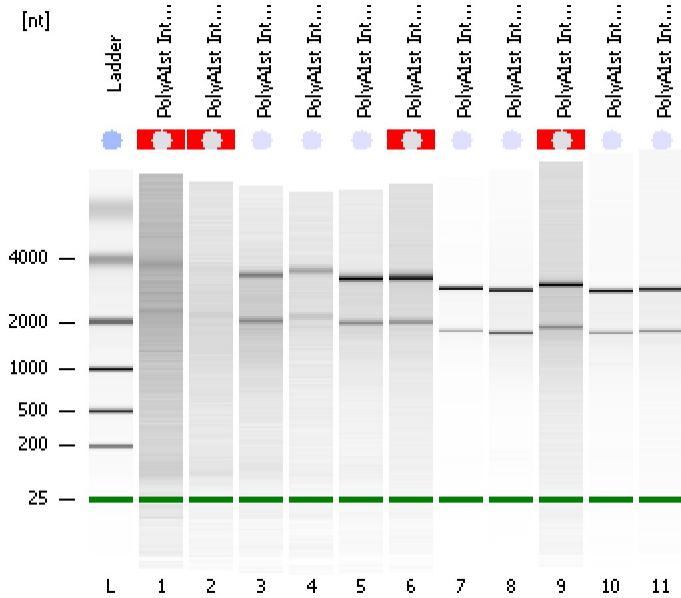


Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

Created: 12/9/2011 9:30:11 PM
 Modified: 12/9/2011 9:53:11 PM

Electrophoresis File Run Summary



Instrument Information:

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

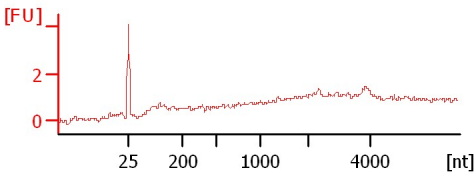
Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
 Assay Class: Eukaryote Total RNA Pico
 Version: 2.6
 Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
 © Copyright 2003 - 2009 Agilent Technologies, Inc.

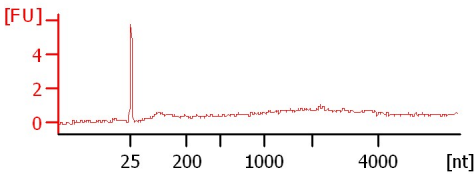
Chip Information:

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

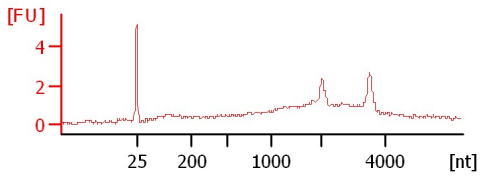
PolyA1st Internod Sample 1
 RIN N/A



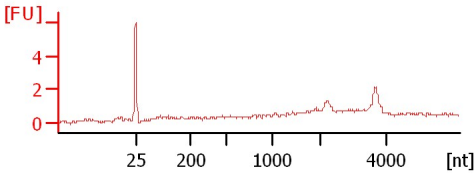
PolyA1st Internod Sample 2
 RIN N/A



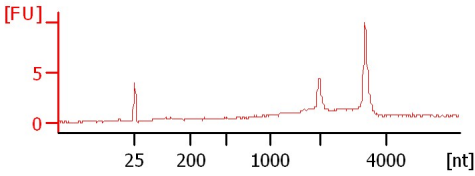
PolyA1st Internod Sample 3
 RIN: 3.40



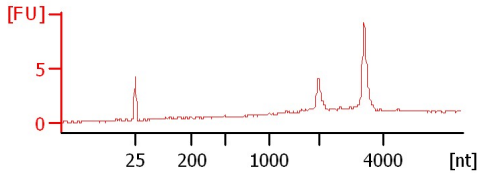
PolyA1st Internod Sample 4
 RIN: 3.10



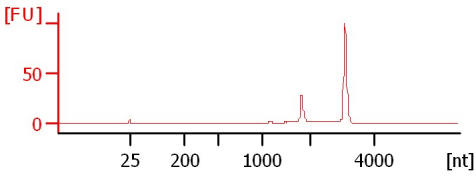
PolyA1st Internod Sample 5
 RIN: 3.70



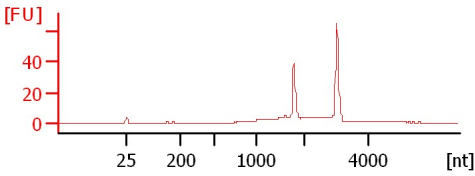
PolyA1st Internod Sample 6
 RIN N/A



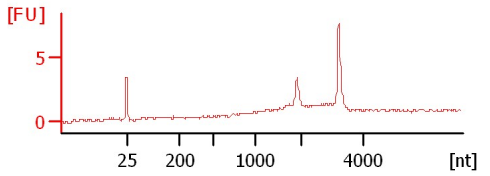
PolyA1st Internod Sample 7
 RIN: 4.30



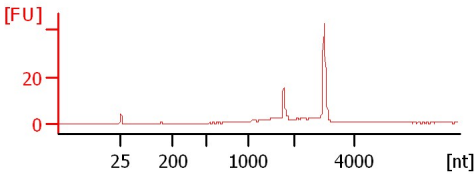
PolyA1st Internod Sample 8
 RIN: 5.50



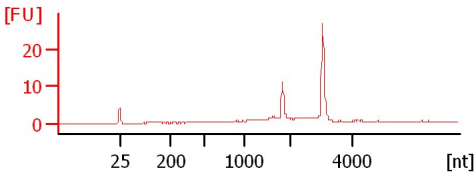
PolyA1st Internod Sample 9
 RIN N/A



PolyA1st Internod Sample 10
 RIN: 4



PolyA1st Internod Sample 11
 RIN: 8.20



Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

Created: 12/9/2011 9:30:11 PM
 Modified: 12/9/2011 9:53:11 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
PolyA1st Internod Sample 1		✓	RIN N/A	
PolyA1st Internod Sample 2		✓	RIN N/A	
PolyA1st Internod Sample 3		✓	RIN: 3.40	
PolyA1st Internod Sample 4		✓	RIN: 3.10	
PolyA1st Internod Sample 5		✓	RIN: 3.70	
PolyA1st Internod Sample 6		✓	RIN N/A	
PolyA1st Internod Sample 7		✓	RIN: 4.30	
PolyA1st Internod Sample 8		✓	RIN: 5.50	
PolyA1st Internod Sample 9		✓	RIN N/A	
PolyA1st Internod Sample 10		✓	RIN:4	
PolyA1st Internod Sample 11		✓	RIN: 8.20	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...\Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

Created: 12/9/2011 9:30:11 PM
Modified: 12/9/2011 9:53:11 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

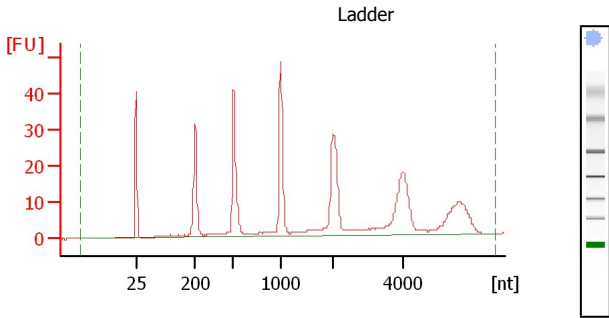
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...\Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

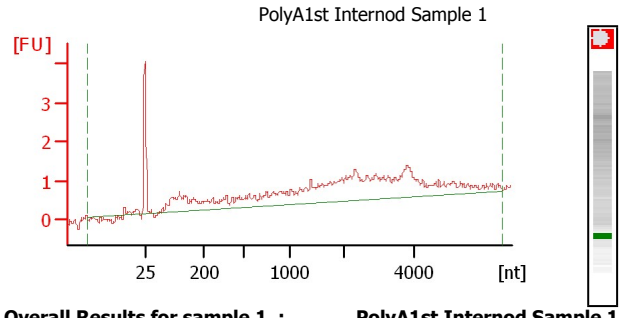
Created: 12/9/2011 9:30:11 PM
 Modified: 12/9/2011 9:53:11 PM

Electropherogram Summary



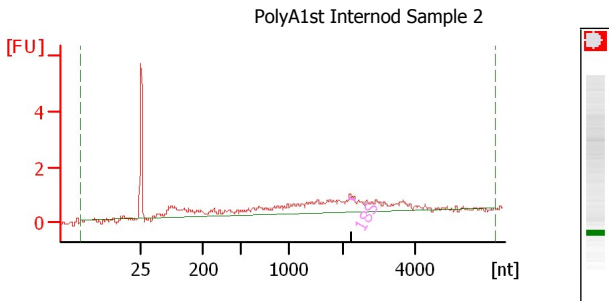
Overall Results for Ladder

RNA Area: 340.6
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples



Overall Results for sample 1 : PolyA1st Internod Sample 1

RNA Area: 29.6
 RNA Concentration: 87 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

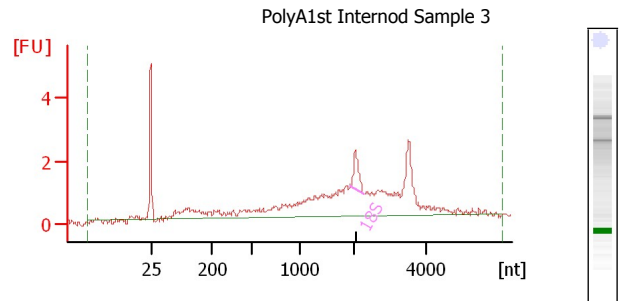


Overall Results for sample 2 : PolyA1st Internod Sample 2

RNA Area: 19.0
 RNA Concentration: 56 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 2 : PolyA1st Internod Sample 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,166	2,354	0.1	0.6



Overall Results for sample 3 : PolyA1st Internod Sample 3

RNA Area: 37.4
 RNA Concentration: 110 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 3.4 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.40

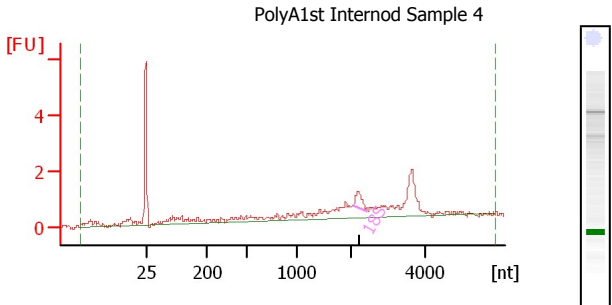
Fragment table for sample 3 : PolyA1st Internod Sample 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,937	2,253	1.6	4.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

Created: 12/9/2011 9:30:11 PM
 Modified: 12/9/2011 9:53:11 PM

Electropherogram Summary Continued ...

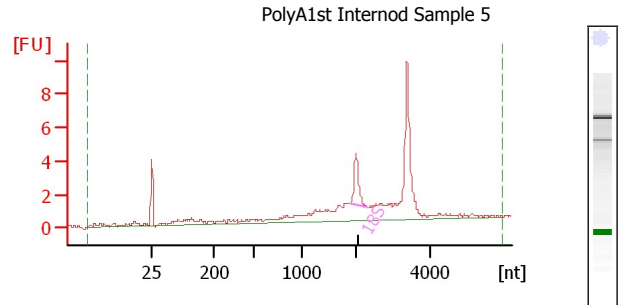


Overall Results for sample 4 : PolyA1st Internod Sample 4

RNA Area: 19.1
 RNA Concentration: 56 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 3.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.10

Fragment table for sample 4 : PolyA1st Internod Sample 4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,050	2,440	1.0	5.2

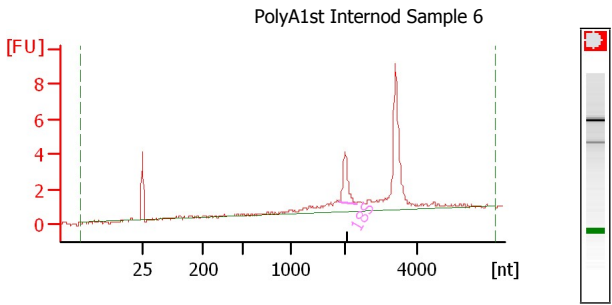


Overall Results for sample 5 : PolyA1st Internod Sample 5

RNA Area: 45.2
 RNA Concentration: 133 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 3.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.70

Fragment table for sample 5 : PolyA1st Internod Sample 5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,862	2,301	3.9	8.6

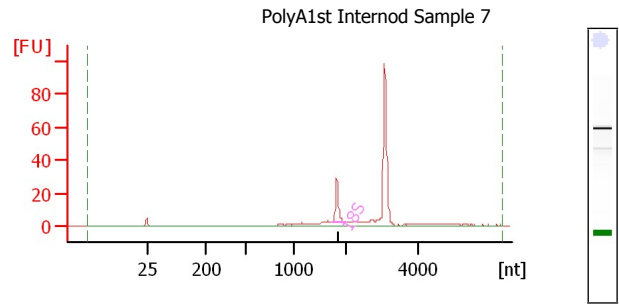


Overall Results for sample 6 : PolyA1st Internod Sample 6

RNA Area: 30.2
 RNA Concentration: 89 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 6 : PolyA1st Internod Sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,903	2,309	3.6	11.8



Overall Results for sample 7 : PolyA1st Internod Sample 7

RNA Area: 160.2
 RNA Concentration: 470 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 4.3 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 4.30

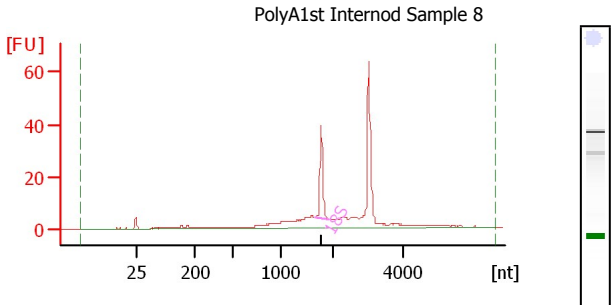
Fragment table for sample 7 : PolyA1st Internod Sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,730	1,990	22.4	14.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

Created: 12/9/2011 9:30:11 PM
 Modified: 12/9/2011 9:53:11 PM

Electropherogram Summary Continued ...

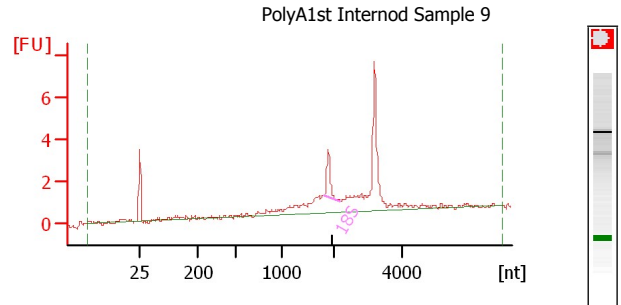


Overall Results for sample 8 : PolyA1st Internod Sample 8

RNA Area: 188.1
 RNA Concentration: 552 pg/µl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 5.5 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.50

Fragment table for sample 8 : PolyA1st Internod Sample 8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,640	1,911	30.0	15.9

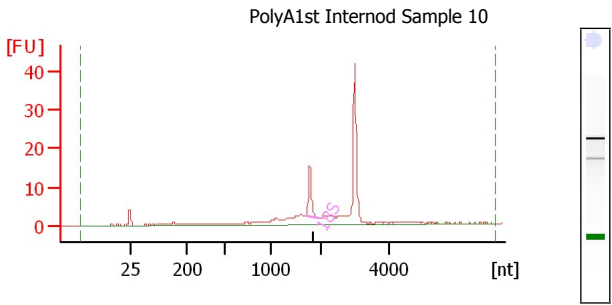


Overall Results for sample 9 : PolyA1st Internod Sample 9

RNA Area: 27.7
 RNA Concentration: 81 pg/µl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 9 : PolyA1st Internod Sample 9

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,806	2,208	2.4	8.6

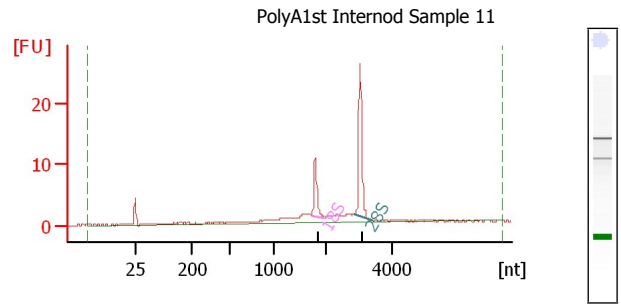


Overall Results for sample 10 : PolyA1st Internod Sample 10

RNA Area: 99.7
 RNA Concentration: 293 pg/µl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 4 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:4

Fragment table for sample 10 : PolyA1st Internod Sample 10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,707	1,937	11.1	11.1



Overall Results for sample 11 : PolyA1st Internod Sample 11

RNA Area: 63.3
 RNA Concentration: 186 pg/µl
 rRNA Ratio [28s / 18s]: 2.5
 RNA Integrity Number (RIN): 8.2 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.20

Fragment table for sample 11 : PolyA1st Internod Sample 11

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,726	1,992	8.1	12.7
28S	2,882	3,367	20.1	31.8

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-12-09_21-30-11.xad

Created: 12/9/2011 9:30:11 PM
Modified: 12/9/2011 9:53:11 PM

Gel Image

