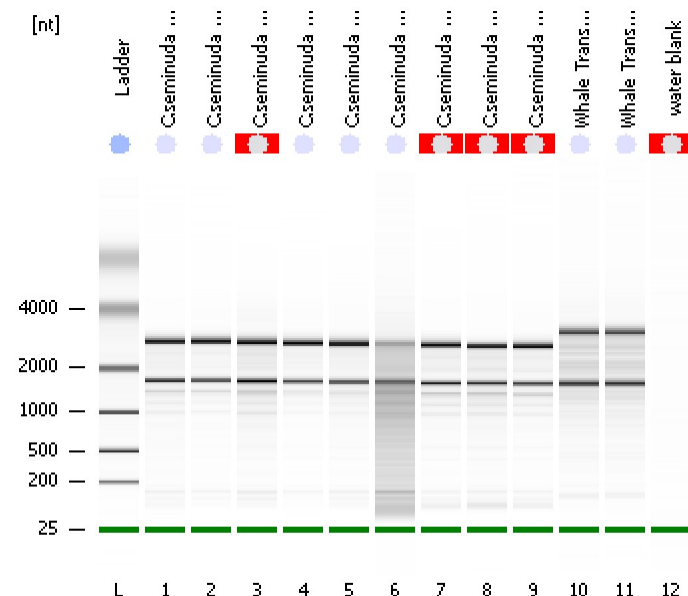


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 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\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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Chip Information:

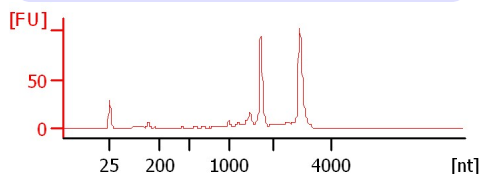
Chip Lot #:

Reagent Kit Lot #:

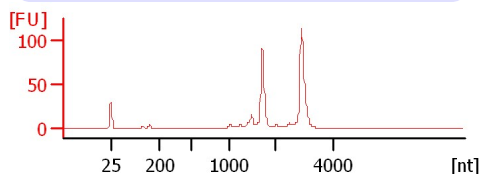
Chip Comments:

C.seminuda Callus 11017 Initial Sample

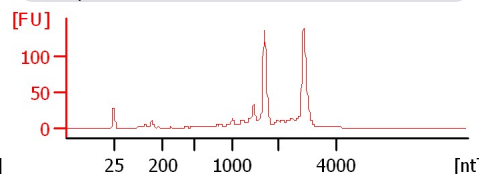
Acc.# 831
RIN: 8.40

**C.seminuda Callus 11019 Initial Sample**

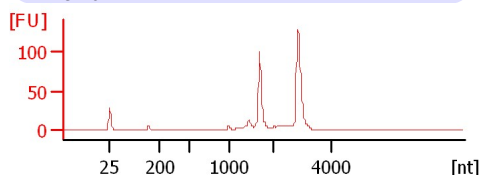
Acc.# 831
RIN: 9.10

**C.seminuda Callus 11020 Initial Sample**

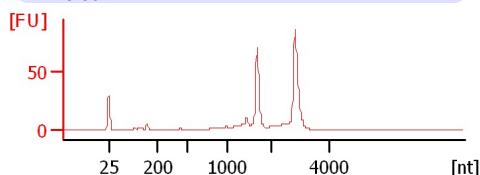
Acc.# 831
RIN N/A

**C.seminuda Gland.Sepals 11017 Initial...**

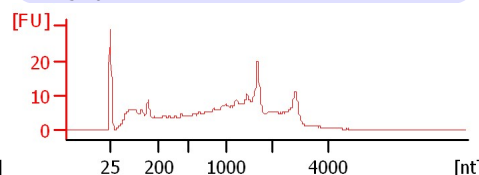
Acc.# 832
RIN: 9.40

**C.seminuda Gland.Sepals 11019 Initial...**

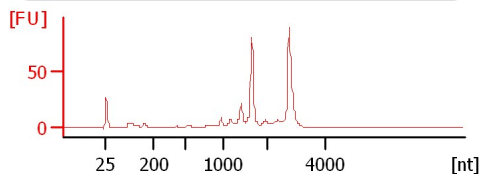
Acc.# 832
RIN: 8.80

**C.seminuda Gland.Sepals 11020 Initial...**

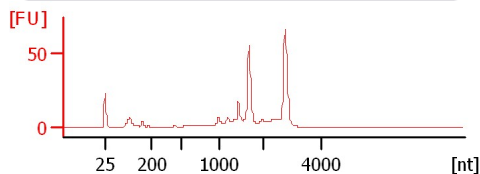
Acc.# 832
RIN: 5.10

**C.seminuda Sepals&Petals 11017 Initia...**

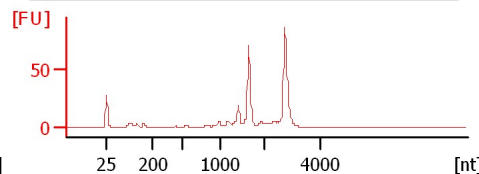
Acc.# 833
RIN N/A

**C.seminuda Sepals&Petals 11019 Initia...**

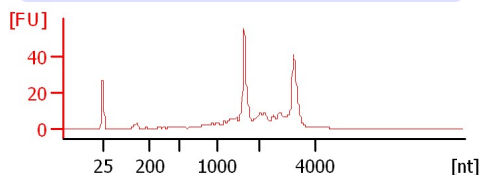
Acc.# 833
RIN N/A

**C.seminuda Sepals&Petals 11020 Initia...**

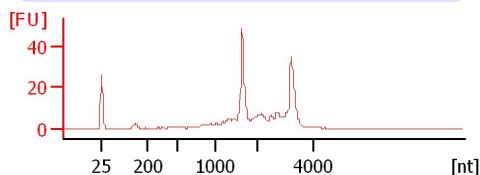
Acc.# 833
RIN N/A

**Whale Transcriptome Liver-A 10B16**

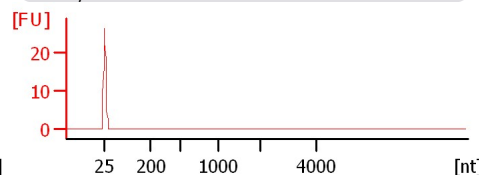
RIN:8

**Whale Transcriptome Liver-B 10B16**

RIN: 7.90

**water blank**

RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
 Modified: 6/9/2011 5:34:21 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
C.seminuda Callus 11017 Initial Sample	Acc.# 831	✓	RIN: 8.40	
C.seminuda Callus 11019 Initial Sample	Acc.# 831	✓	RIN: 9.10	
C.seminuda Callus 11020 Initial Sample	Acc.# 831	✓	RIN N/A	
C.seminuda Gland.Sepals 11017 Initial Sample	Acc.# 832	✓	RIN: 9.40	
C.seminuda Gland.Sepals 11019 Initial Sample	Acc.# 832	✓	RIN: 8.80	
C.seminuda Gland.Sepals 11020 Initial Sample	Acc.# 832	✓	RIN: 5.10	
C.seminuda Sepals&Petals 11017 Initial Sample	Acc.# 833	✓	RIN N/A	
C.seminuda Sepals&Petals 11019 Initial Sample	Acc.# 833	✓	RIN N/A	
C.seminuda Sepals&Petals 11020 Initial Sample	Acc.# 833	✓	RIN N/A	
Whale Transcriptome Liver-A 10B16		✓	RIN:8	
Whale Transcriptome Liver-B 10B16		✓	RIN: 7.90	
water blank		✓	RIN N/A	
Ladder		✓	All Other Samples	

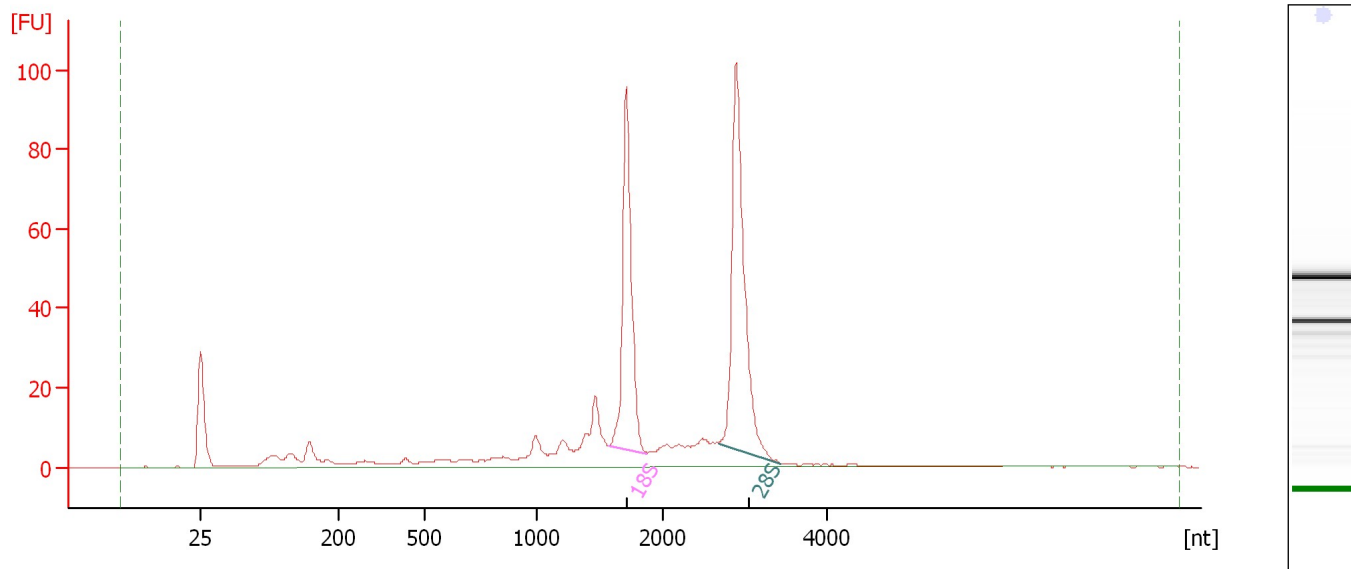
Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary

C.seminuda Callus 11017 Initial Sample [Acc.# 831]

**Overall Results for sample 1 : C.seminuda Callus 11017 Initial Sample**

RNA Area:	453.8	RNA Integrity Number (RIN):	8.4 (B.02.08)
RNA Concentration:	188 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 8.40

Fragment table for sample 1 : C.seminuda Callus 11017 Initial Sample

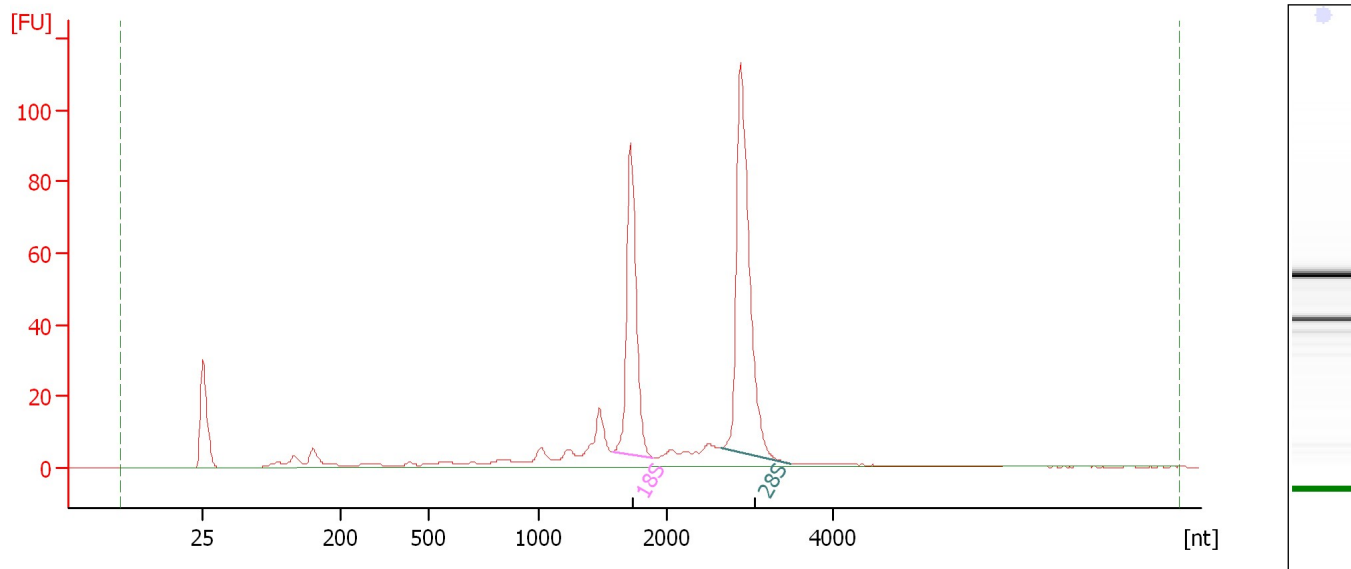
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,570	1,883	100.2	22.1
28S	2,674	3,424	133.3	29.4

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Callus 11019 Initial Sample [Acc.# 831]

**Overall Results for sample 2 : C.seminuda Callus 11019 Initial Sample**

RNA Area:	433.0	RNA Integrity Number (RIN):	9.1 (B.02.08)
RNA Concentration:	179 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.10

Fragment table for sample 2 : C.seminuda Callus 11019 Initial Sample

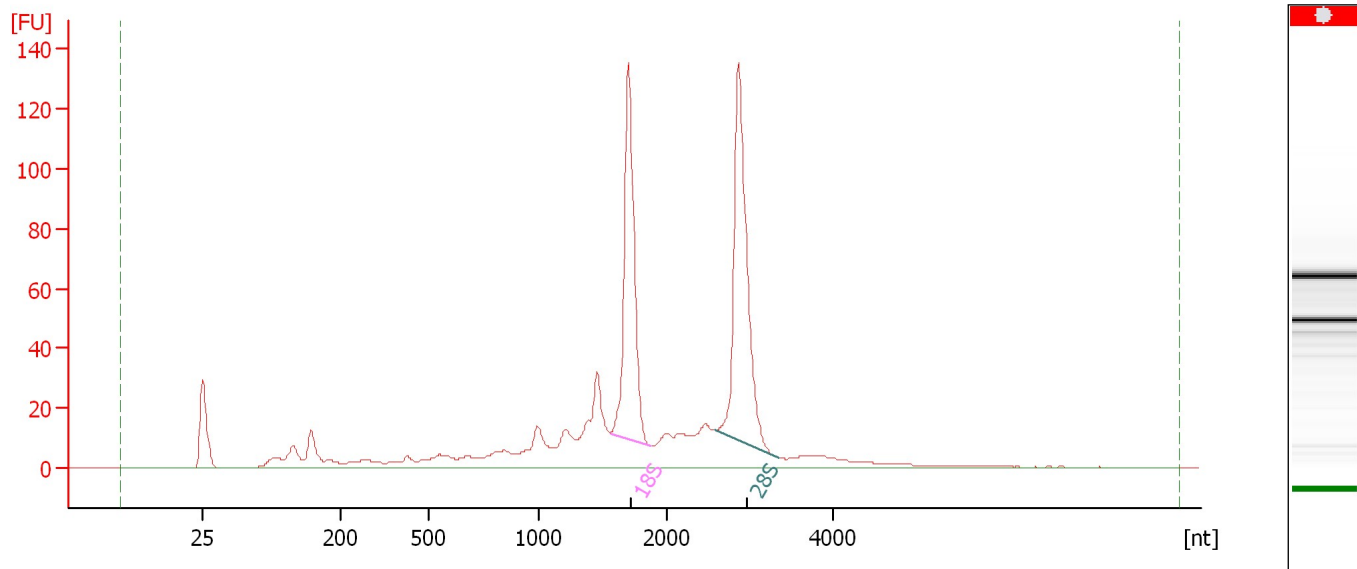
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,573	1,893	100.8	23.3
28S	2,647	3,497	155.5	35.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Callus 11020 Initial Sample [Acc.# 831]

**Overall Results for sample 3 : C.seminuda Callus 11020 Initial Sample**

RNA Area:	780.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	323 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN N/A

Fragment table for sample 3 : C.seminuda Callus 11020 Initial Sample

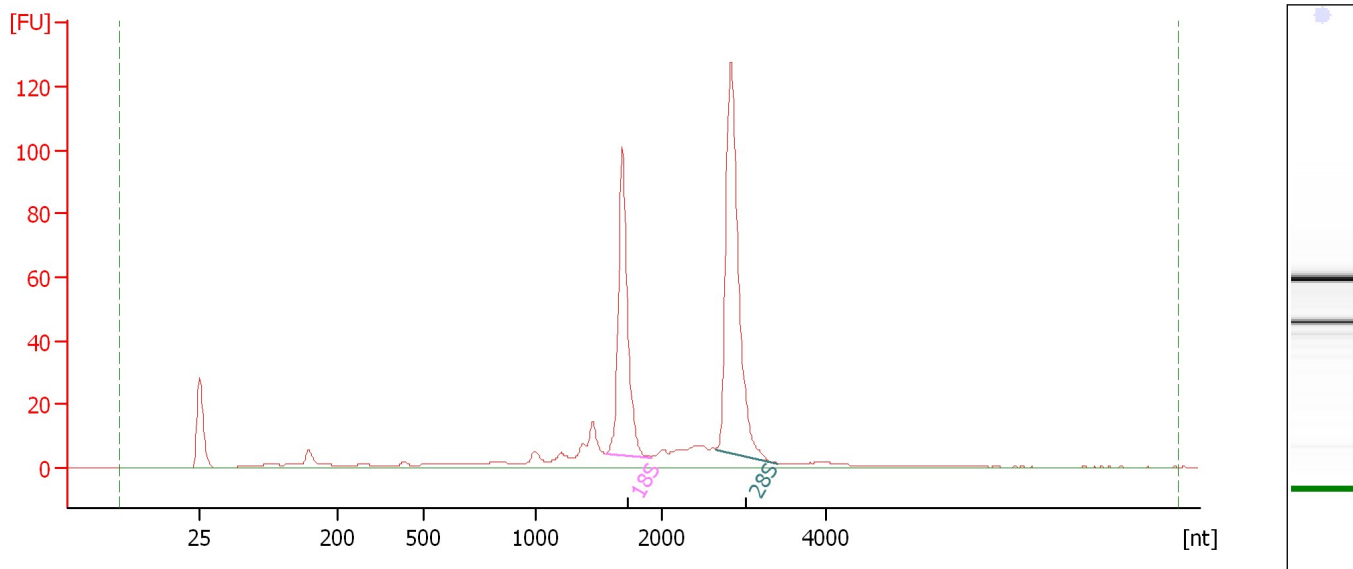
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,557	1,876	154.1	19.7
28S	2,570	3,342	183.7	23.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Gland.Sepals 11017 Initial Sample [Acc.# 832]

**Overall Results for sample 4 : C.seminuda Gland.Sepals 11017 Initial Sample**

RNA Area:	464.6	RNA Integrity Number (RIN):	9.4 (B.02.08)
RNA Concentration:	192 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.40

Fragment table for sample 4 : C.seminuda Gland.Sepals 11017 Initial Sample

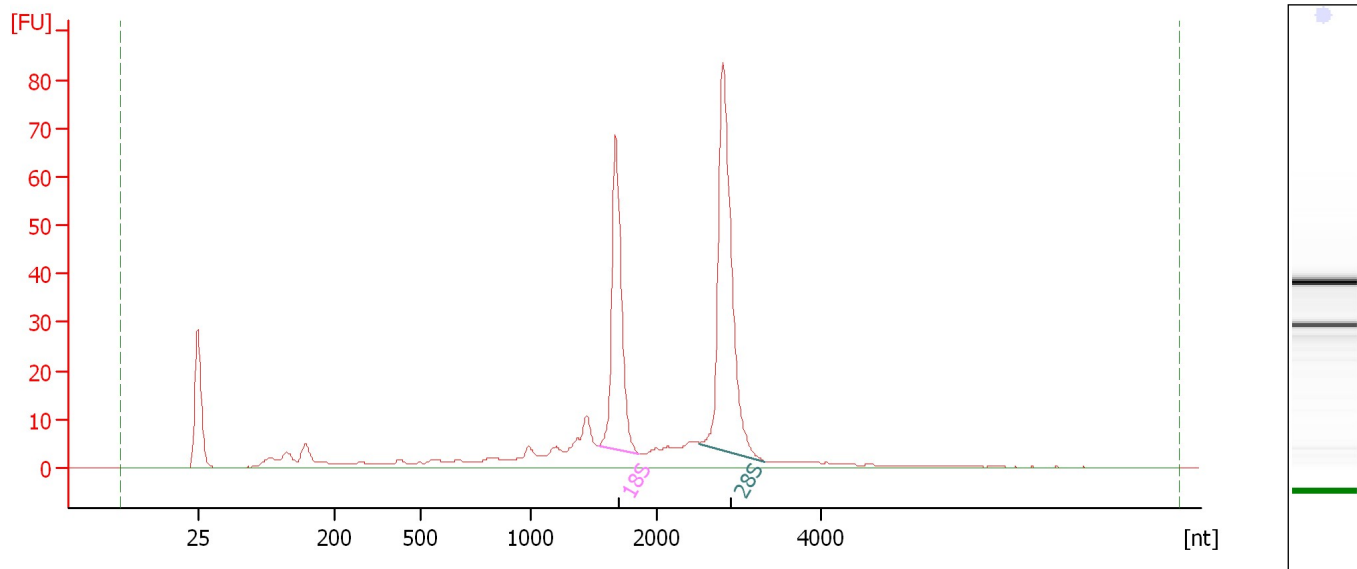
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,553	1,916	111.0	23.9
28S	2,648	3,411	173.5	37.3

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Gland.Sepals 11019 Initial Sample [Acc.# 832]

**Overall Results for sample 5 : C.seminuda Gland.Sepals 11019 Initial Sample**

RNA Area: 366.3 RNA Integrity Number (RIN): 8.8 (B.02.08)
RNA Concentration: 152 ng/μl Result Flagging Color:
rRNA Ratio [28S / 18S]: 1.6 Result Flagging Label: RIN: 8.80

Fragment table for sample 5 : C.seminuda Gland.Sepals 11019 Initial Sample

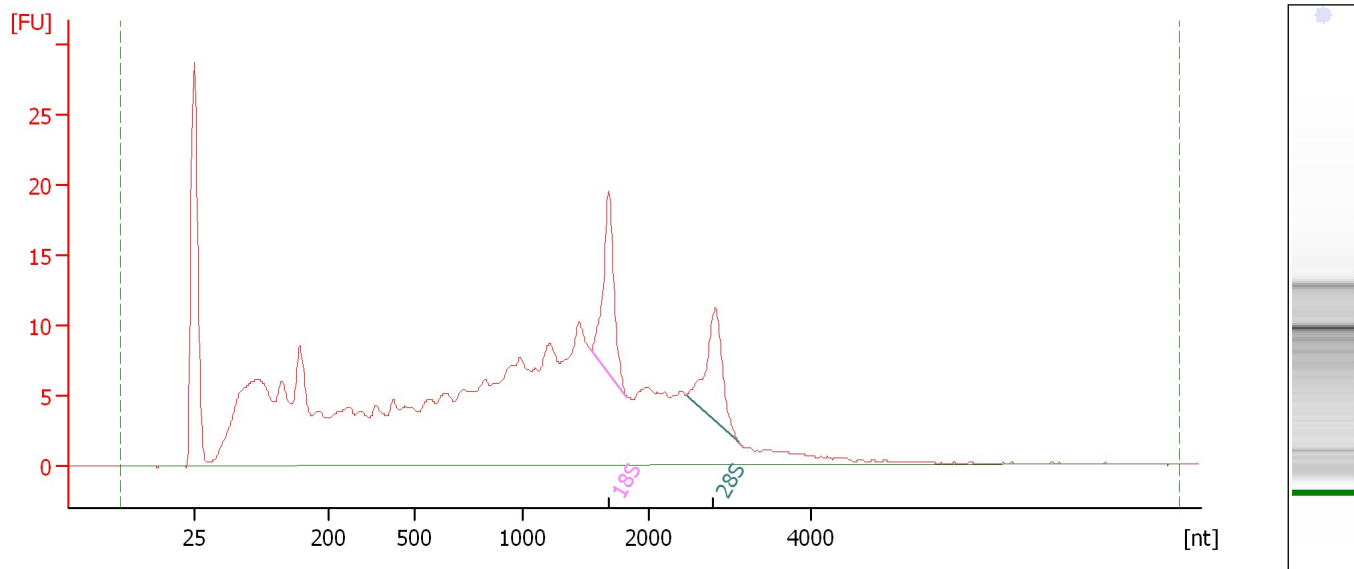
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,540	1,863	77.3	21.1
28S	2,519	3,313	120.1	32.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Gland.Sepals 11020 Initial Sample [Acc.# 832]

**Overall Results for sample 6 : C.seminuda Gland.Sepals 11020 Initial Sample**

RNA Area:	403.3	RNA Integrity Number (RIN):	5.1 (B.02.08)
RNA Concentration:	167 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.8	Result Flagging Label:	RIN: 5.10

Fragment table for sample 6 : C.seminuda Gland.Sepals 11020 Initial Sample

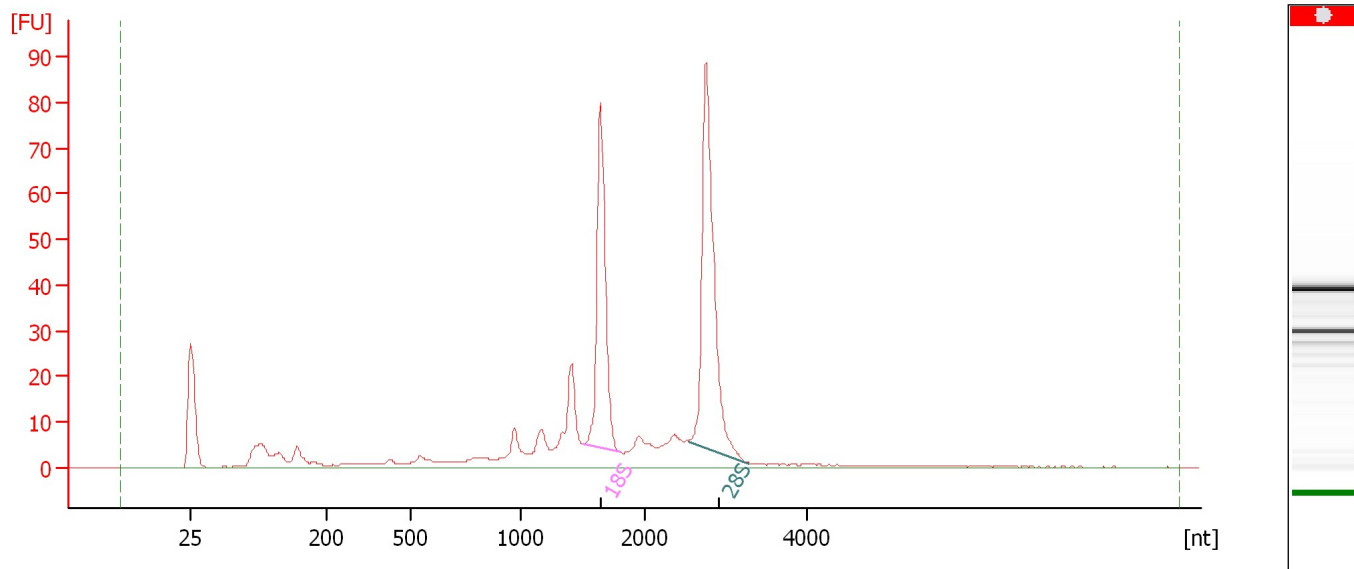
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,542	1,834	18.1	4.5
28S	2,467	3,111	15.0	3.7

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Sepals&Petals 11017 Initial Sample [Acc.# 833]

**Overall Results for sample 7 : C.seminuda Sepals&Petals 11017 Initial Sample**

RNA Area:	405.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	168 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN N/A

Fragment table for sample 7 : C.seminuda Sepals&Petals 11017 Initial Sample

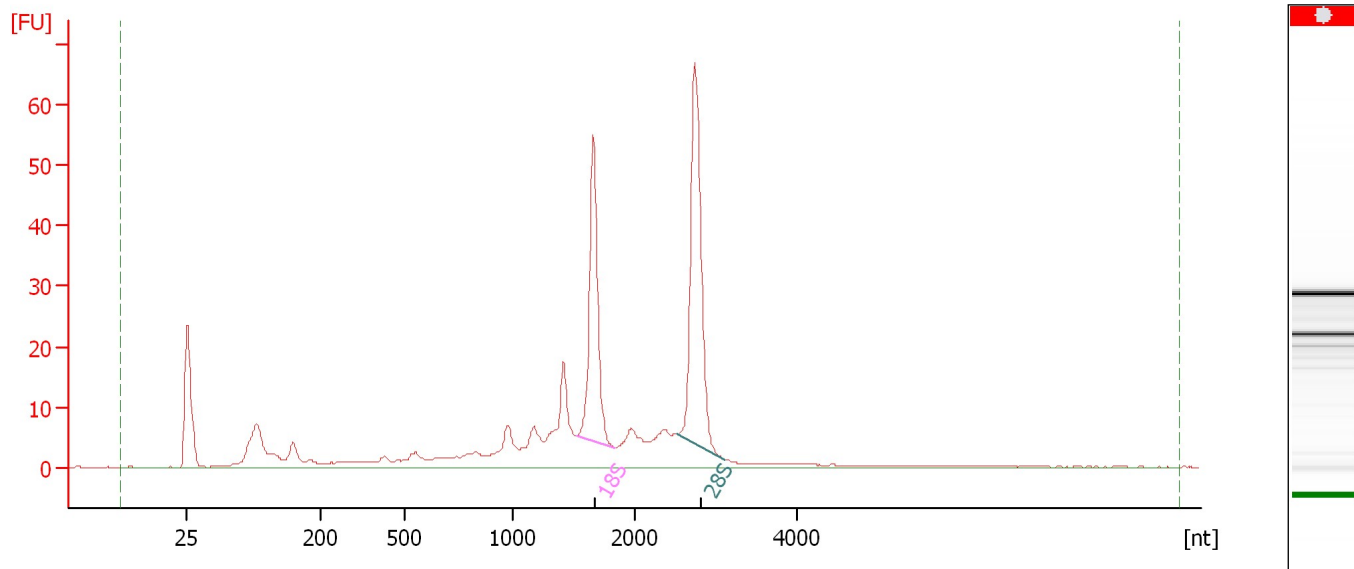
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,513	1,806	80.9	19.9
28S	2,547	3,298	114.5	28.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Sepals&Petals 11019 Initial Sample [Acc.# 833]

**Overall Results for sample 8 : C.seminuda Sepals&Petals 11019 Initial Sample**

RNA Area:	335.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	139 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN N/A

Fragment table for sample 8 : C.seminuda Sepals&Petals 11019 Initial Sample

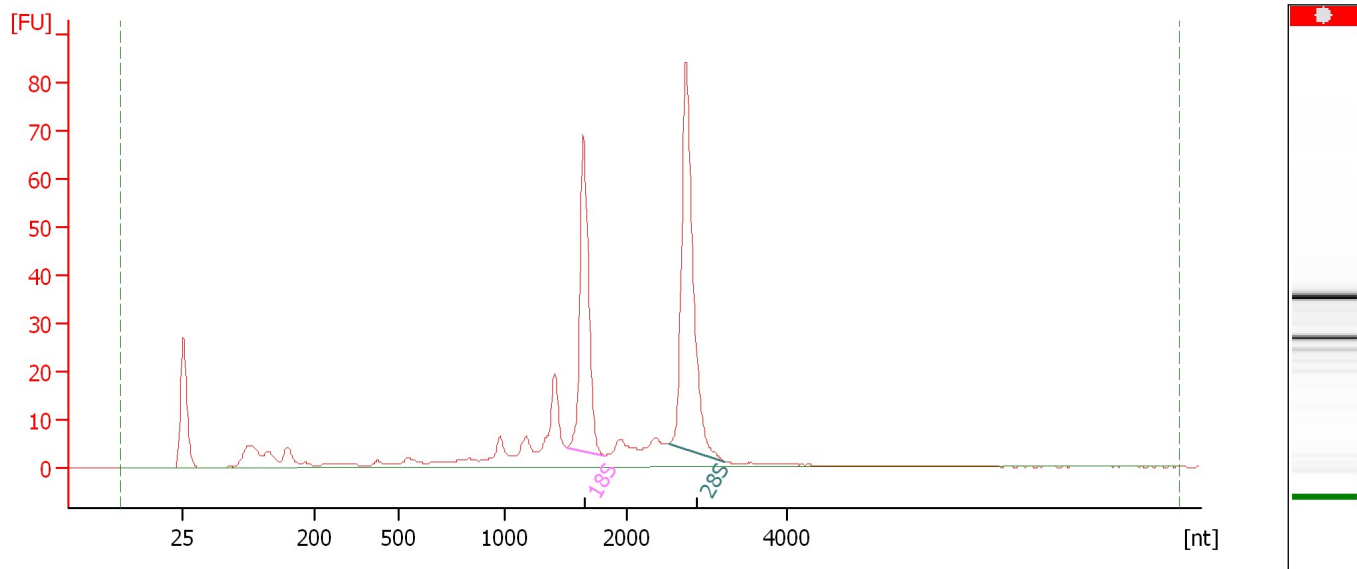
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,515	1,828	56.2	16.8
28S	2,508	3,107	75.5	22.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Electropherogram Summary Continued ...

C.seminuda Sepals&Petals 11020 Initial Sample [Acc.# 833]

**Overall Results for sample 9 : C.seminuda Sepals&Petals 11020 Initial Sample**

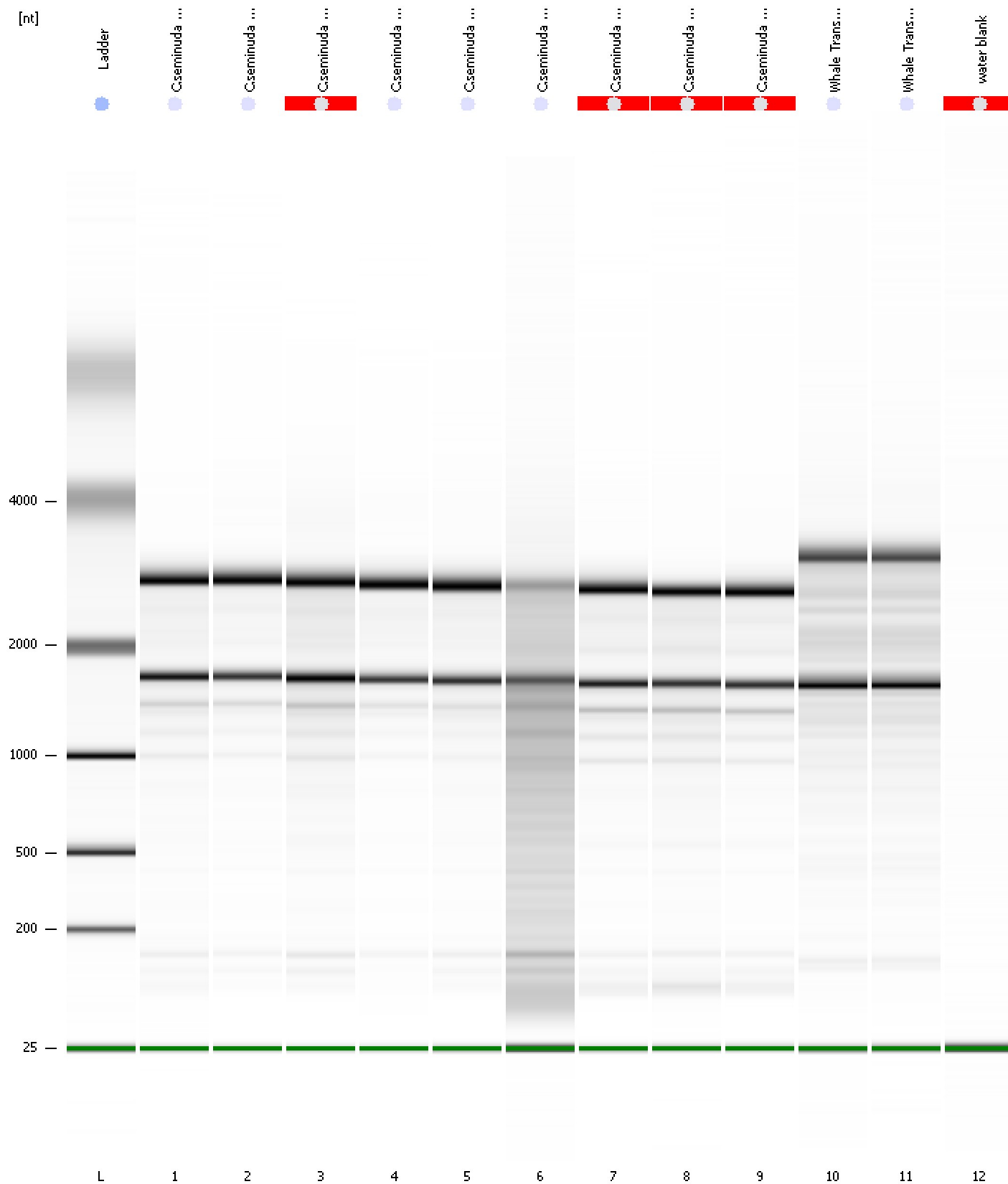
RNA Area:	364.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	151 ng/μl	Result Flagging Color:	
rRNA Ratio [28S / 18S]:	1.5	Result Flagging Label:	RIN N/A

Fragment table for sample 9 : C.seminuda Sepals&Petals 11020 Initial Sample

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,508	1,806	73.8	20.2
28S	2,509	3,233	109.3	30.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Gel Image

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-06-09_16-49-29.xad

Created: 6/9/2011 4:49:29 PM
Modified: 6/9/2011 5:34:21 PM

Curves

Standard Curve

