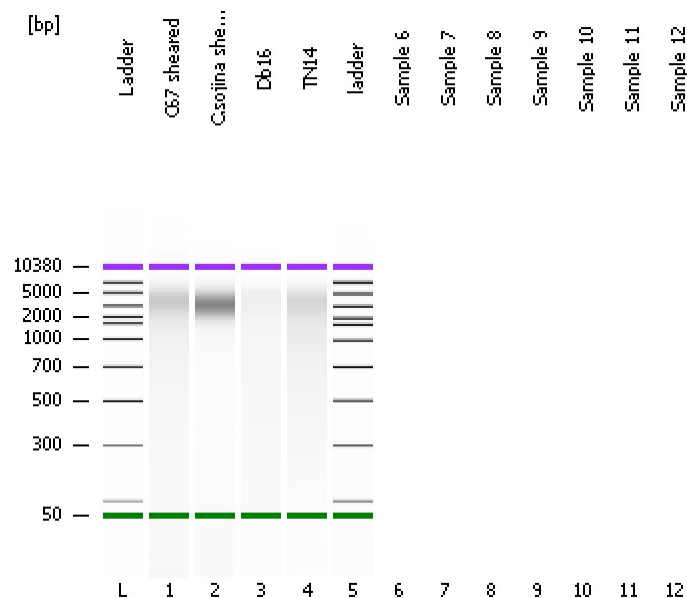


Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-11-30_13-18-46.xad

Created: 11/30/2010 1:18:46 PM
Modified: 11/30/2010 1:38:31 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby Firmware: C.01.069
Serial#: DE24802235 Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 7500 Series II.xsy

Assay Class: DNA 7500

Version: 2.3

Assay Comments: DNA Analysis 100 -7500 bp

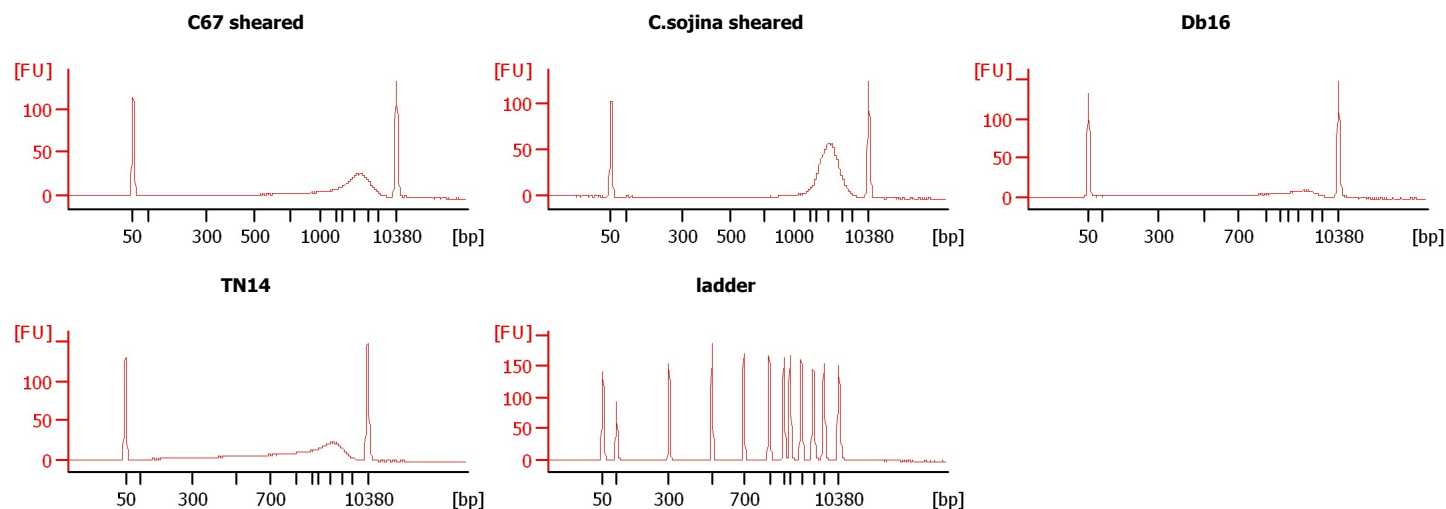
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-11-30_13-18-46.xad

Created: 11/30/2010 1:18:46 PM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
C67 sheared		☐		✓		
C.sojina sheared		☐		✓		
Db16		☐		✓		
TN14		☐		✓		
ladder		☐		✓		
Sample 6		☐				
Sample 7		☐				
Sample 8		☐				
Sample 9		☐				
Sample 10		☐				
Sample 11		☐				
Sample 12		☐				

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

Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-11-30_13-18-46.xad

Created: 11/30/2010 1:18:46 PM
Modified: 11/30/2010 1:38:31 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 94
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 93.95
Ladder Concentration [ng/μl] : 40
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 8.3
Upper Marker Concentration [ng/μl] : 4.2
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] : 20
Integration End Time [s] : 93.95
Slope Threshold : 0.8
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

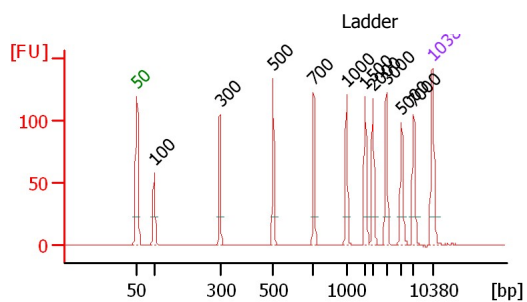
Ladder

Ladder Peak	Size	Area
1	50	120
2	100	47
3	300	63
4	500	81
5	700	85
6	1000	93
7	1500	101
8	2000	101
9	3000	106
10	5000	108
11	7000	109
12	10380	107

Assay Class: DNA 7500
 Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-11-30_13-18-46.xad

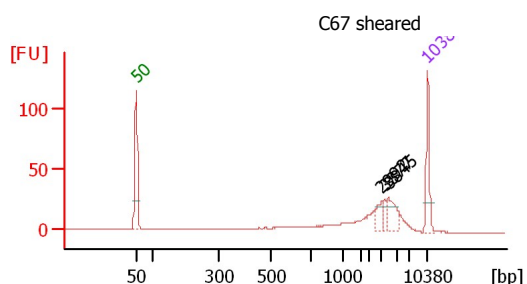
Created: 11/30/2010 1:18:46 PM
 Modified: 11/30/2010 1:38:31 PM

Electropherogram Summary



Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	100	4.00	60.6	Ladder Peak
3	300	4.00	20.2	Ladder Peak
4	500	4.00	12.1	Ladder Peak
5	700	4.00	8.7	Ladder Peak
6	1,000	4.00	6.1	Ladder Peak
7	1,500	4.00	4.0	Ladder Peak
8	2,000	4.00	3.0	Ladder Peak
9	3,000	4.00	2.0	Ladder Peak
10	5,000	4.00	1.2	Ladder Peak
11	7,000	4.00	0.9	Ladder Peak
12	10,380	4.20	0.6	Upper Marker

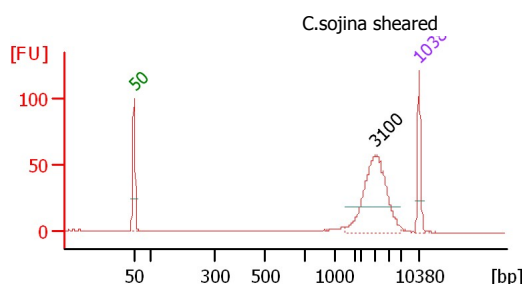


Overall Results for sample 1 : C67 sheared

Number of peaks found: 3

Peak table for sample 1 : C67 sheared

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	2,992	1.31	0.7	
3	3,377	0.70	0.3	
4	3,845	2.51	1.0	
5	10,380	4.20	0.6	Upper Marker



Overall Results for sample 2 : C.sojina sheared

Number of peaks found: 1

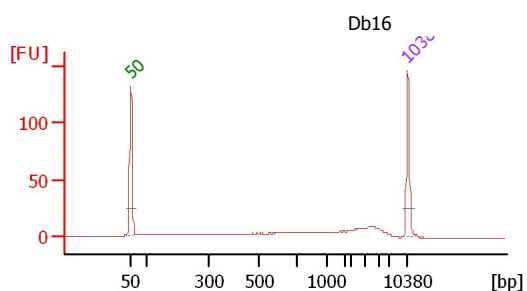
Peak table for sample 2 : C.sojina sheared

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	3,100	15.06	7.4	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-11-30_13-18-46.xad

Created: 11/30/2010 1:18:46 PM
 Modified: 11/30/2010 1:38:31 PM

Electropherogram Summary Continued ...

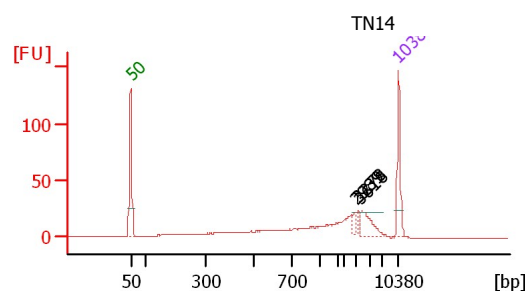


Overall Results for sample 3 : Db16

Number of peaks found: 0

Peak table for sample 3 : Db16

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,380	4.20	0.6	Upper Marker

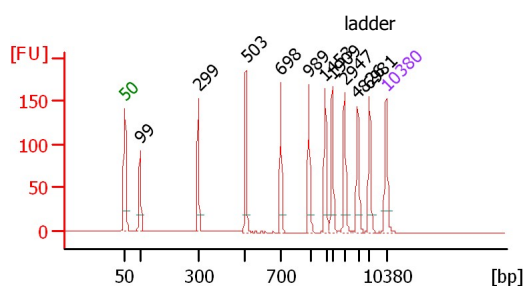


Overall Results for sample 4 : TN14

Number of peaks found: 3

Peak table for sample 4 : TN14

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	2,989	0.69	0.4	
3	3,278	0.54	0.3	
4	3,618	2.24	0.9	
5	10,380	4.20	0.6	Upper Marker



Overall Results for sample 5 : ladder

Number of peaks found: 10

Peak table for sample 5 : ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	99	3.85	59.1	
3	299	3.84	19.4	
4	503	3.75	11.3	
5	698	3.63	7.9	
6	989	3.62	5.5	
7	1,453	3.53	3.7	
8	1,909	3.50	2.8	
9	2,947	3.40	1.8	
10	4,826	3.47	1.1	
11	6,981	3.51	0.8	
12	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-11-30_13-18-46.xad

Created: 11/30/2010 1:18:46 PM
Modified: 11/30/2010 1:38:31 PM

Gel Image