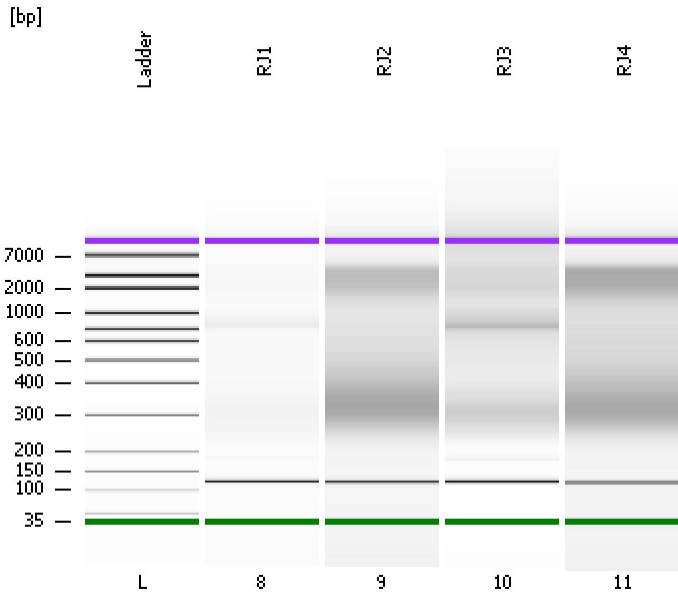


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
Modified: 5/3/2014 11:14:13 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

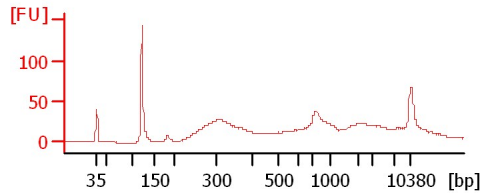
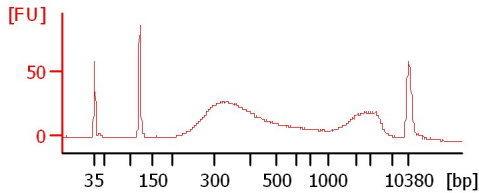
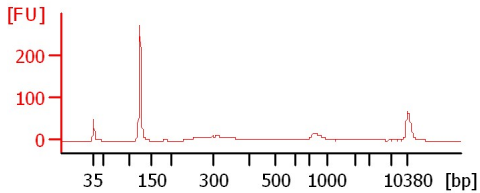
Chip Information:

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

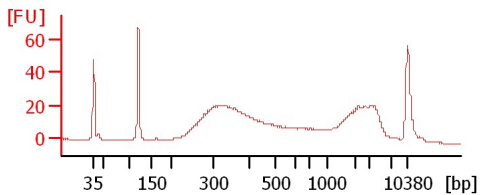
RJ1

RJ2

RJ3



RJ4



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
 Modified: 5/3/2014 11:14:13 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RJ1		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
RJ2		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
RJ3		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
RJ4		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Ladder		<input type="checkbox"/>	<input checked="" type="checkbox"/>			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
 Modified: 5/3/2014 11:14:13 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

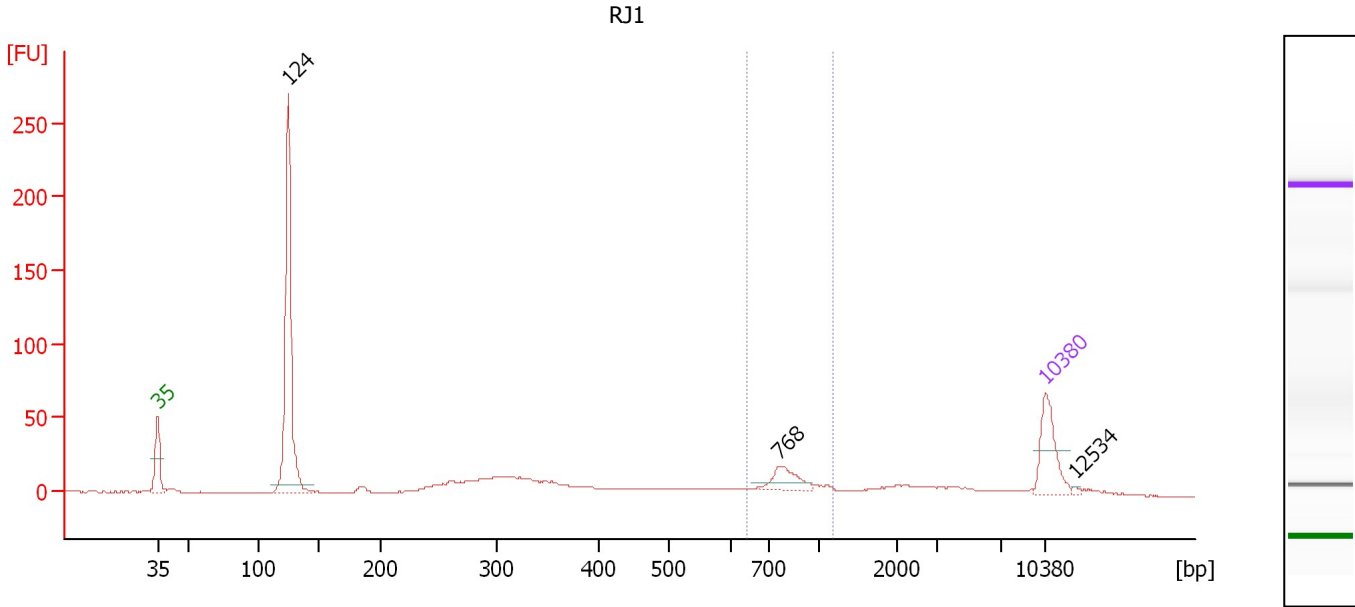
Ladder

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:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
 Modified: 5/3/2014 11:14:13 AM

Electropherogram Summary



Overall Results for sample 8 : RJ1

Number of peaks found: 3 Corr. Area 1: 75.8
 Noise: 0.2

Peak table for sample 8 : RJ1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	124	486.14	5,927.4	
3	768	47.54	93.8	
4	10,380	75.00	10.9	Upper Marker
5	12,534	0.00	0.0	

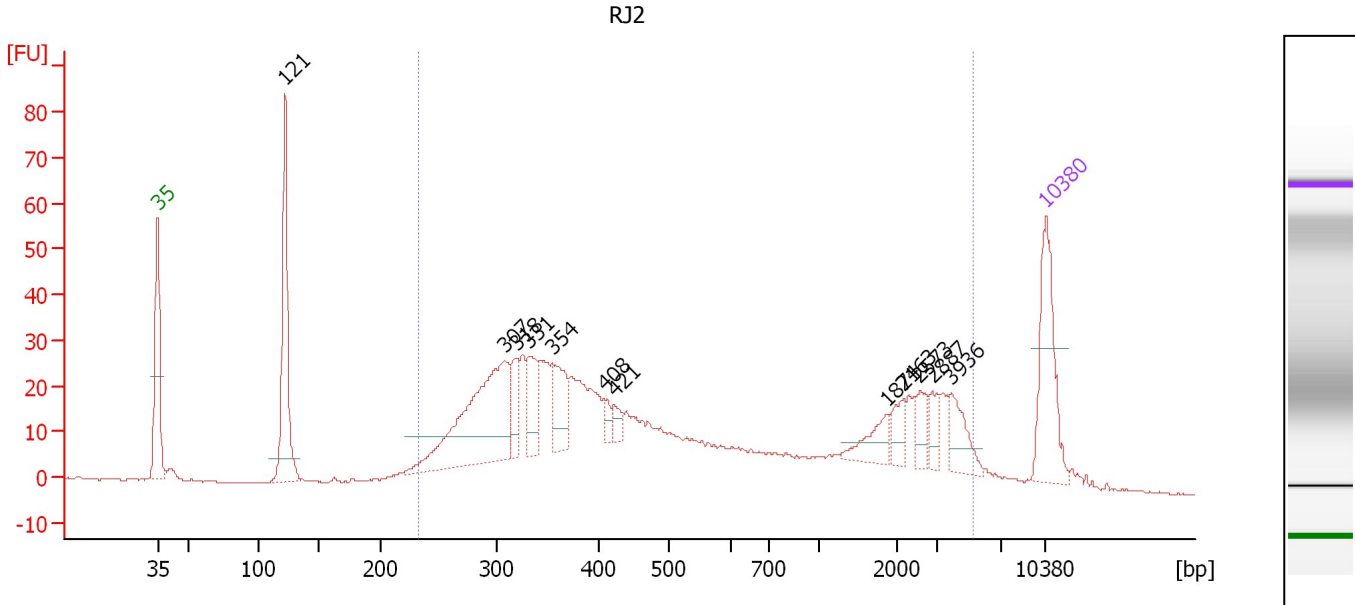
Region table for sample 8 : RJ1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
645	1,174	836	161.8	87.56	75.8	11	14.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
 Modified: 5/3/2014 11:14:13 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : RJ2

Number of peaks found: 12 Corr. Area 1: 823.9
 Noise: 0.2

Peak table for sample 9 : RJ2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	121	186.47	2,326.2	
3	307	228.25	1,125.2	
4	318	36.98	176.0	
5	331	45.84	209.9	
6	354	52.74	225.5	
7	408	11.73	43.5	
8	421	12.97	46.6	
9	1,874	25.35	20.5	
10	2,163	16.92	11.8	
11	2,573	17.74	10.4	
12	2,887	16.05	8.4	
13	3,936	31.14	12.0	
14	10,380	75.00	10.9	Upper Marker

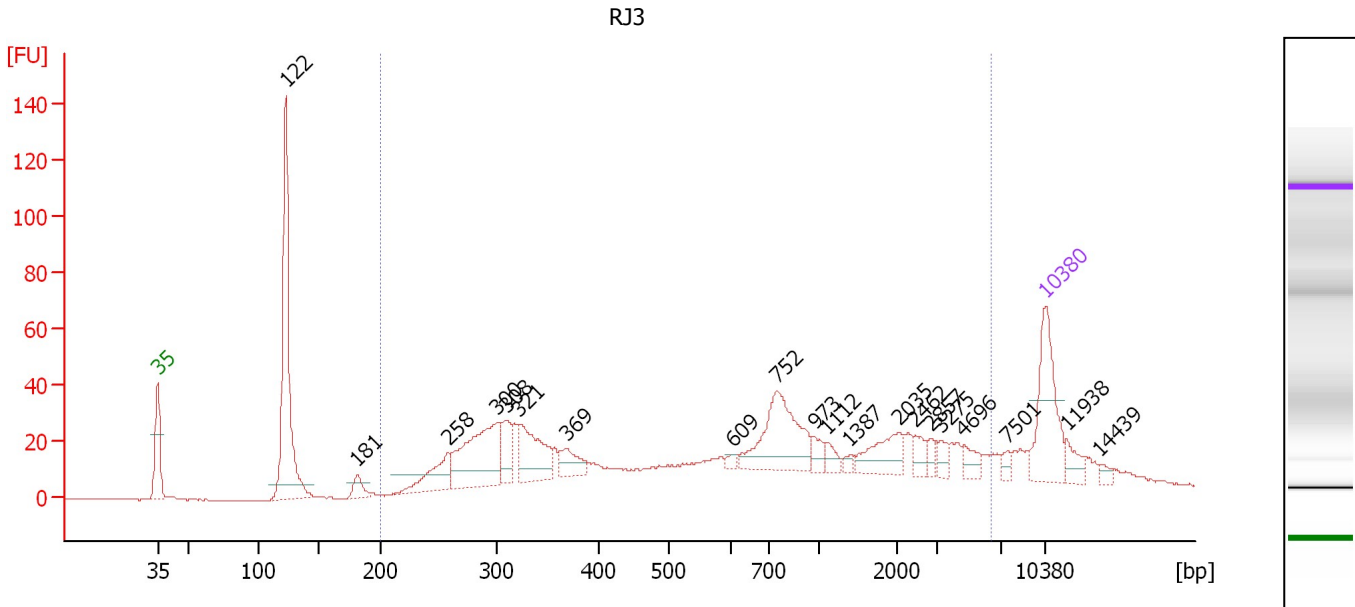
Region table for sample 9 : RJ2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
232	5,319	1,030	4,602.0	1,296.48	823.9	86	100.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
 Modified: 5/3/2014 11:14:13 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : RJ3

Number of peaks found: 20 Corr. Area 1: 938.9
 Noise: 0.2

Peak table for sample 10 : RJ3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	122	289.71	3,598.5	
3	181	18.68	155.9	
4	258	57.48	337.8	
5	300	137.77	695.0	
6	308	41.19	202.3	
7	321	78.65	370.7	
8	369	28.88	118.7	
9	609	5.87	14.6	
10	752	114.17	230.0	
11	973	13.11	20.4	
12	1,112	11.72	16.0	
13	1,387	5.54	6.0	
14	2,035	37.51	27.9	
15	2,462	12.50	7.7	
16	2,857	7.68	4.1	
17	3,275	10.64	4.9	
18	4,696	13.54	4.4	
19	7,501	6.85	1.4	
20	10,380	75.00	10.9	Upper Marker
21	11,938	0.00	0.0	
22	14,439	0.00	0.0	

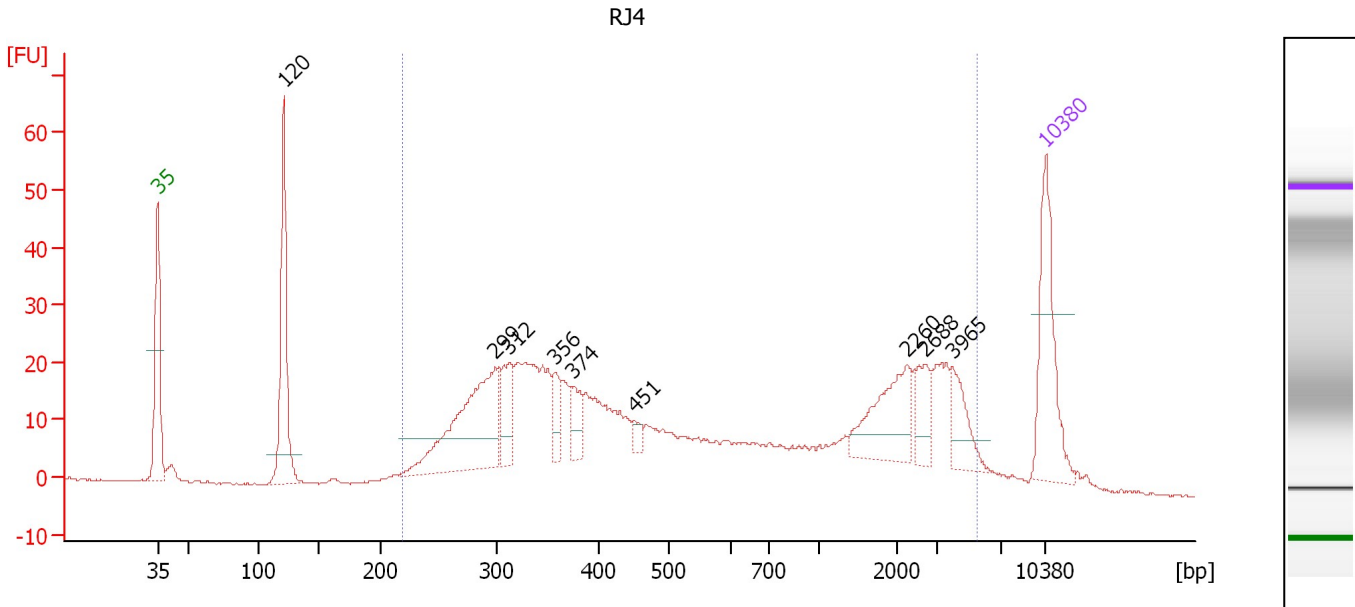
Region table for sample 10 : RJ3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	6,386	1,179	3,753.6	1,147.91	938.9	75	100.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
 Modified: 5/3/2014 11:14:13 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : RJ4

Number of peaks found: 9 Corr. Area 1: 711.0
 Noise: 0.2

Peak table for sample 11 : RJ4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	120	159.64	2,011.3	
3	299	172.97	877.6	
4	312	43.07	209.1	
5	356	26.17	111.3	
6	374	24.31	98.5	
7	451	9.54	32.0	
8	2,260	63.20	42.4	
9	2,688	26.14	14.7	
10	3,965	31.31	12.0	
11	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : RJ4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
220	5,582	1,166	3,881.8	1,141.74	711.0	88	100.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2014-05-02\2014-05-02_005_RJ1_RJ4.xad

Created: 5/2/2014 1:14:46 PM
Modified: 5/3/2014 11:14:13 AM

Gel Image

