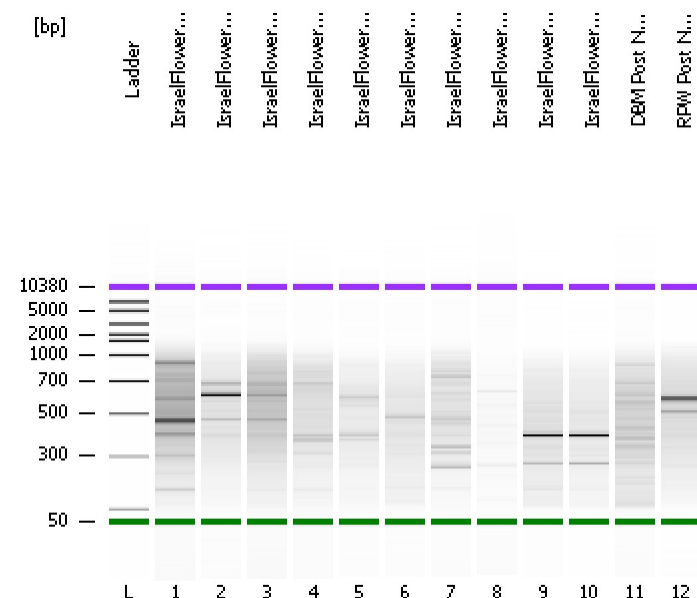


Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
Modified: 8/30/2010 5:38:51 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
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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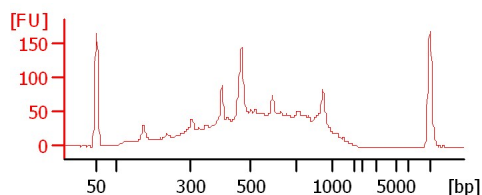
Chip Information:

Chip Lot #:

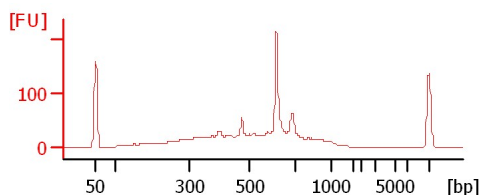
Reagent Kit Lot #:

Chip Comments:

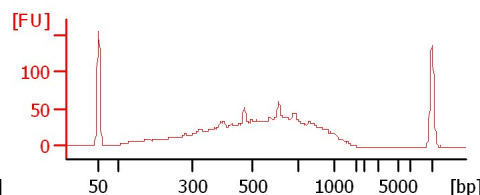
IsraelFlower1 Post Nebulization



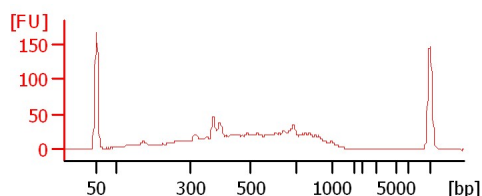
IsraelFlower2 Post Nebulization



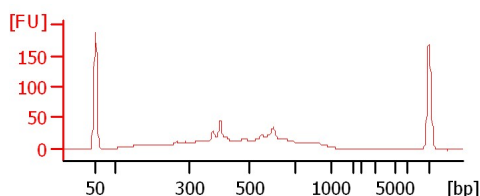
IsraelFlower3 Post Nebulization



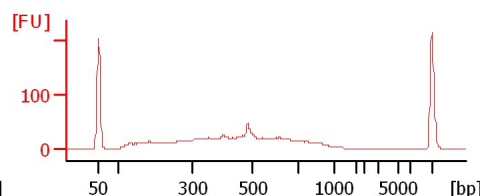
IsraelFlower4 Post Nebulization



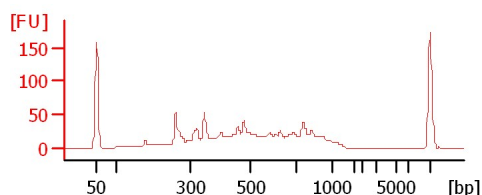
IsraelFlower5 Post Nebulization



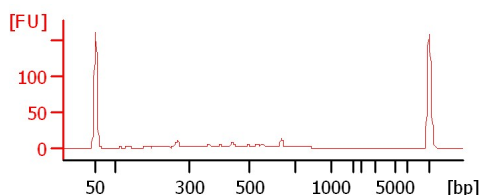
IsraelFlower6 Post Nebulization



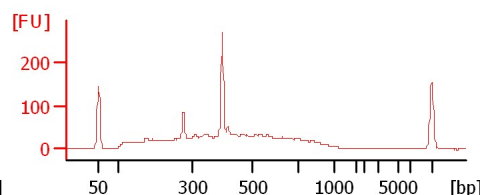
IsraelFlower7 Post Nebulization



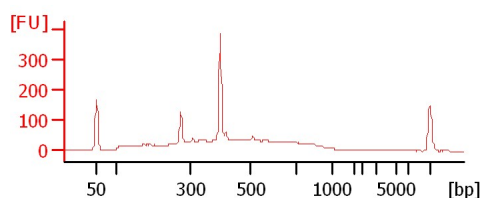
IsraelFlower8 Post Nebulization



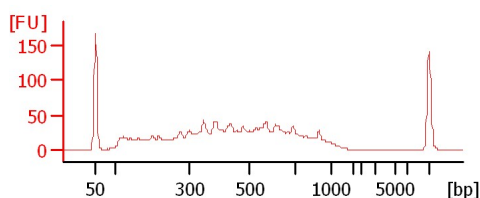
IsraelFlower9 Post Nebulization



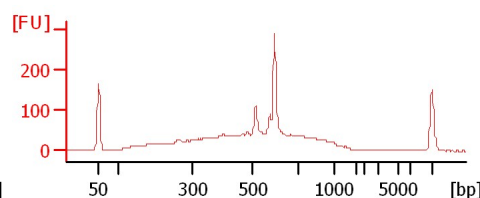
IsraelFlower10 Post Nebulization



DBM Post Nebulization



RPW Post Nebulization



Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
Modified: 8/30/2010 5:38:51 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
IsraelFlower1 Post Nebulization		☐	✓			
IsraelFlower2 Post Nebulization		☐	✓			
IsraelFlower3 Post Nebulization		☐	✓			
IsraelFlower4 Post Nebulization		☐	✓			
IsraelFlower5 Post Nebulization		☐	✓			
IsraelFlower6 Post Nebulization		☐	✓			
IsraelFlower7 Post Nebulization		☐	✓			
IsraelFlower8 Post Nebulization		☐	✓			
IsraelFlower9 Post Nebulization		☐	✓			
IsraelFlower10 Post Nebulization		☐	✓			
DBM Post Nebulization		☐	✓			
RPW Post Nebulization		☐	✓			

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

Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
Modified: 8/30/2010 5:38:51 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

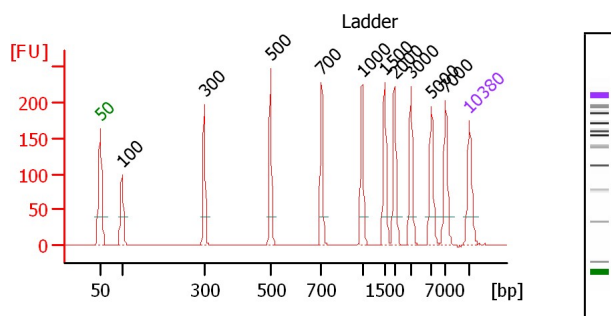
Ladder

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_2010-08-30_16-31-09.xad

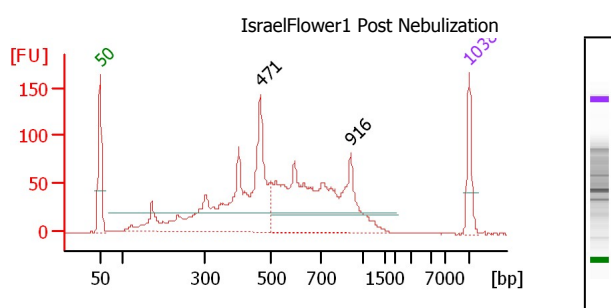
Created: 8/30/2010 4:31:09 PM
 Modified: 8/30/2010 5:38:51 PM

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

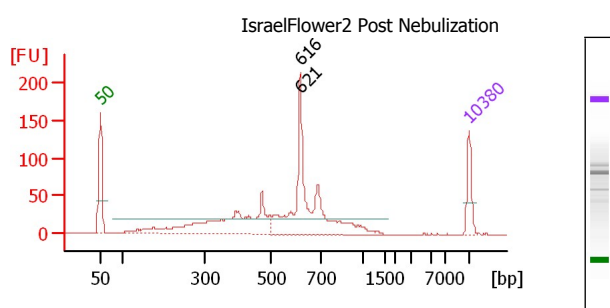


Overall Results for sample 1 : IsraelFlower1 Post Nebulization

Number of peaks found: 2

Peak table for sample 1 : IsraelFlower1 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	471	52.70	169.6	
3	916	23.86	39.5	
4	10,380	4.20	0.6	Upper Marker



Overall Results for sample 2 : IsraelFlower2 Post Nebulization

Number of peaks found: 2

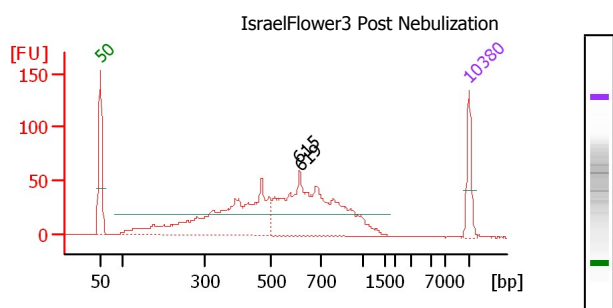
Peak table for sample 2 : IsraelFlower2 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	616	35.95	88.4	
3	621	21.50	52.5	
4	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
 Modified: 8/30/2010 5:38:51 PM

Electropherogram Summary Continued ...

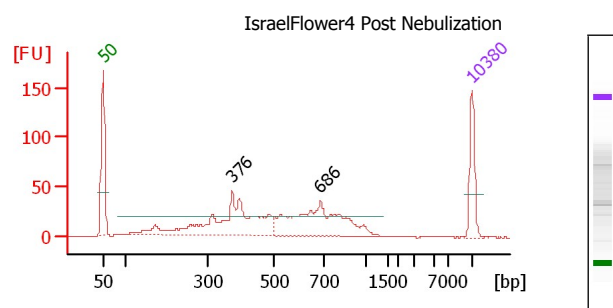


Overall Results for sample 3 : IsraelFlower3 Post Nebulization

Number of peaks found: 2

Peak table for sample 3 : IsraelFlower3 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	615	42.04	103.6	
3	619	23.79	58.2	
4	10,380	4.20	0.6	Upper Marker

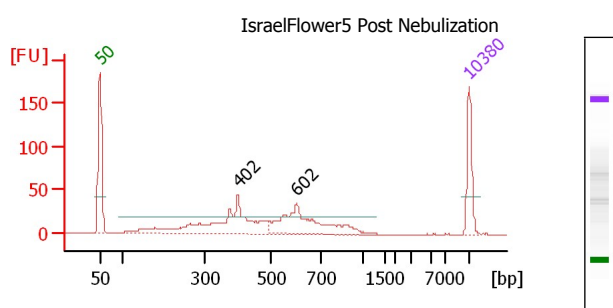


Overall Results for sample 4 : IsraelFlower4 Post Nebulization

Number of peaks found: 2

Peak table for sample 4 : IsraelFlower4 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	376	27.41	110.5	
3	686	11.29	25.0	
4	10,380	4.20	0.6	Upper Marker

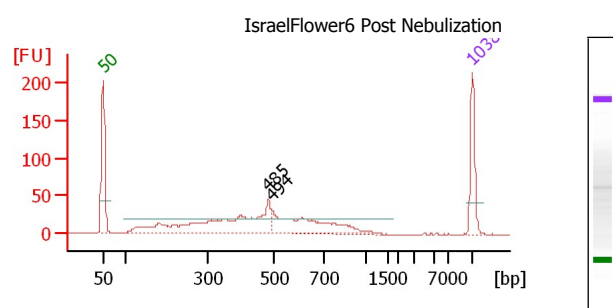


Overall Results for sample 5 : IsraelFlower5 Post Nebulization

Number of peaks found: 2

Peak table for sample 5 : IsraelFlower5 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	402	18.06	68.0	
3	602	7.39	18.6	
4	10,380	4.20	0.6	Upper Marker



Overall Results for sample 6 : IsraelFlower6 Post Nebulization

Number of peaks found: 2

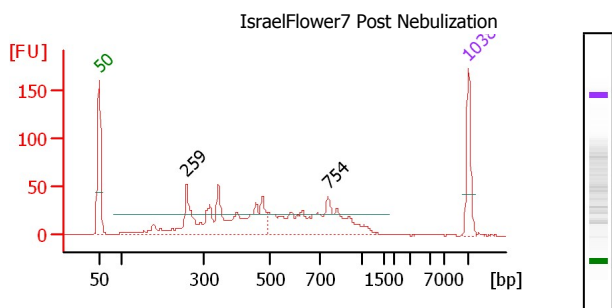
Peak table for sample 6 : IsraelFlower6 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	485	17.75	55.5	
3	494	7.34	22.5	
4	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
 Modified: 8/30/2010 5:38:51 PM

Electropherogram Summary Continued ...

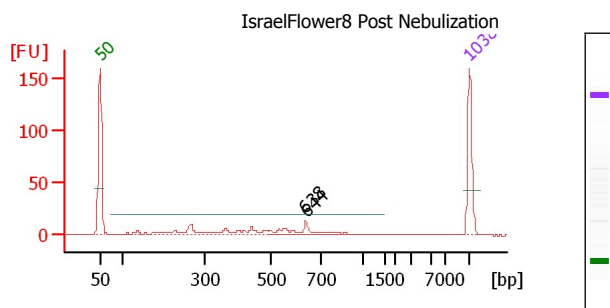


Overall Results for sample 7 : IsraelFlower7 Post Nebulization

Number of peaks found: 2

Peak table for sample 7 : IsraelFlower7 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	259	33.63	196.3	
3	754	11.41	22.9	
4	10,380	4.20	0.6	Upper Marker

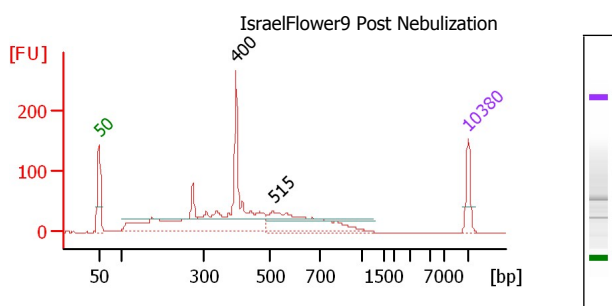


Overall Results for sample 8 : IsraelFlower8 Post Nebulization

Number of peaks found: 2

Peak table for sample 8 : IsraelFlower8 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	638	3.71	8.8	
3	644	1.56	3.7	
4	10,380	4.20	0.6	Upper Marker

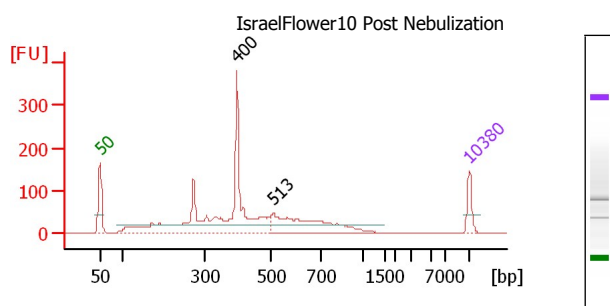


Overall Results for sample 9 : IsraelFlower9 Post Nebulization

Number of peaks found: 2

Peak table for sample 9 : IsraelFlower9 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	400	46.69	176.9	
3	515	13.74	40.5	
4	10,380	4.20	0.6	Upper Marker



Overall Results for sample 10 : IsraelFlower10 Post Nebulization

Number of peaks found: 2

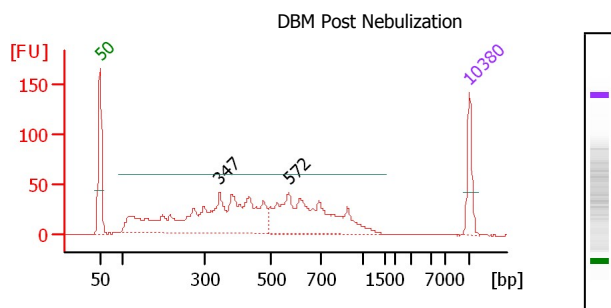
Peak table for sample 10 : IsraelFlower10 Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	400	57.65	218.5	
3	513	16.12	47.6	
4	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
 Modified: 8/30/2010 5:38:51 PM

Electropherogram Summary Continued ...

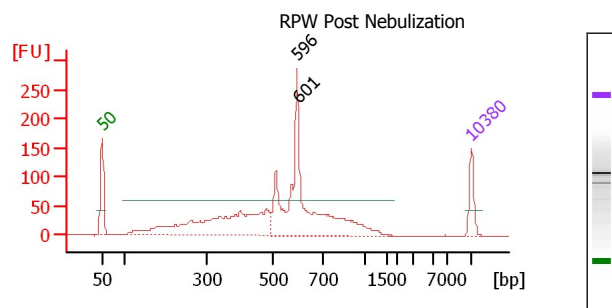


Overall Results for sample 11 : DBM Post Nebulization

Number of peaks found: 2

Peak table for sample 11 : DBM Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	347	45.48	198.7	
3	572	16.08	42.6	
4	10,380	4.20	0.6	Upper Marker



Overall Results for sample 12 : RPW Post Nebulization

Number of peaks found: 2

Peak table for sample 12 : RPW Post Nebulization

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	596	52.00	132.2	
3	601	31.16	78.5	
4	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-30\2100 expert_DNA 7500_DE24802235_2010-08-30_16-31-09.xad

Created: 8/30/2010 4:31:09 PM
Modified: 8/30/2010 5:38:51 PM

Gel Image