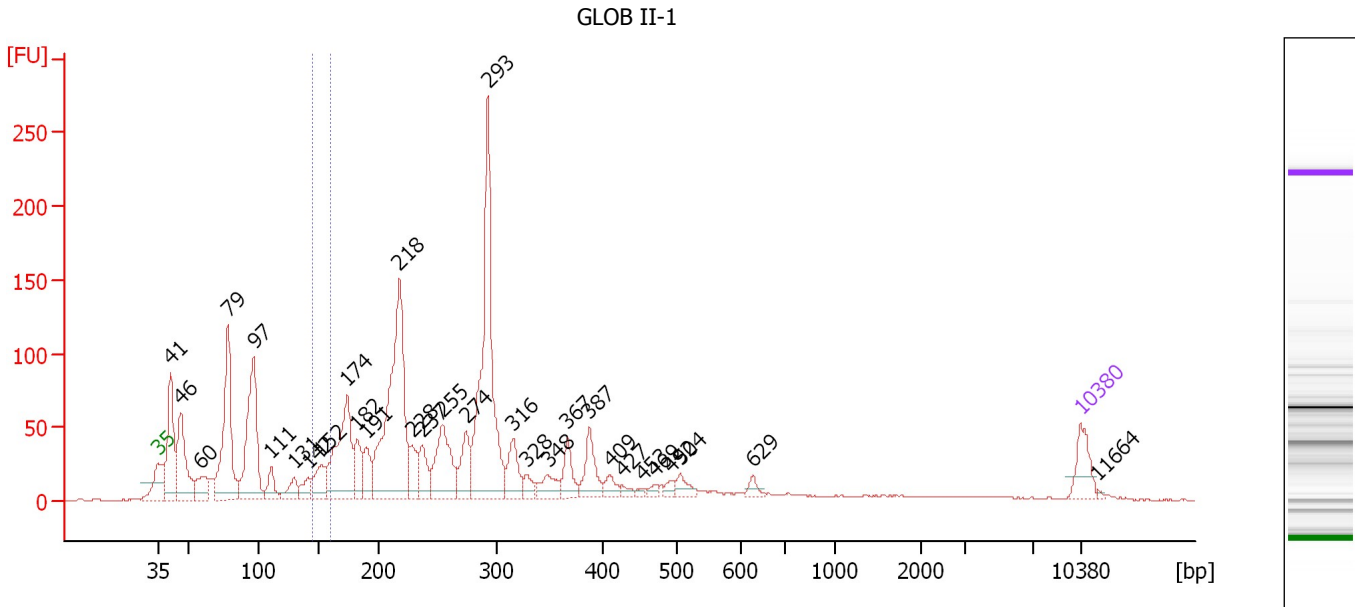
HRT SUS-2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Co lor
144	157	150	537.3	53.29	23.4	1	2.3	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : GLOB II-1

Number of peaks found: 31 Corr. Area 1: 55.8
 Noise: 0.2

Peak table for sample 3 : GLOB II-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	369.97	13,521.6	
3	46	329.73	10,756.1	
4	60	100.69	2,561.9	
5	79	555.41	10,687.8	
6	97	527.30	8,228.8	
7	111	77.95	1,062.4	
8	131	68.57	795.8	
9	142	60.50	646.9	
10	152	119.96	1,192.7	
11	174	434.31	3,773.1	
12	182	124.80	1,037.6	
13	191	104.33	829.6	
14	218	863.70	6,000.1	
15	228	96.33	638.8	
16	237	107.64	687.1	
17	255	261.69	1,557.1	
18	274	131.78	727.7	
19	293	829.15	4,292.8	
20	316	121.73	584.6	
21	328	37.60	173.6	
22	348	70.09	305.1	
23	367	86.72	358.2	
24	387	116.68	456.5	
25	409	42.28	156.5	
26	427	17.19	61.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad


Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...

... Peak table for sample 3 : GLOB II-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	453	11.41	38.2	
28	469	16.81	54.3	
29	492	22.73	70.0	
30	504	42.95	129.0	
31	629	24.03	57.9	
32	10,380	75.00	10.9	Upper Marker
33	11,664	0.00	0.0	

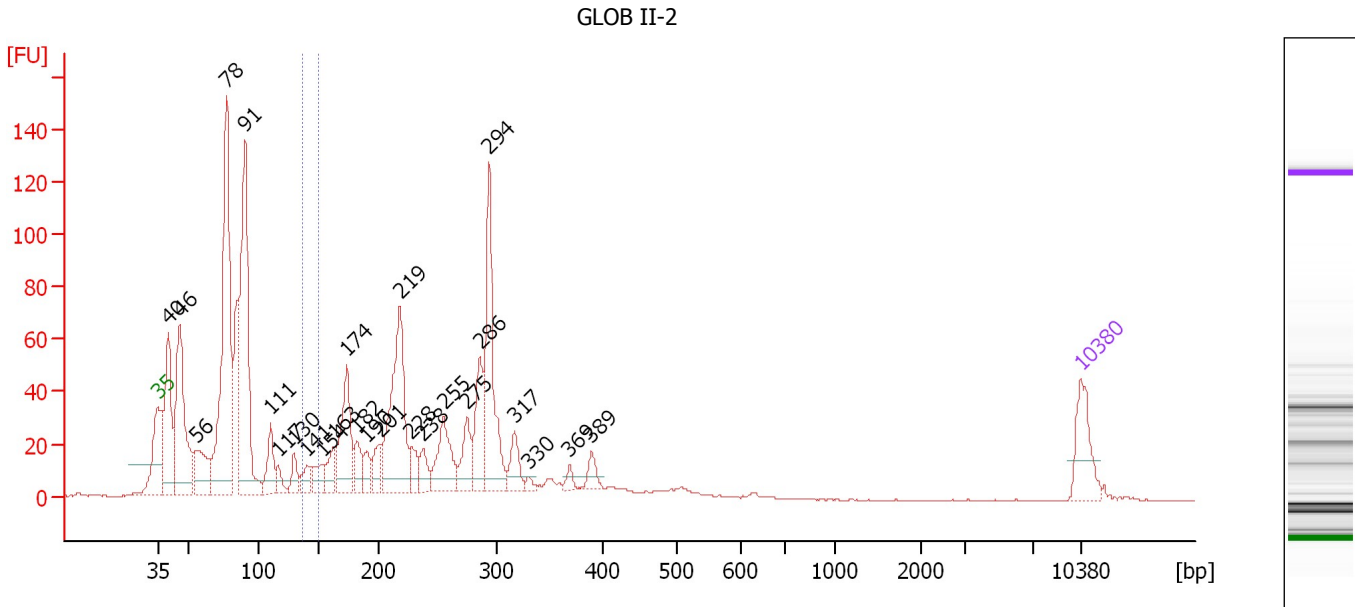
Region table for sample 3 : GLOB II-1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
146	160	153	1,512.0	152.70	55.8	2	2.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : GLOB II-2

Number of peaks found: 26 Corr. Area 1: 26.6
 Noise: 0.2

Peak table for sample 4 : GLOB II-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	40	268.50	10,070.0	
3	46	380.15	12,494.3	
4	56	136.97	3,680.0	
5	78	718.69	14,012.7	
6	91	595.08	9,916.2	
7	111	89.04	1,218.1	
8	117	30.50	395.9	
9	130	42.67	497.0	
10	141	40.27	432.8	
11	154	47.75	470.1	
12	163	59.55	553.9	
13	174	194.06	1,690.8	
14	182	59.75	496.3	
15	190	39.63	315.4	
16	201	54.07	406.7	
17	219	350.40	2,429.1	
18	228	47.34	314.4	
19	238	45.02	286.9	
20	255	129.71	769.5	
21	275	76.44	421.0	
22	286	127.32	675.3	
23	294	287.08	1,480.8	
24	317	56.48	270.2	
25	330	10.33	47.5	
26	369	15.28	62.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad


Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...

... Peak table for sample 4 : GLOB II-2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	389	29.32	114.1	
28	10,380	75.00	10.9	Upper Marker

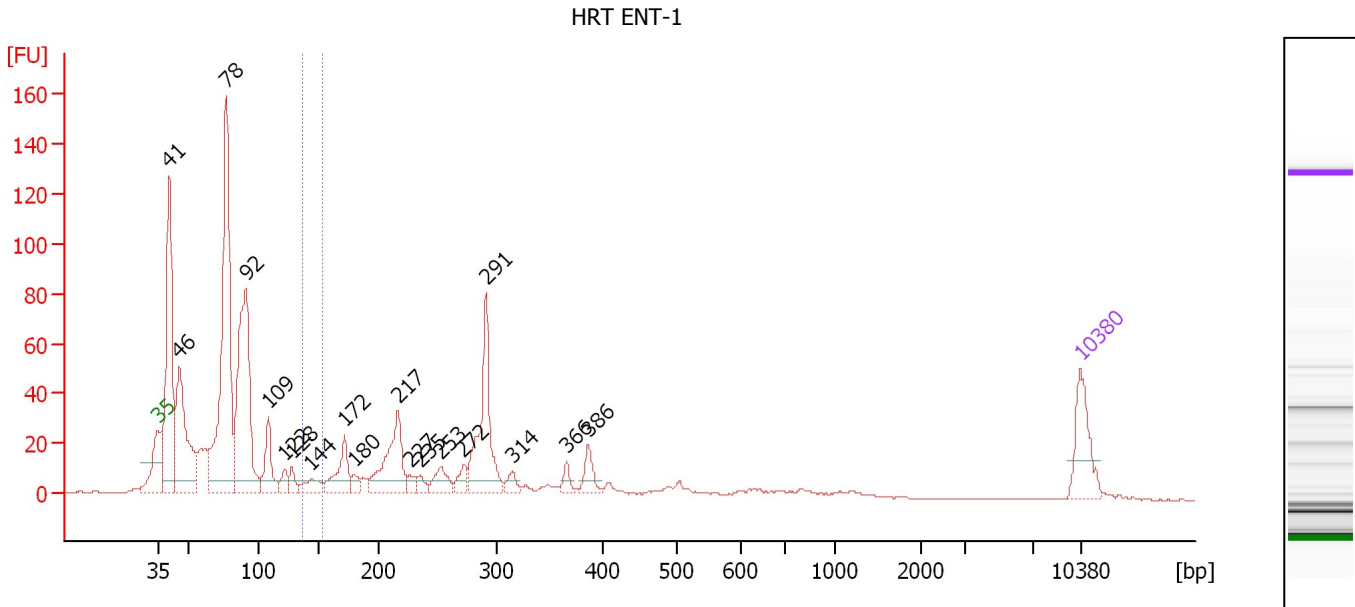
Region table for sample 4 : GLOB II-2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
137	150	143	775.6	73.31	26.6	2	2.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : HRT ENT-1

Number of peaks found: 19 Corr. Area 1: 16.4
 Noise: 0.2

Peak table for sample 5 : HRT ENT-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	500.78	18,612.0	
3	46	324.22	10,696.2	
4	78	707.91	13,776.2	
5	92	510.48	8,438.1	
6	109	100.88	1,404.1	
7	122	29.14	360.7	
8	128	27.92	329.4	
9	144	42.66	447.5	
10	172	94.10	827.8	
11	180	19.59	164.6	
12	217	176.21	1,230.9	
13	227	18.93	126.3	
14	235	18.64	120.0	
15	253	47.84	286.9	
16	272	30.20	168.2	
17	291	227.02	1,182.3	
18	314	23.68	114.1	
19	366	20.51	85.0	
20	386	38.85	152.4	
21	10,380	75.00	10.9	Upper Marker

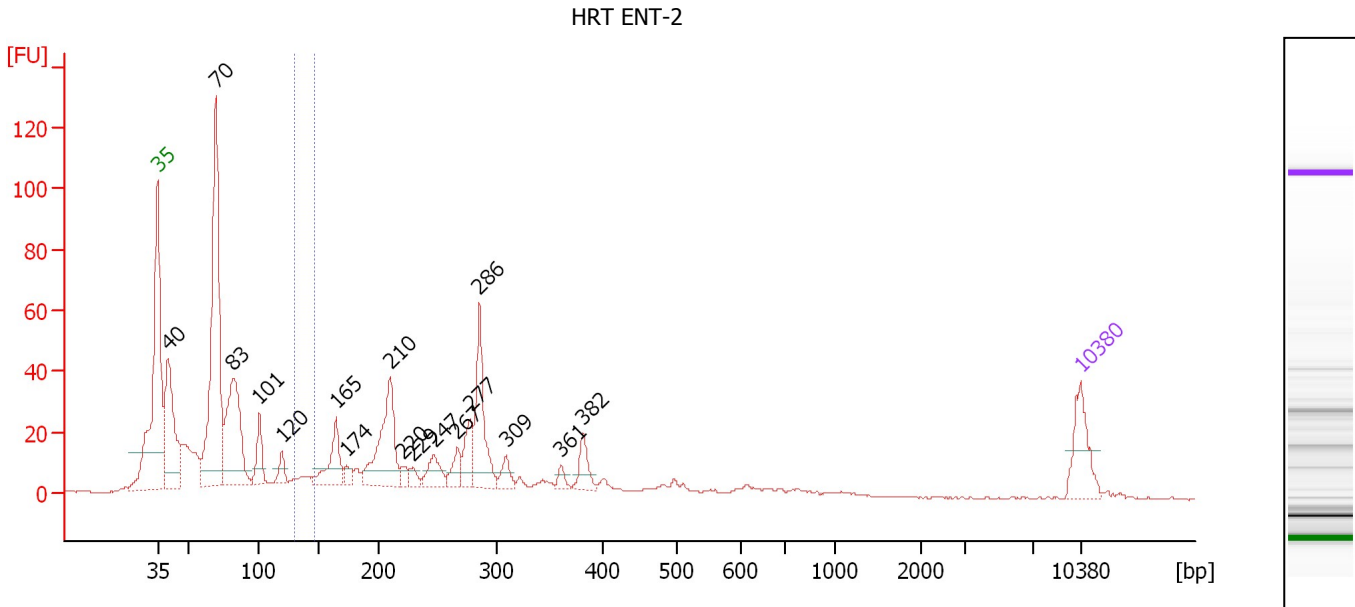
Region table for sample 5 : HRT ENT-1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
137	153	145	443.6	42.41	16.4	1	3.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : HRT ENT-2

Number of peaks found: 17 Corr. Area 1: 15.0
 Noise: 0.2

Peak table for sample 6 : HRT ENT-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	40	328.48	12,382.4	
3	70	706.18	15,205.4	
4	83	338.66	6,217.7	
5	101	77.06	1,151.6	
6	120	35.18	443.9	
7	165	111.86	1,026.5	
8	174	23.12	201.6	
9	210	229.87	1,658.4	
10	220	20.50	141.0	
11	229	20.61	136.7	
12	247	57.50	352.7	
13	267	42.04	238.5	
14	277	73.84	403.4	
15	286	180.16	955.9	
16	309	33.68	165.1	
17	361	17.08	71.7	
18	382	49.15	195.2	
19	10,380	75.00	10.9	Upper Marker

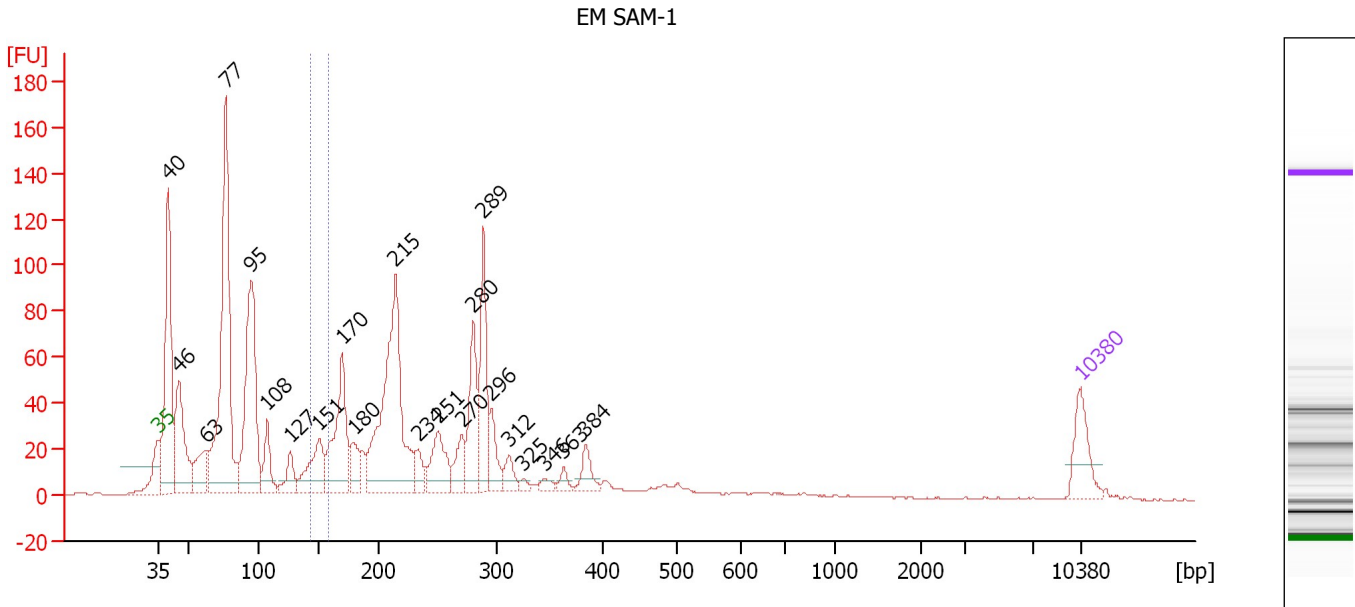
Region table for sample 6 : HRT ENT-2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
131	146	138	567.3	51.78	15.0	2	3.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : EM SAM-1

Number of peaks found: 22 Corr. Area 1: 52.6
 Noise: 0.2

Peak table for sample 7 : EM SAM-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	40	548.17	20,520.6	
3	46	280.38	9,307.2	
4	63	121.09	2,920.2	
5	77	828.03	16,274.1	
6	95	514.43	8,183.6	
7	108	101.10	1,417.9	
8	127	65.37	779.1	
9	151	157.40	1,582.1	
10	170	283.69	2,528.5	
11	180	71.38	602.1	
12	215	615.86	4,345.4	
13	234	51.98	337.1	
14	251	127.02	768.1	
15	270	72.91	408.4	
16	280	169.60	917.1	
17	289	217.70	1,141.7	
18	296	71.78	368.0	
19	312	41.78	202.8	
20	325	12.75	59.5	
21	346	16.92	74.1	
22	363	19.44	81.1	
23	384	46.73	184.5	
24	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...

... Region table for sample 7 : EM SAM-1

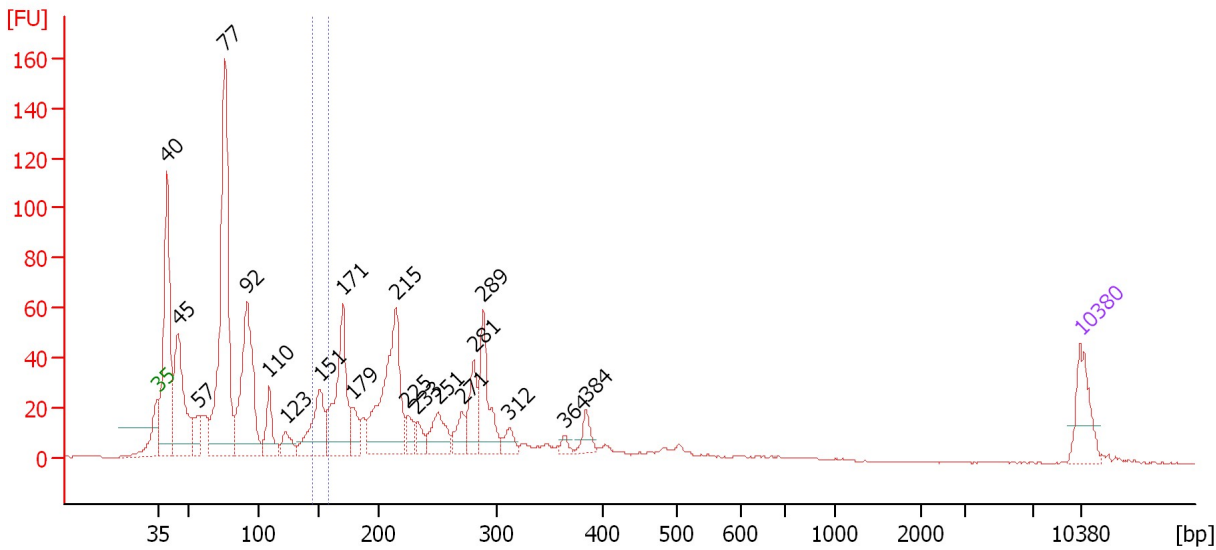
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
143	158	151	1,428.0	141.82	52.6	3	2.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...

EM SAM-2



Overall Results for sample 8 : EM SAM-2

Number of peaks found: 20 Corr. Area 1: 50.3
 Noise: 0.2

Peak table for sample 8 : EM SAM-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	40	510.36	19,542.7	
3	45	311.26	10,468.5	
4	57	66.77	1,767.3	
5	77	760.97	15,028.1	
6	92	417.88	6,859.6	
7	110	96.92	1,339.1	
8	123	47.85	588.2	
9	151	167.05	1,671.5	
10	171	276.55	2,454.6	
11	179	58.52	495.8	
12	215	380.00	2,677.9	
13	225	42.18	284.3	
14	233	30.15	196.1	
15	251	90.49	546.6	
16	271	50.56	282.9	
17	281	93.23	503.5	
18	289	159.18	835.2	
19	312	31.54	153.1	
20	364	13.87	57.7	
21	384	35.12	138.5	
22	10,380	75.00	10.9	Upper Marker

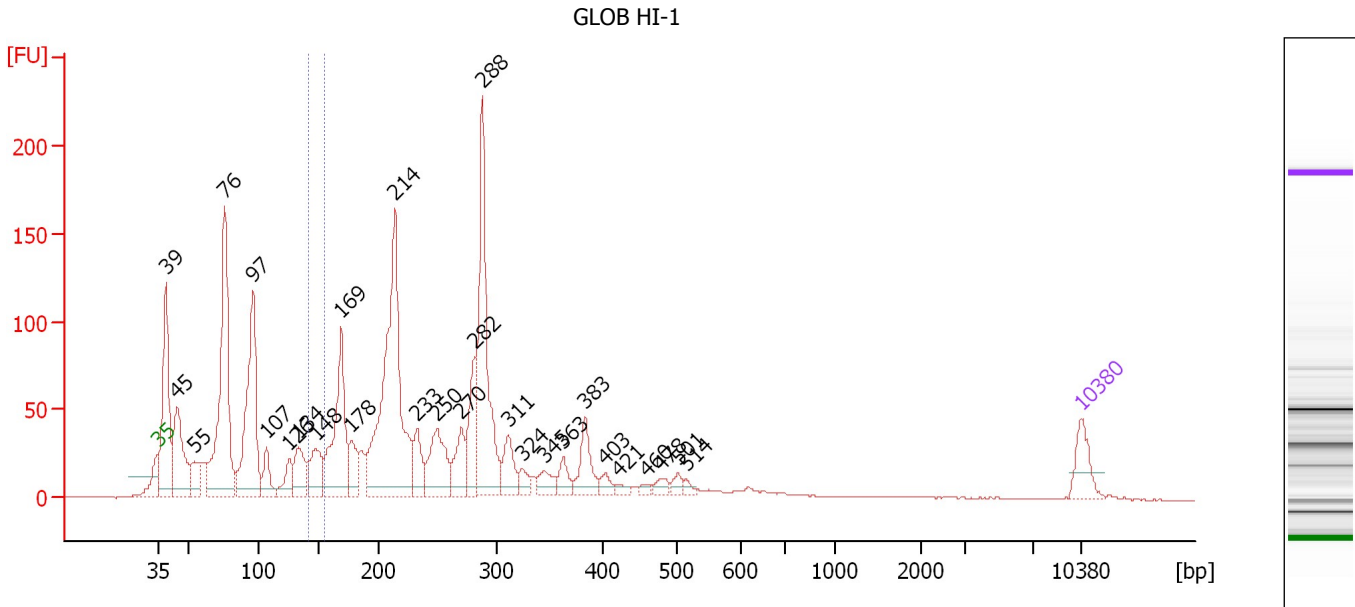
Region table for sample 8 : EM SAM-2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
146	159	152	1,407.7	141.12	50.3	3	2.4	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : GLOB HI-1

Number of peaks found: 28 Corr. Area 1: 57.0
 Noise: 0.1

Peak table for sample 9 : GLOB HI-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	542.30	20,922.4	
3	45	347.07	11,747.6	
4	55	96.70	2,657.3	
5	76	861.21	17,083.0	
6	97	629.71	9,860.0	
7	107	99.28	1,401.5	
8	126	88.11	1,059.8	
9	134	146.23	1,659.2	
10	148	153.98	1,574.8	
11	169	442.73	3,957.7	
12	178	107.88	920.2	
13	214	1,008.80	7,129.9	
14	233	116.75	759.7	
15	250	219.28	1,330.1	
16	270	130.44	731.2	
17	282	176.77	951.1	
18	288	591.88	3,116.4	
19	311	109.92	535.5	
20	324	45.52	212.8	
21	345	57.54	252.8	
22	363	52.93	221.1	
23	383	119.30	471.6	
24	403	31.15	117.1	
25	421	17.38	62.5	
26	460	15.79	52.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...

... Peak table for sample 9 : GLOB HI-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	478	28.32	89.7	
28	501	25.88	78.2	
29	514	14.77	43.5	
30	10,380	75.00	10.9	Upper Marker

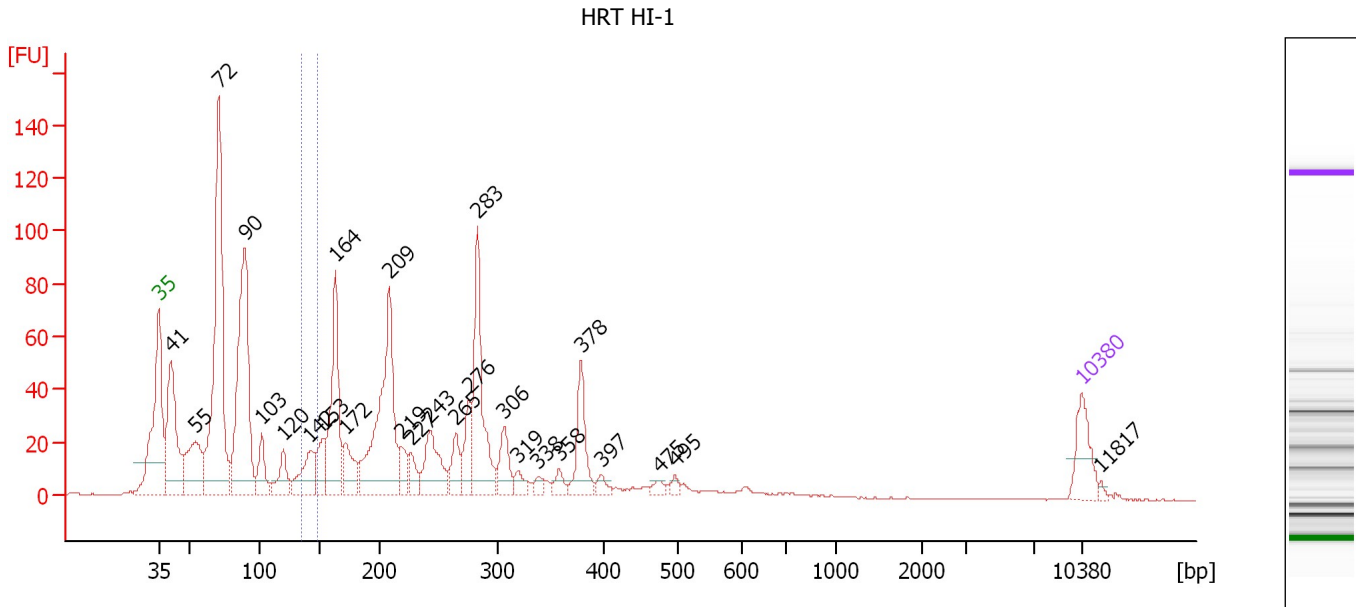
Region table for sample 9 : GLOB HI-1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
142	155	148	1,695.4	165.83	57.0	2	2.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : HRT HI-1

Number of peaks found: 26 Corr. Area 1: 34.2
 Noise: 0.3

Peak table for sample 10 : HRT HI-1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	369.52	13,602.7	
3	55	212.68	5,865.0	
4	72	844.11	17,868.3	
5	90	664.21	11,187.1	
6	103	90.99	1,344.0	
7	120	81.24	1,022.5	
8	142	130.54	1,390.5	
9	153	89.28	881.4	
10	164	316.78	2,931.3	
11	172	101.89	895.1	
12	209	498.20	3,611.9	
13	219	55.56	384.7	
14	227	50.67	338.8	
15	243	145.87	908.8	
16	265	73.54	420.6	
17	276	88.92	488.5	
18	283	298.70	1,598.8	
19	306	82.50	408.5	
20	319	28.88	137.3	
21	338	18.93	84.7	
22	358	25.03	105.9	
23	378	126.54	506.8	
24	397	20.11	76.7	
25	475	15.83	50.5	
26	495	13.36	40.9	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...**... Peak table for sample 10 : HRT HI-1**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	11,817	0.00	0.0	

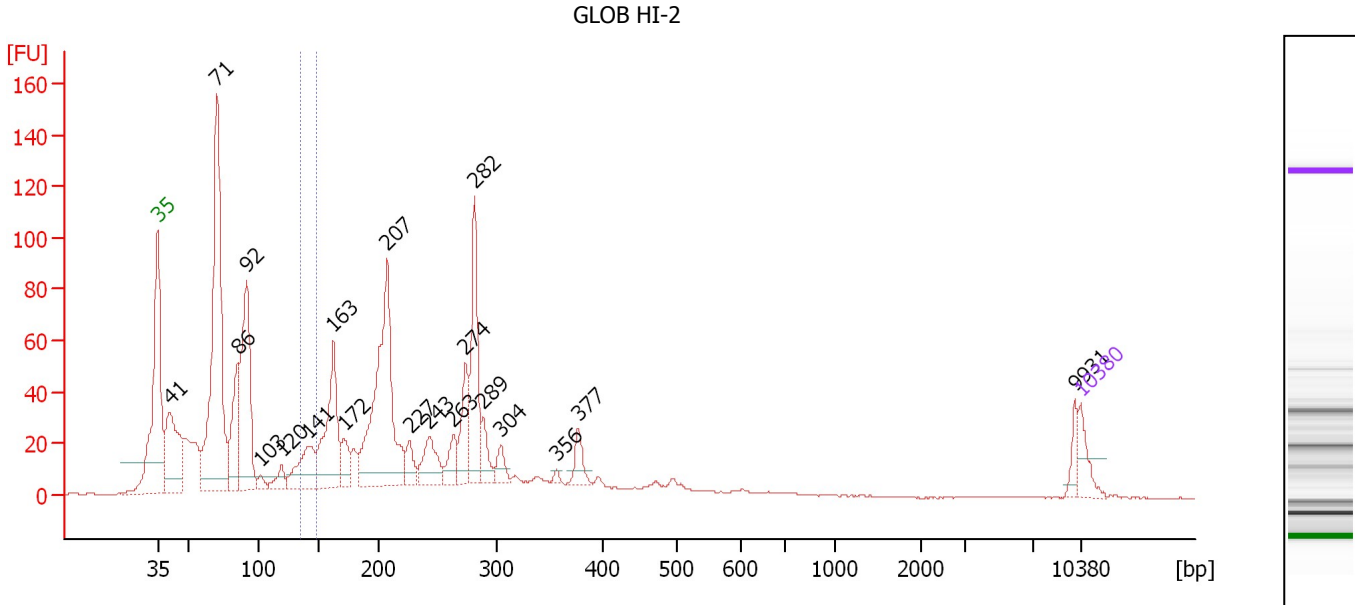
Region table for sample 10 : HRT HI-1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
136	149	142	1,224.1	115.01	34.2	2	2.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : GLOB HI-2

Number of peaks found: 20 Corr. Area 1: 39.6
 Noise: 0.2

Peak table for sample 11 : GLOB HI-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	529.92	19,507.3	
3	71	1,526.95	32,521.9	
4	86	371.40	6,575.2	
5	92	749.17	12,318.3	
6	103	41.10	607.2	
7	120	73.62	930.6	
8	141	257.37	2,761.1	
9	163	514.96	4,795.3	
10	172	124.42	1,096.3	
11	207	1,028.38	7,511.5	
12	227	89.77	600.2	
13	243	178.36	1,111.3	
14	263	103.45	595.1	
15	274	213.63	1,182.5	
16	282	418.00	2,249.8	
17	289	93.08	488.4	
18	304	68.87	343.0	
19	356	14.61	62.1	
20	377	82.16	330.5	
21	9,931	49.85	7.6	
22	10,380	75.00	10.9	Upper Marker

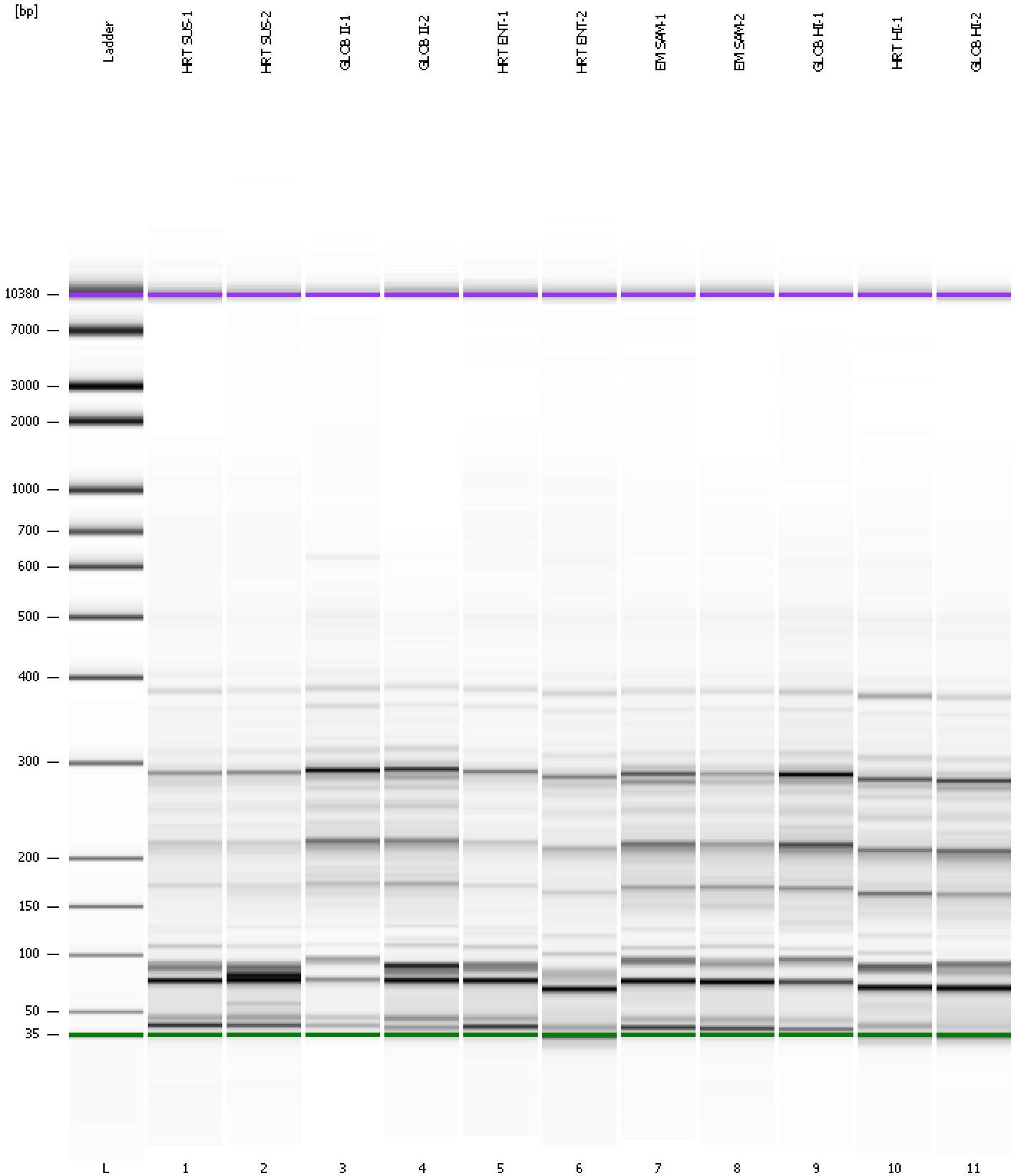
Region table for sample 11 : GLOB HI-2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
135	148	142	2,332.1	217.86	39.6	3	2.7	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
Modified: 2/5/2013 11:52:31 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad

Created: 2/5/2013 11:01:47 AM
 Modified: 2/5/2013 11:52:31 AM

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		2/5/2013 11:43:03 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-02-05\2013-02-05_003.xad)		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		2/5/2013 11:01:47 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1