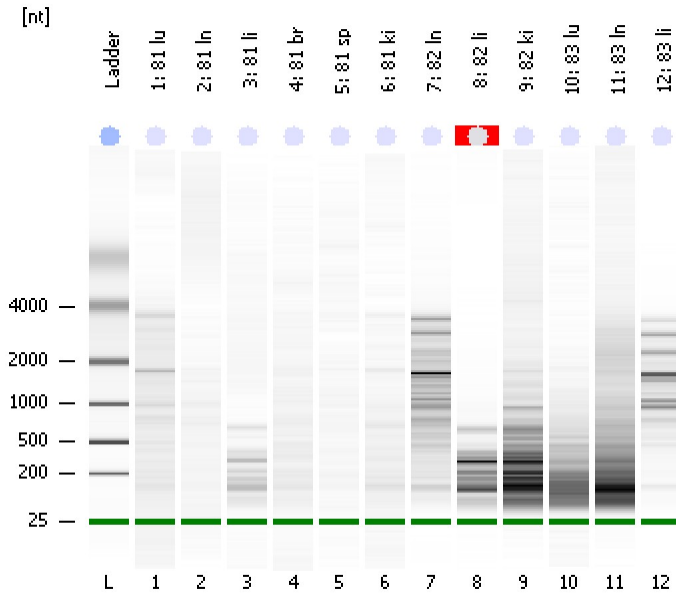


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

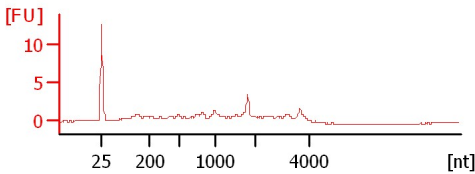
Assay Information:

Assay Origin Path: C:\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)  
© Copyright 2003 - 2009 Agilent Technologies, Inc.

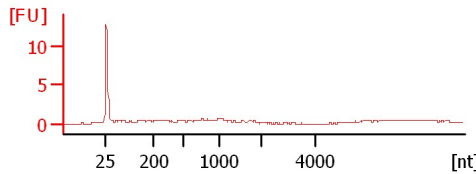
Chip Information:

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

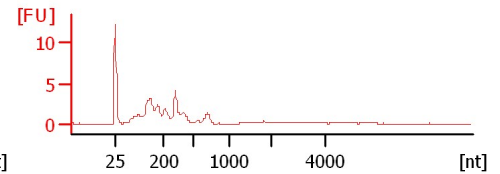
**1: 81 lu**  
Moose RNA  
RIN: 5.90



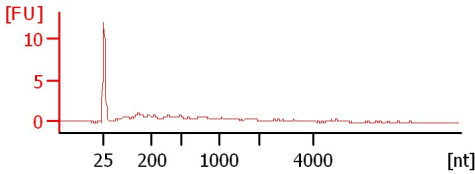
**2: 81 ln**  
Moose RNA  
RIN: 1



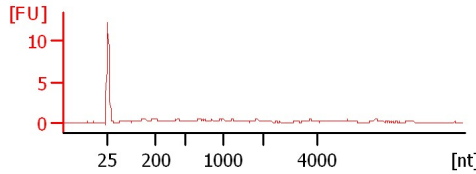
**3: 81 li**  
Moose RNA  
RIN: 2.40



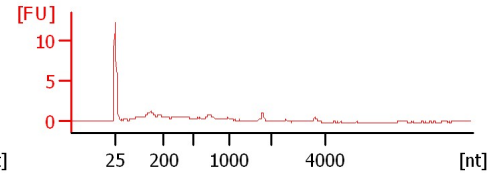
**4: 81 br**  
Moose RNA  
RIN: 1



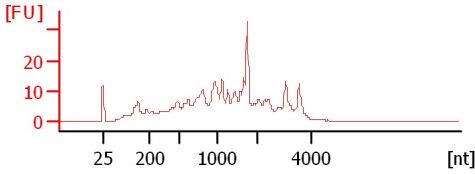
**5: 81 sp**  
Moose RNA  
RIN: 1



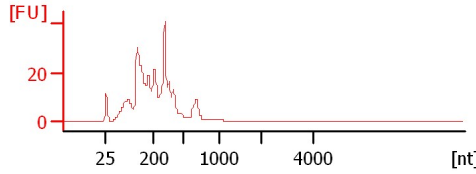
**6: 81 ki**  
Moose RNA  
RIN: 4.40



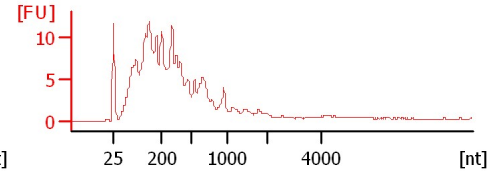
**7: 82 ln**  
Moose RNA  
RIN: 5.10



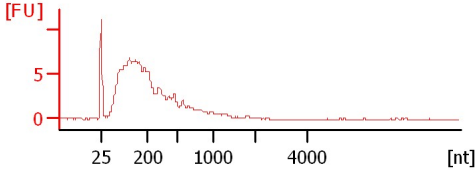
**8: 82 li**  
Moose RNA  
RIN N/A



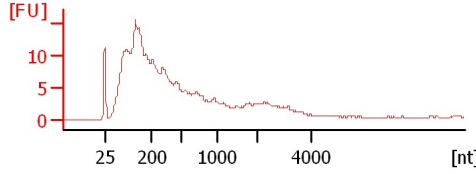
**9: 82 ki**  
Moose RNA  
RIN: 2.30



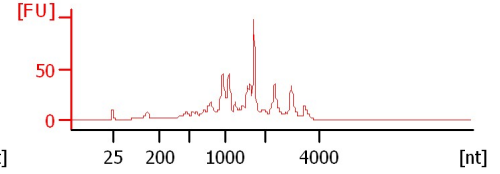
**10: 83 lu**  
Moose RNA  
RIN: 2.40



**11: 83 ln**  
Moose RNA  
RIN: 2.30



**12: 83 li**  
Moose RNA  
RIN: 5.10



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
1: 81 lu	Moose RNA	✓	RIN: 5.90	
2: 81 ln	Moose RNA	✓	RIN:1	
3: 81 li	Moose RNA	✓	RIN: 2.40	
4: 81 br	Moose RNA	✓	RIN:1	
5: 81 sp	Moose RNA	✓	RIN:1	
6: 81 ki	Moose RNA	✓	RIN: 4.40	
7: 82 ln	Moose RNA	✓	RIN: 5.10	
8: 82 li	Moose RNA	✓	RIN N/A	
9: 82 ki	Moose RNA	✓	RIN: 2.30	
10: 83 lu	Moose RNA	✓	RIN: 2.40	
11: 83 ln	Moose RNA	✓	RIN: 2.30	
12: 83 li	Moose RNA	✓	RIN: 5.10	
Ladder		✓	All Other Samples	

Chip Lot #

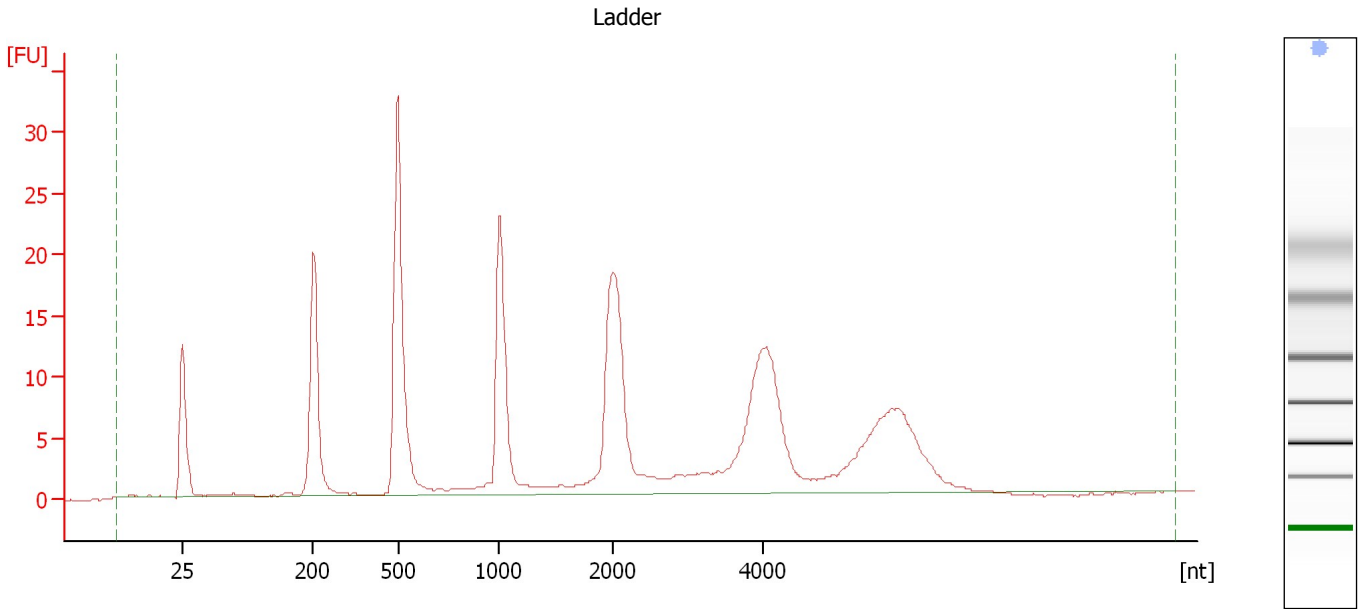
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary**



**Overall Results for Ladder**

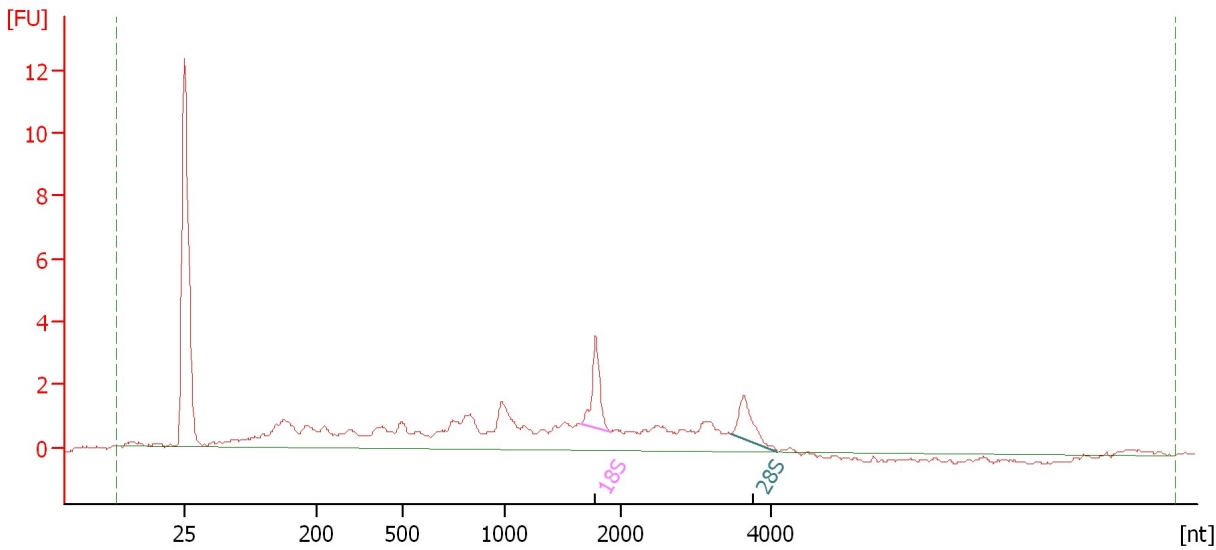
RNA Area:	261.1	Result Flagging Color:	<span style="background-color: #add8e6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

1: 81 lu [ Moose RNA ]



**Overall Results for sample 1 : 1: 81 lu**

RNA Area: 50.2                      RNA Integrity Number (RIN): 5.9 (B.02.08)  
RNA Concentration: 29 ng/μl              Result Flagging Color:   
rRNA Ratio [28s / 18s]: 0.7              Result Flagging Label: RIN: 5.90

**Fragment table for sample 1 : 1: 81 lu**

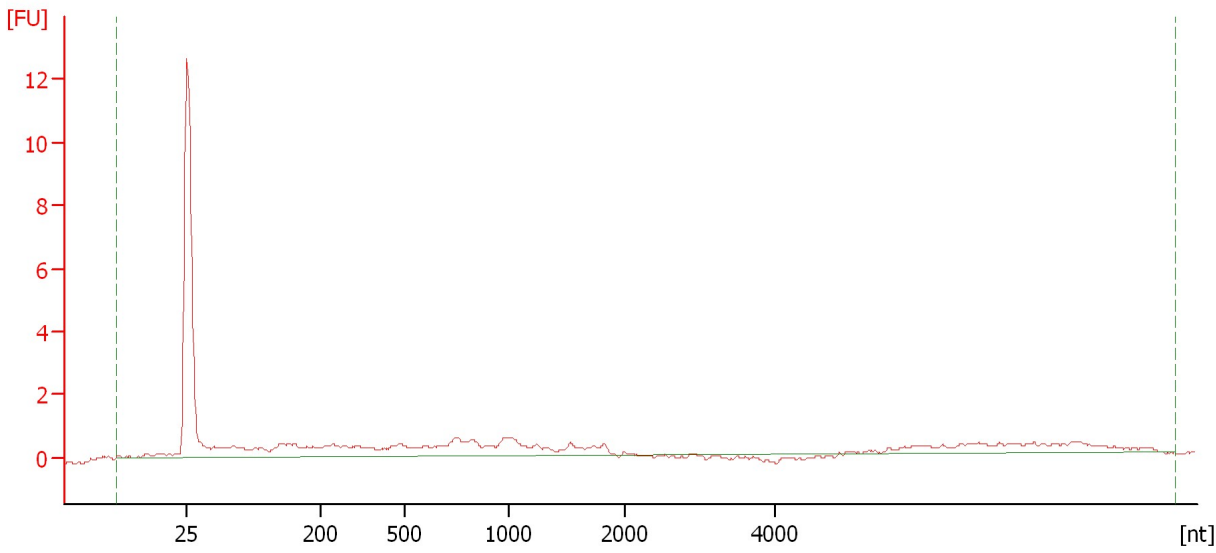
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,659	1,919	2.9	5.7
28S	3,480	4,090	2.1	4.2

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

2: 81 In [ Moose RNA ]



**Overall Results for sample 2 : 2: 81 In**

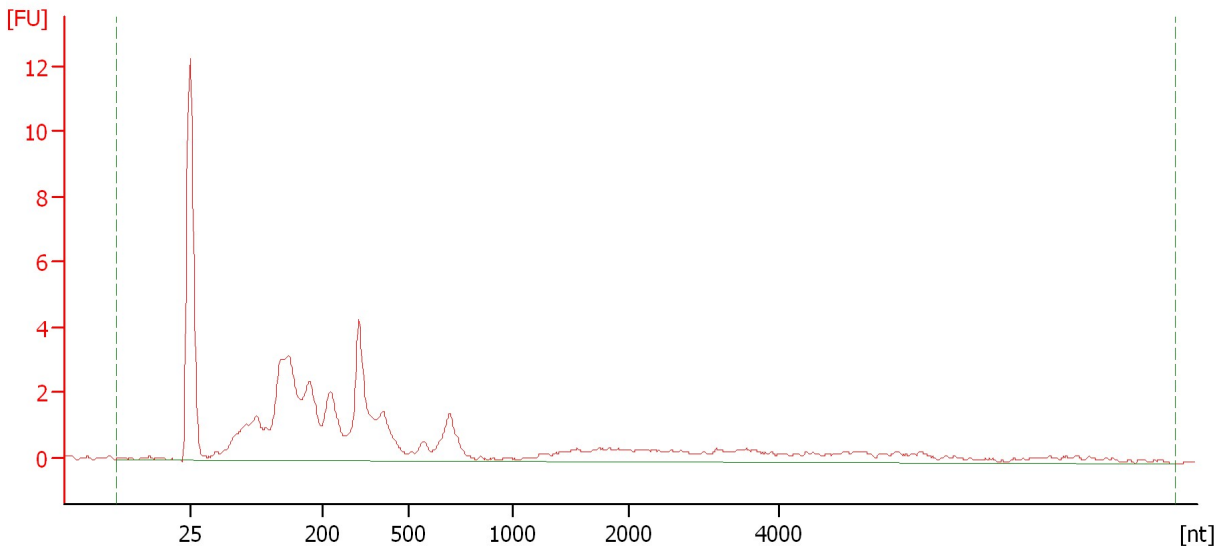
RNA Area:	25.4	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	15 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

3: 81 li [ Moose RNA ]



**Overall Results for sample 3 : 3: 81 li**

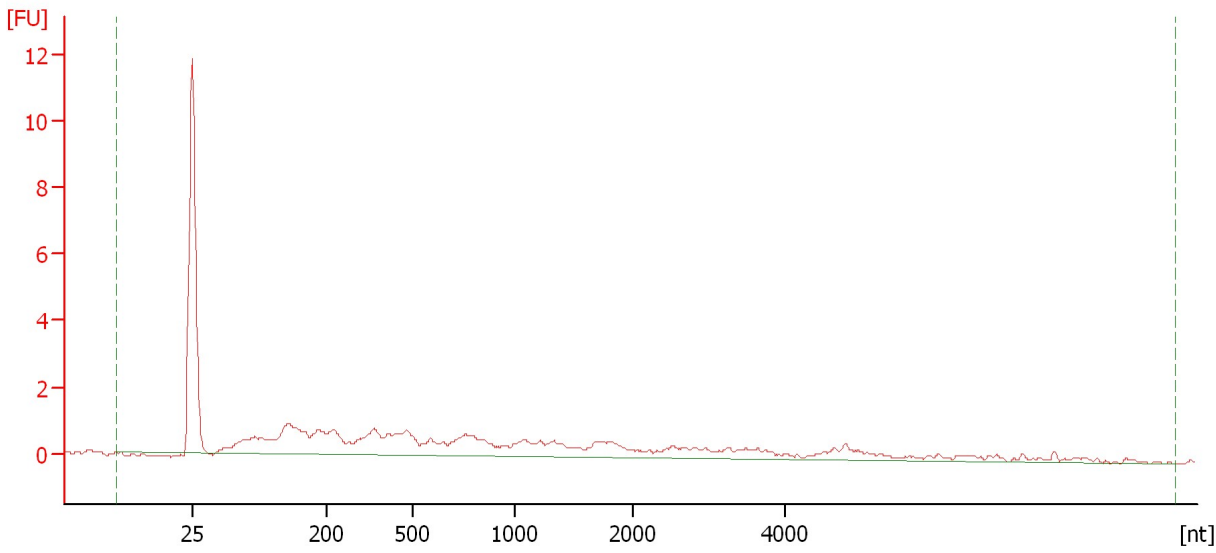
RNA Area:	64.8	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	37 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

4: 81 br [ Moose RNA ]



**Overall Results for sample 4 : 4: 81 br**

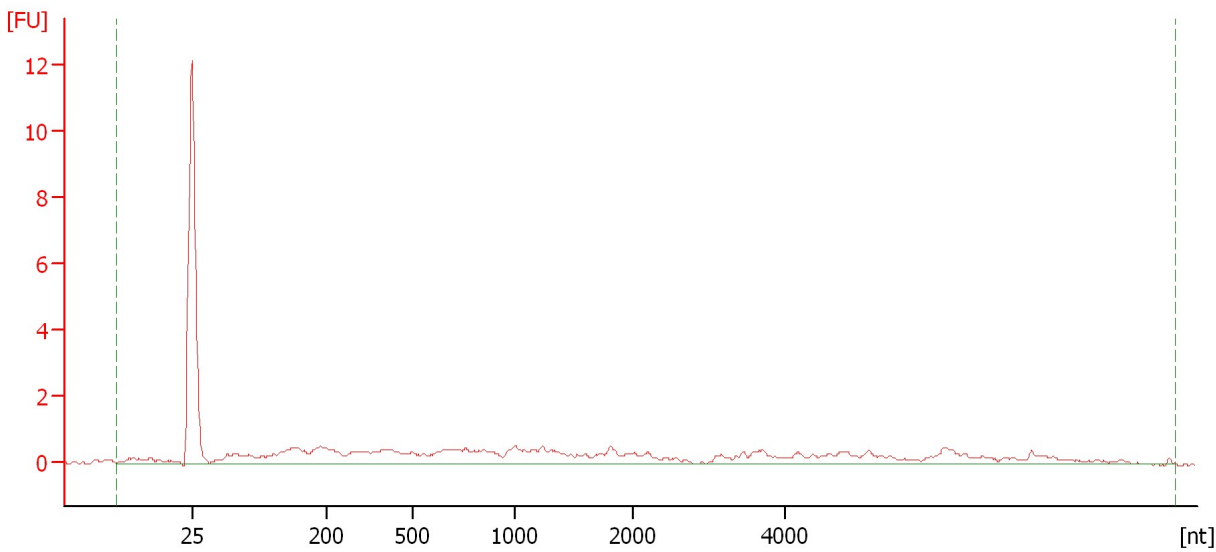
RNA Area:	37.1	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	21 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

5: 81 sp [ Moose RNA ]



**Overall Results for sample 5 : 5: 81 sp**

RNA Area:	28.4	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	16 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

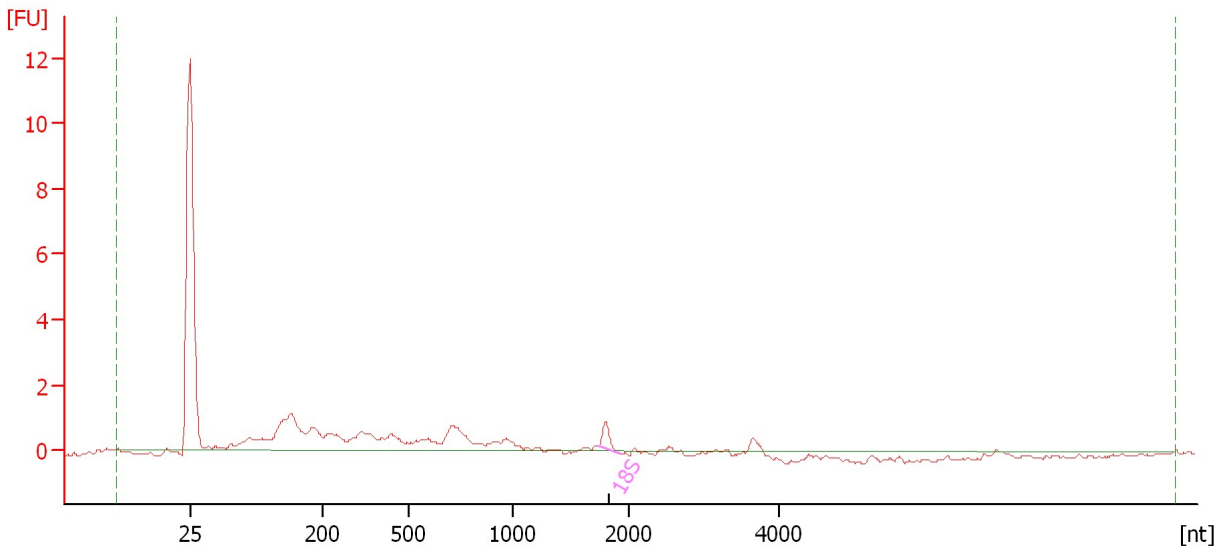


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

6: 81 ki [ Moose RNA ]



**Overall Results for sample 6 : 6: 81 ki**

RNA Area:	18.8	RNA Integrity Number (RIN):	4.4 (B.02.08)
RNA Concentration:	11 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.40

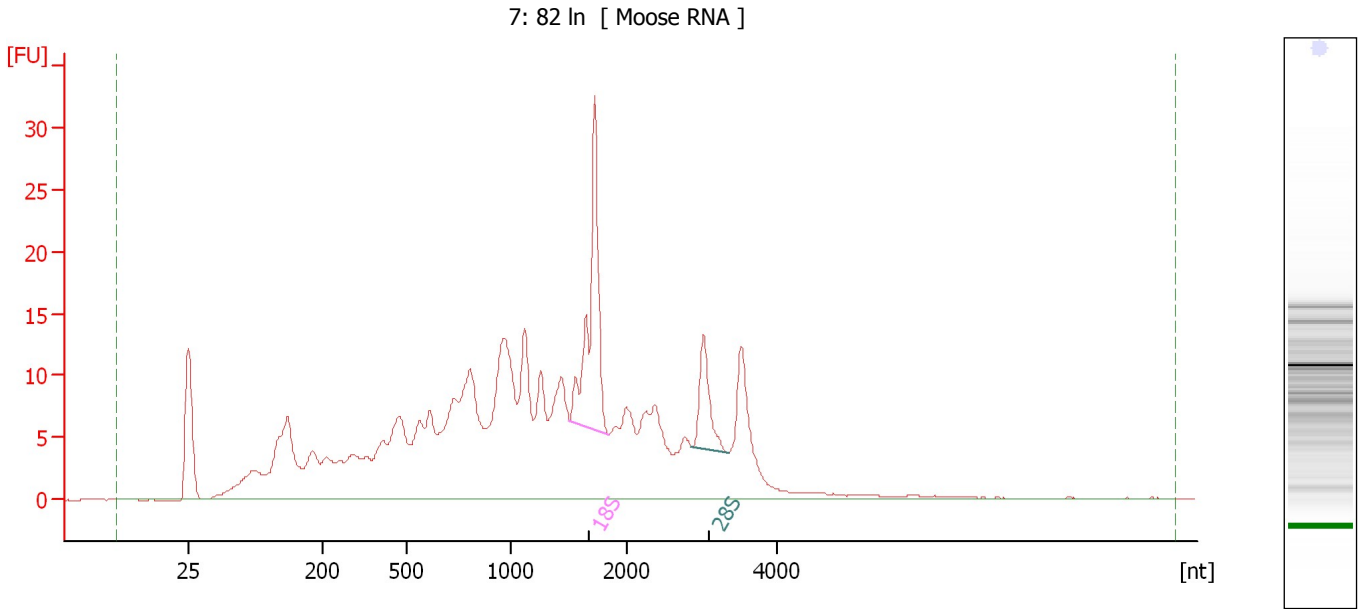
**Fragment table for sample 6 : 6: 81 ki**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,749	1,942	0.8	4.2

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : 7: 82 In**

RNA Area:	417.8	RNA Integrity Number (RIN):	5.1 (B.02.08)
RNA Concentration:	240 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 5.10

**Fragment table for sample 7 : 7: 82 In**

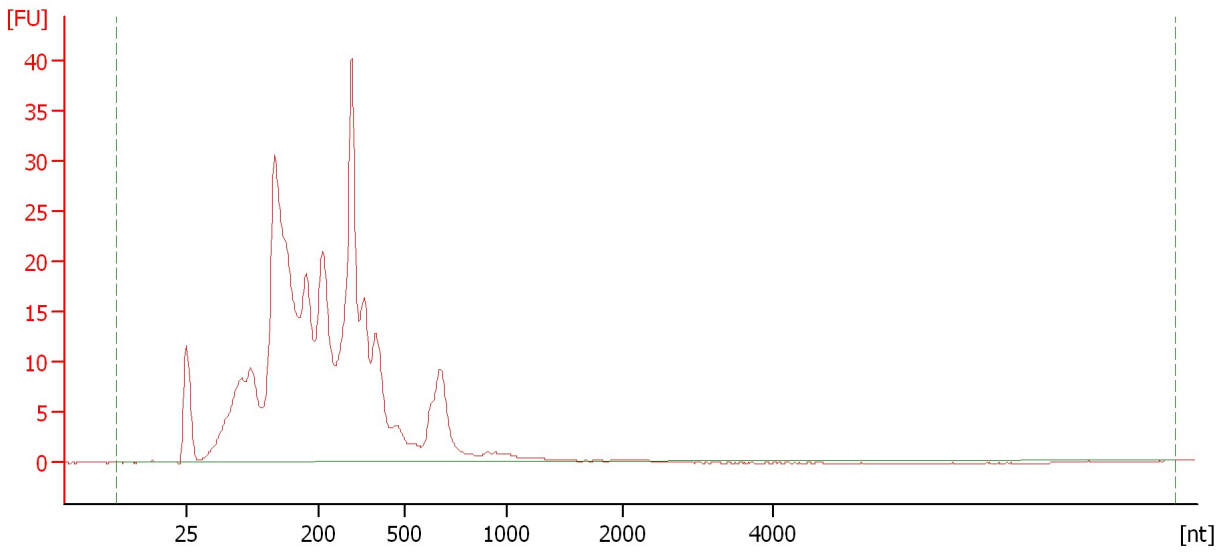
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,507	1,848	31.4	7.5
28S	2,868	3,348	10.7	2.6

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

8: 82 li [ Moose RNA ]



**Overall Results for sample 8 : 8: 82 li**

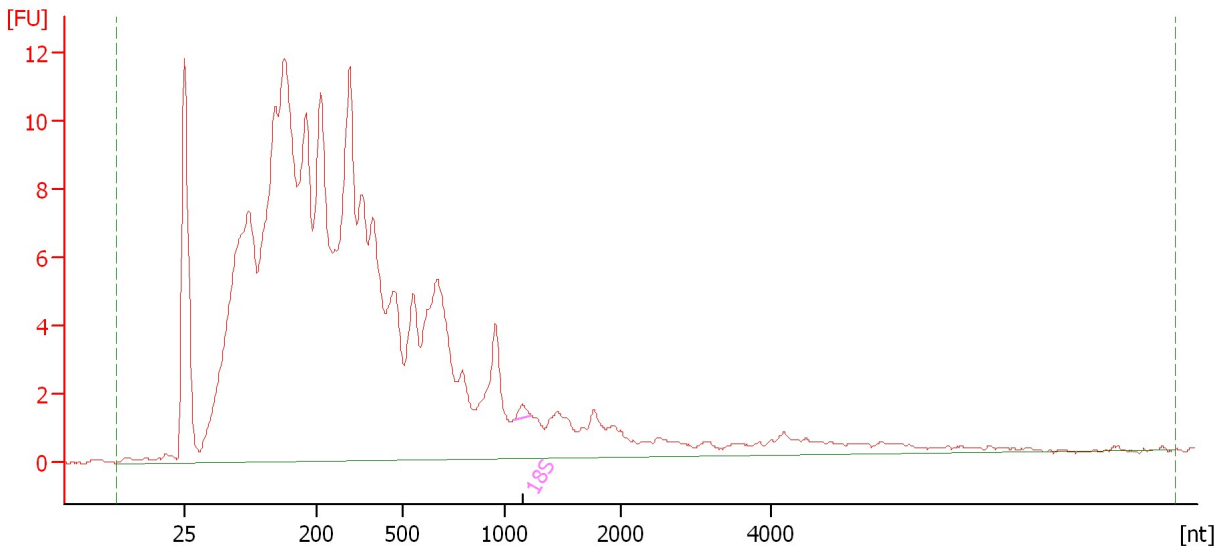
RNA Area:	429.7	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	247 ng/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

9: 82 ki [ Moose RNA ]



**Overall Results for sample 9 : 9: 82 ki**

RNA Area:	293.4	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	169 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

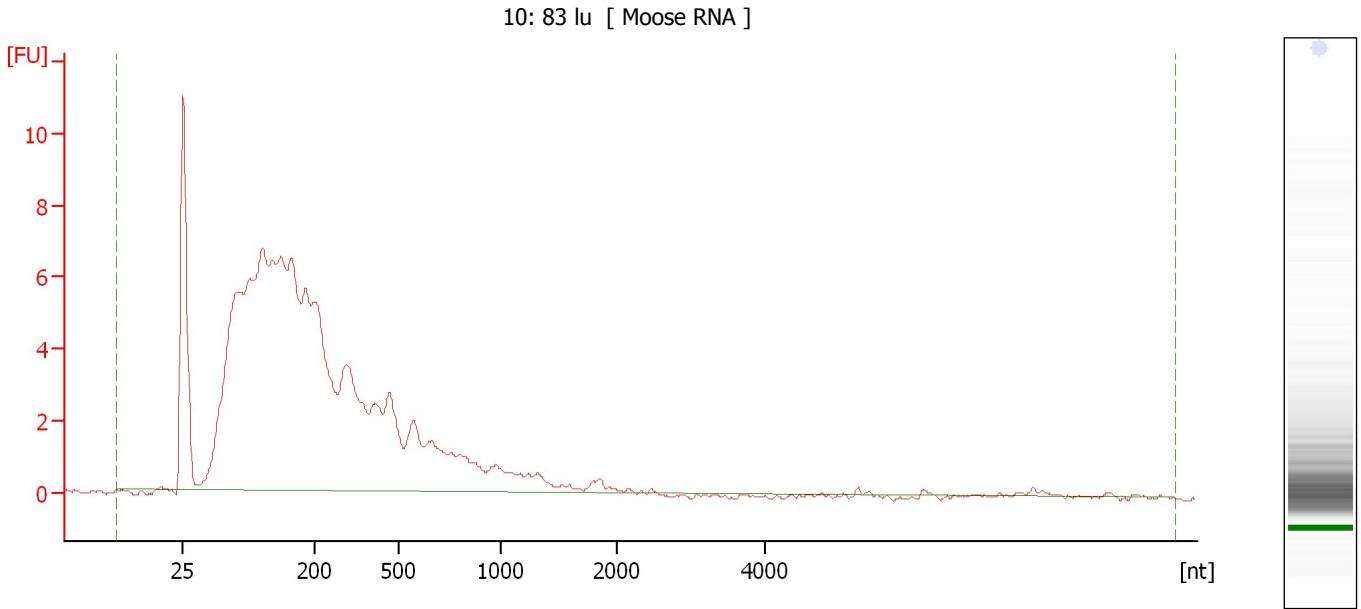
**Fragment table for sample 9 : 9: 82 ki**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,083	1,232	0.4	0.1

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : 10: 83 lu**

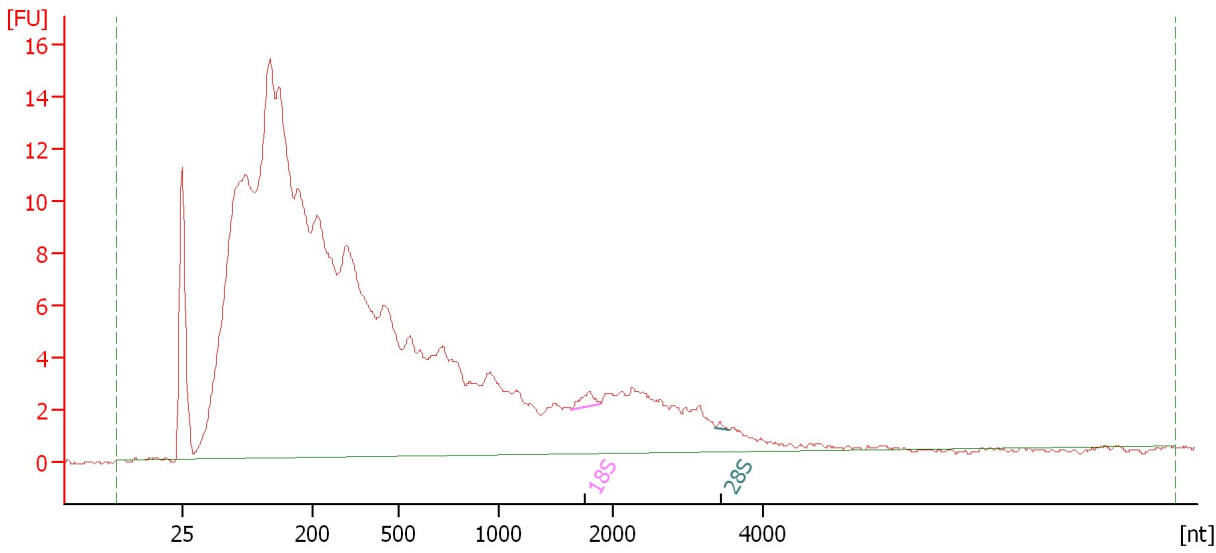
RNA Area:	155.0	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	89 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**

11: 83 In [ Moose RNA ]



**Overall Results for sample 11 : 11: 83 In**

RNA Area:	376.5	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	216 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.2	Result Flagging Label:	RIN: 2.30

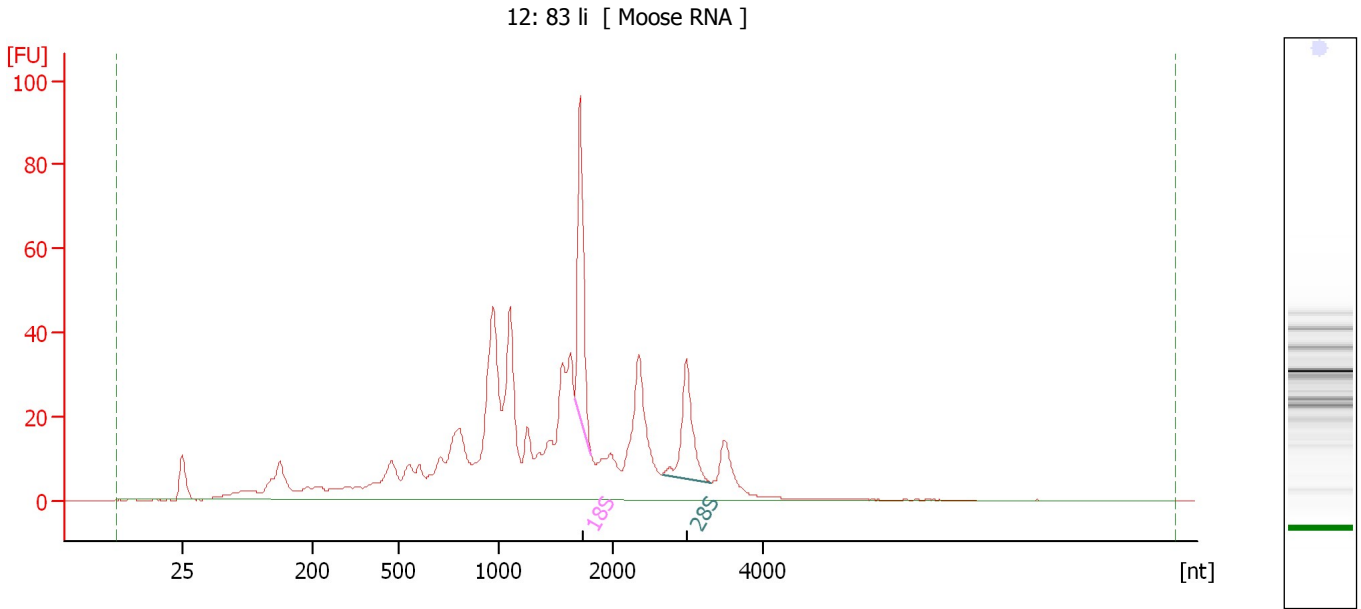
**Fragment table for sample 11 : 11: 83 In**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,626	1,887	0.9	0.2
28S	3,357	3,542	0.2	0.0

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 12 : 12: 83 li**

RNA Area:	738.8	RNA Integrity Number (RIN):	5.1 (B.02.08)
RNA Concentration:	424 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.7	Result Flagging Label:	RIN: 5.10

**Fragment table for sample 12 : 12: 83 li**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,654	1,803	54.6	7.4
28S	2,642	3,299	35.7	4.8

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-28\2017-06-28\_004.xad

Created: 6/28/2017 2:26:17 PM  
Modified: 6/28/2017 2:50:06 PM

**Gel Image**

