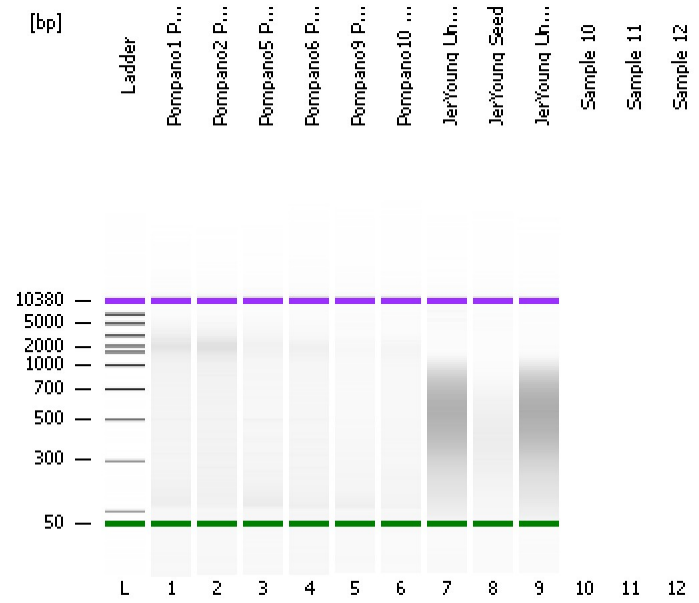
Assay Class: DNA 7500
Data Path: D:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad

Created: 8/11/2010 5:32:05 PM
Modified: 8/12/2010 11:52:02 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

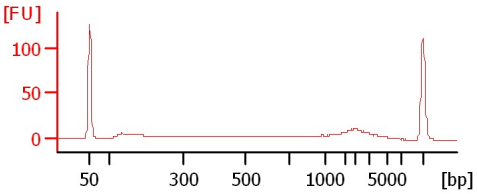
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 7500 Series II.xsy

Assay Class: DNA 7500
Version: 2.3
Assay Comments: DNA Analysis 100 -7500 bp

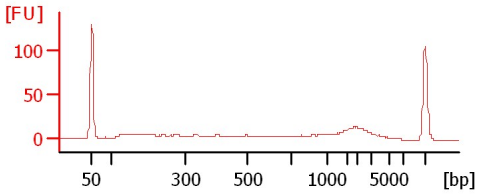
Chip Information:

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

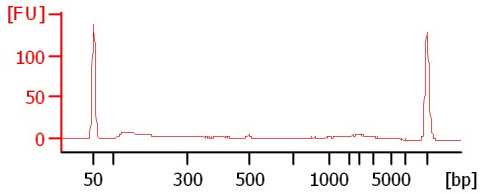
Pompano1 Post 15+3+2 cDNA amp



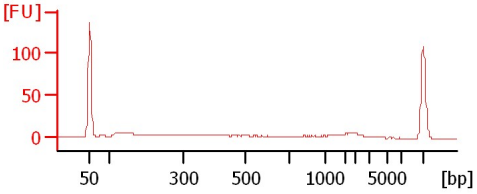
Pompano2 Post 15+3+2 cDNA amp



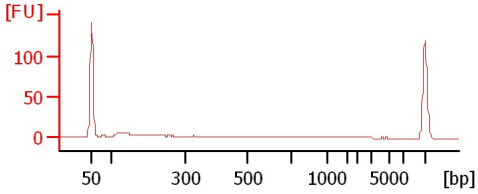
Pompano5 Post 15+3+2 cDNA amp



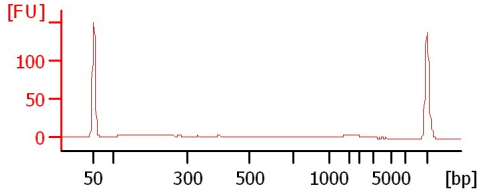
Pompano6 Post 15+3+2 cDNA amp



Pompano9 Post 15+3+2 cDNA amp

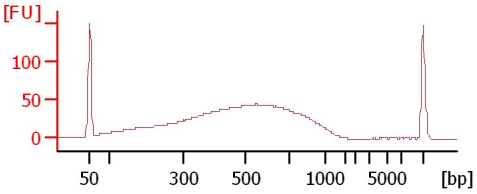


Pompano10 Post 15+3+2 cDNA amp



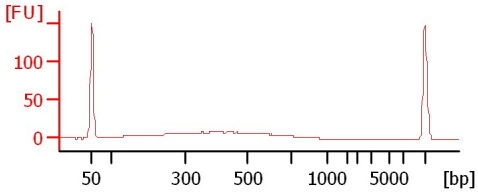
JerYoung Un-ino RH

1ul undiluted



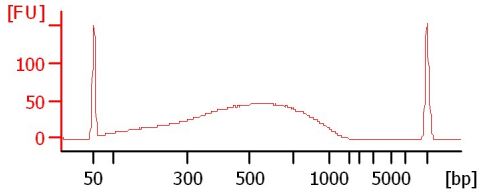
JerYoung Seed

1ul undiluted



JerYoung Un-ino RH

1ul undiluted



Assay Class: DNA 7500 Created: 8/11/2010 5:32:05 PM
Data Path: D:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad Modified: 8/12/2010 11:52:02 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Pompano1 Post 15+3+2 cDNA amp		☐	✔			
Pompano2 Post 15+3+2 cDNA amp		☐	✔			
Pompano5 Post 15+3+2 cDNA amp		☐	✔			
Pompano6 Post 15+3+2 cDNA amp		☐	✔			
Pompano9 Post 15+3+2 cDNA amp		☐	✔			
Pompano10 Post 15+3+2 cDNA amp		☐	✔			
JerYoung Un-ino RH	1ul undiluted	☐	✔			
JerYoung Seed	1ul undiluted	☐	✔			
JerYoung Un-ino RH	1ul undiluted	☐	✔			
Sample 10		☐				
Sample 11		☐				
Sample 12		☐				

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 7500 Created: 8/11/2010 5:32:05 PM
Data Path: D:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad Modified: 8/12/2010 11:52:02 AM

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:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad

Created: 8/11/2010 5:32:05 PM
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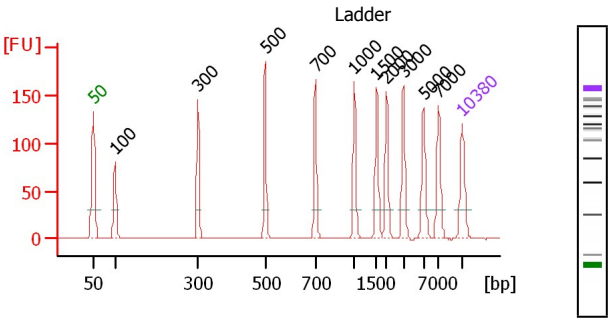
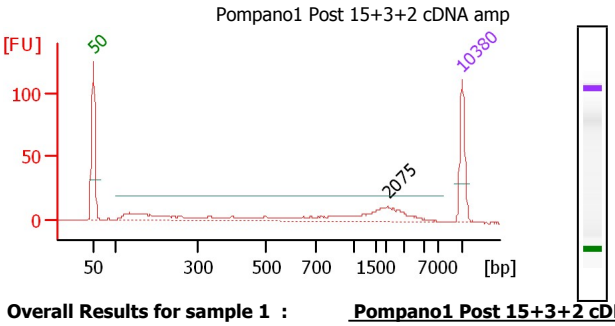
Electropherogram Summary



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

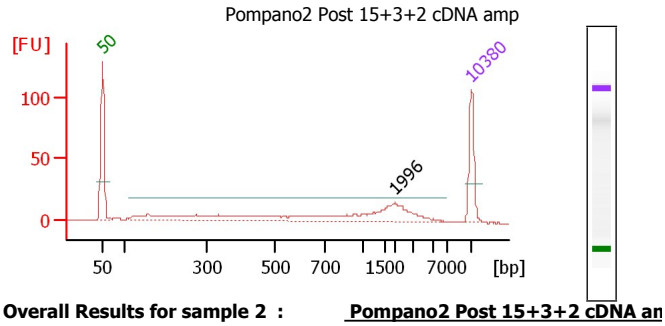


Overall Results for sample 1 : **Pompano1 Post 15+3+2 cDNA an**

Number of peaks found: 1

Peak table for sample 1 : **Pompano1 Post 15+3+2 cDNA amp**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	2,075	8.02	5.9	
3	10,380	4.20	0.6	Upper Marker



Overall Results for sample 2 : **Pompano2 Post 15+3+2 cDNA an**

Number of peaks found: 1

Peak table for sample 2 : **Pompano2 Post 15+3+2 cDNA amp**

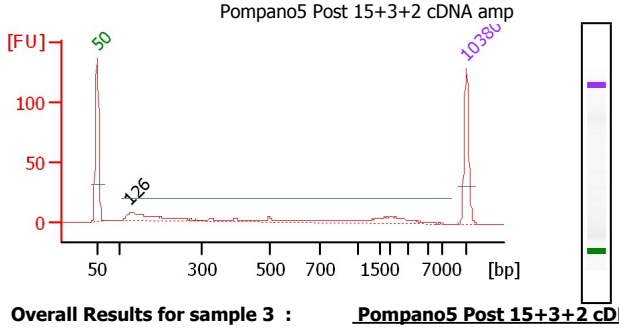
Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,996	9.56	7.3	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad

Created: 8/11/2010 5:32:05 PM
Modified: 8/12/2010 11:52:02 AM

Electropherogram Summary Continued ...

Pompano5 Post 15+3+2 cDNA amp



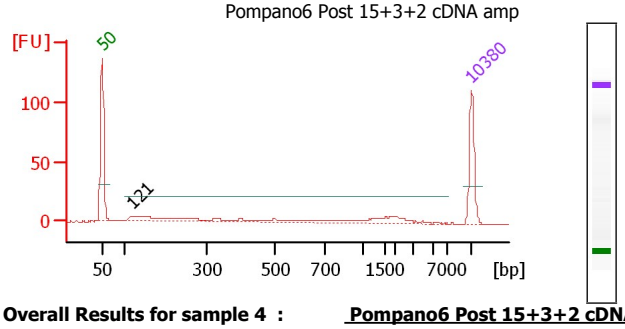
Overall Results for sample 3 : **Pompano5 Post 15+3+2 cDNA an**

Number of peaks found: 1

Peak table for sample 3 : **Pompano5 Post 15+3+2 cDNA amp**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	126	10.62	127.8	
3	10,380	4.20	0.6	Upper Marker

Pompano6 Post 15+3+2 cDNA amp



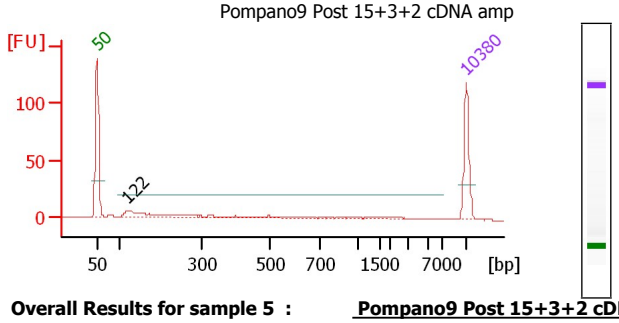
Overall Results for sample 4 : **Pompano6 Post 15+3+2 cDNA an**

Number of peaks found: 1

Peak table for sample 4 : **Pompano6 Post 15+3+2 cDNA amp**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	121	8.53	106.4	
3	10,380	4.20	0.6	Upper Marker

Pompano9 Post 15+3+2 cDNA amp



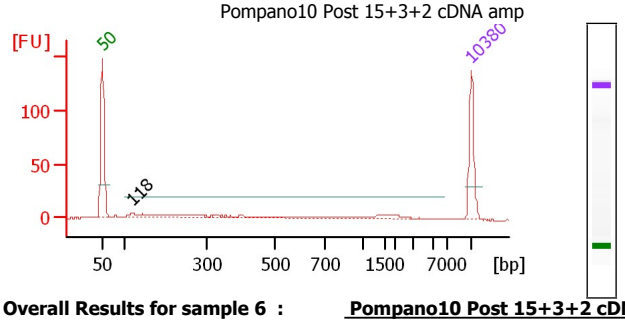
Overall Results for sample 5 : **Pompano9 Post 15+3+2 cDNA an**

Number of peaks found: 1

Peak table for sample 5 : **Pompano9 Post 15+3+2 cDNA amp**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	122	4.79	59.7	
3	10,380	4.20	0.6	Upper Marker

Pompano10 Post 15+3+2 cDNA amp



Overall Results for sample 6 : **Pompano10 Post 15+3+2 cDNA a**

Number of peaks found: 1

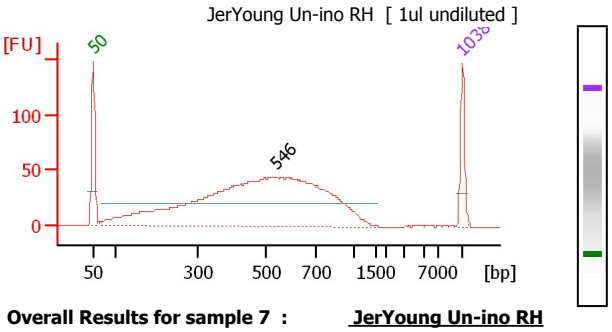
Peak table for sample 6 : **Pompano10 Post 15+3+2 cDNA amp**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	118	7.78	99.8	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad

Created: 8/11/2010 5:32:05 PM
Modified: 8/12/2010 11:52:02 AM

Electropherogram Summary Continued ...

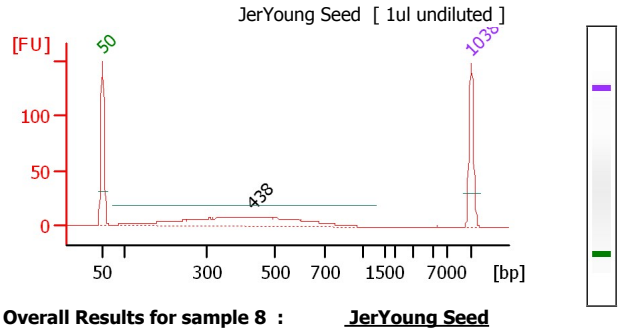


Overall Results for sample 7 : **JerYoung Un-ino RH**

Number of peaks found: 1

Peak table for sample 7 : **JerYoung Un-ino RH**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	546	49.67	137.9	
3	10,380	4.20	0.6	Upper Marker

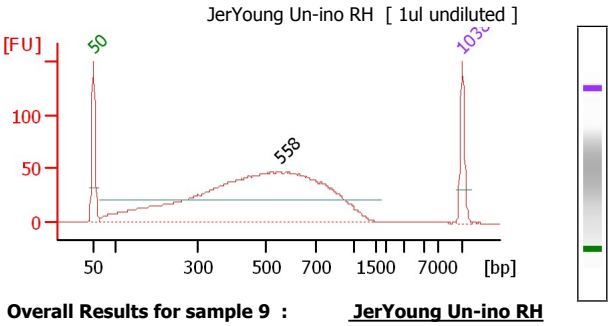


Overall Results for sample 8 : **JerYoung Seed**

Number of peaks found: 1

Peak table for sample 8 : **JerYoung Seed**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	438	9.26	32.0	
3	10,380	4.20	0.6	Upper Marker



Overall Results for sample 9 : **JerYoung Un-ino RH**

Number of peaks found: 1

Peak table for sample 9 : **JerYoung Un-ino RH**

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	558	49.21	133.7	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500 Created: 8/11/2010 5:32:05 PM
Data Path: D:\...-11\2100 expert_DNA 7500_DE24802235_2010-08-11_17-32-05.xad Modified: 8/12/2010 11:52:02 AM

Gel Image