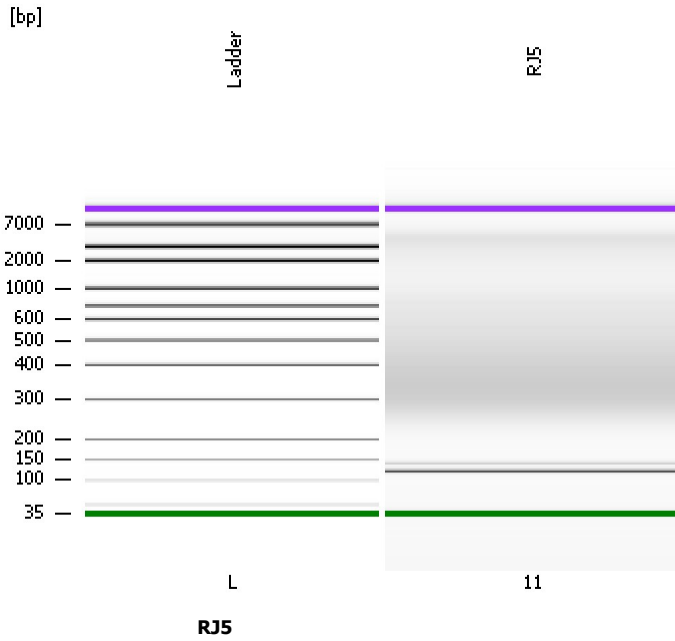


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2100 expert\data\2014-05-03\2014-05-03_001_RJ5.xad

Created: 5/3/2014 9:25:08 AM
Modified: 5/3/2014 11:10:16 AM

Electrophoresis File Run Summary



Instrument Information:

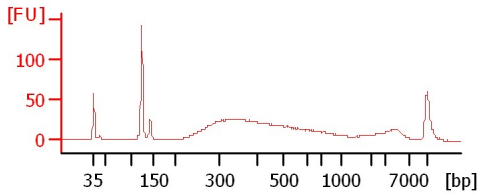
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2100 expert\data\2014-05-03\2014-05-03_001_RJ5.xad

Created: 5/3/2014 9:25:08 AM
Modified: 5/3/2014 11:10:16 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RJ5		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2100 expert\data\2014-05-03\2014-05-03_001_RJ5.xad

Created: 5/3/2014 9:25:08 AM
Modified: 5/3/2014 11:10:16 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

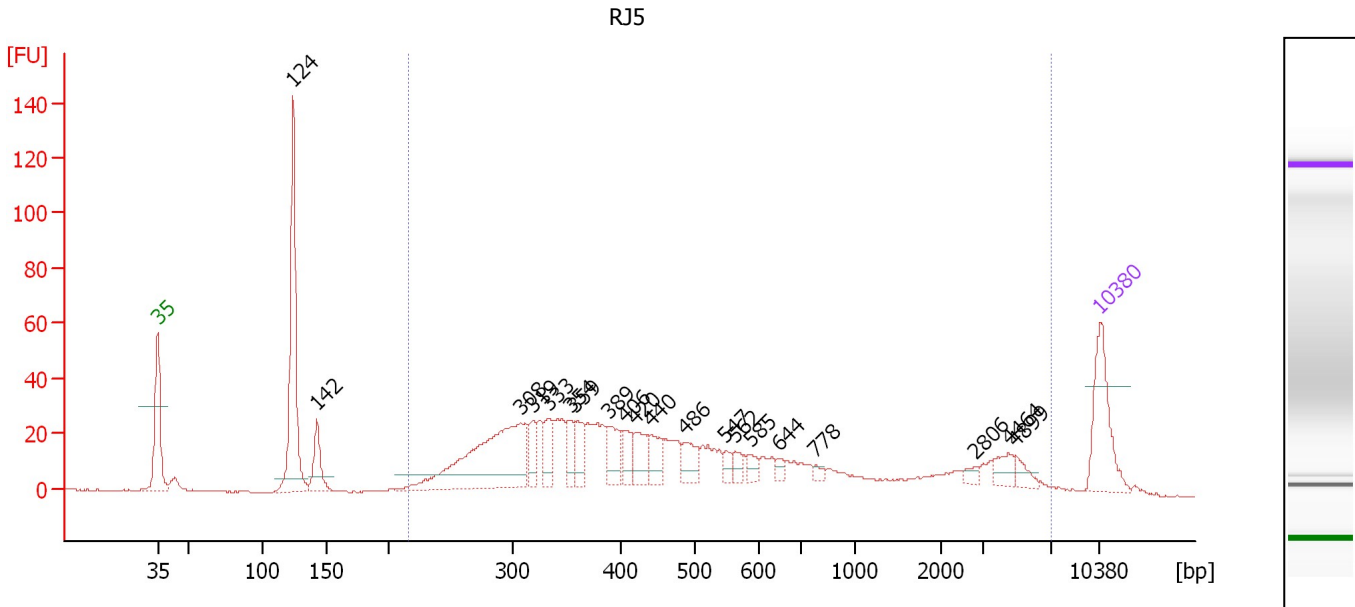
Ladder

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:\...analyzer\2100 expert\data\2014-05-03\2014-05-03_001_RJ5.xad

Created: 5/3/2014 9:25:08 AM
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Electropherogram Summary



Overall Results for sample 11 : RJ5

Number of peaks found: 20 Corr. Area 1: 889.7
 Noise: 0.2

Peak table for sample 11 : RJ5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	124	283.96	3,475.7	
3	142	57.83	615.4	
4	308	269.35	1,325.4	
5	319	33.15	157.3	
6	333	40.46	184.1	
7	354	30.49	130.7	
8	359	38.34	161.9	
9	389	43.69	170.4	
10	406	27.51	102.5	
11	420	39.11	141.0	
12	440	34.11	117.4	
13	486	35.44	110.5	
14	547	11.94	33.1	
15	562	14.14	38.1	
16	585	12.77	33.0	
17	644	8.39	19.7	
18	778	6.02	11.7	
19	2,806	7.31	3.9	
20	4,464	17.69	6.0	
21	4,899	12.52	3.9	
22	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : RJ5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
216	6,998	947	4,783.7	1,313.10	889.7	82	100.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2100 expert\data\2014-05-03\2014-05-03_001_RJ5.xad

Created: 5/3/2014 9:25:08 AM
Modified: 5/3/2014 11:10:16 AM

Gel Image

