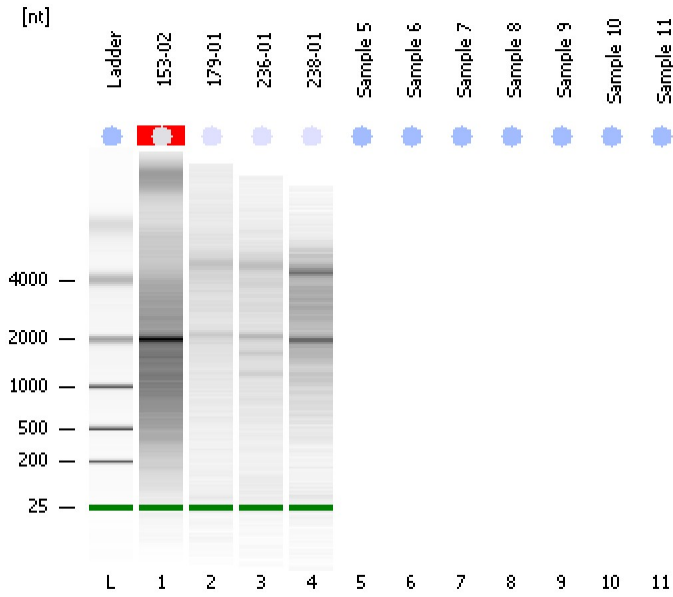


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
Modified: 6/12/2014 4:56:34 PM

Electrophoresis File Run Summary



Instrument Information:

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

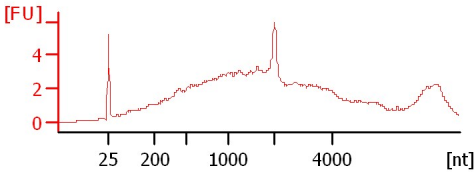
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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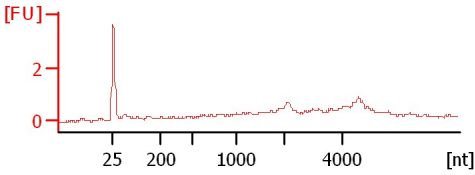
Chip Information:

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

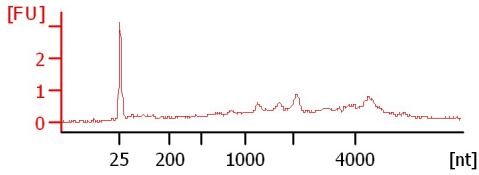
153-02
RIN N/A



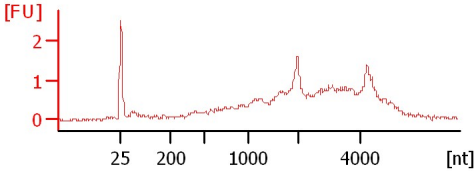
179-01
RIN: 1.70



236-01
RIN: 2.90



238-01
RIN: 3.50



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
 Modified: 6/12/2014 4:56:34 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
153-02		✓	RIN N/A	
179-01		✓	RIN: 1.70	
236-01		✓	RIN: 2.90	
238-01		✓	RIN: 3.50	
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
Modified: 6/12/2014 4:56:34 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

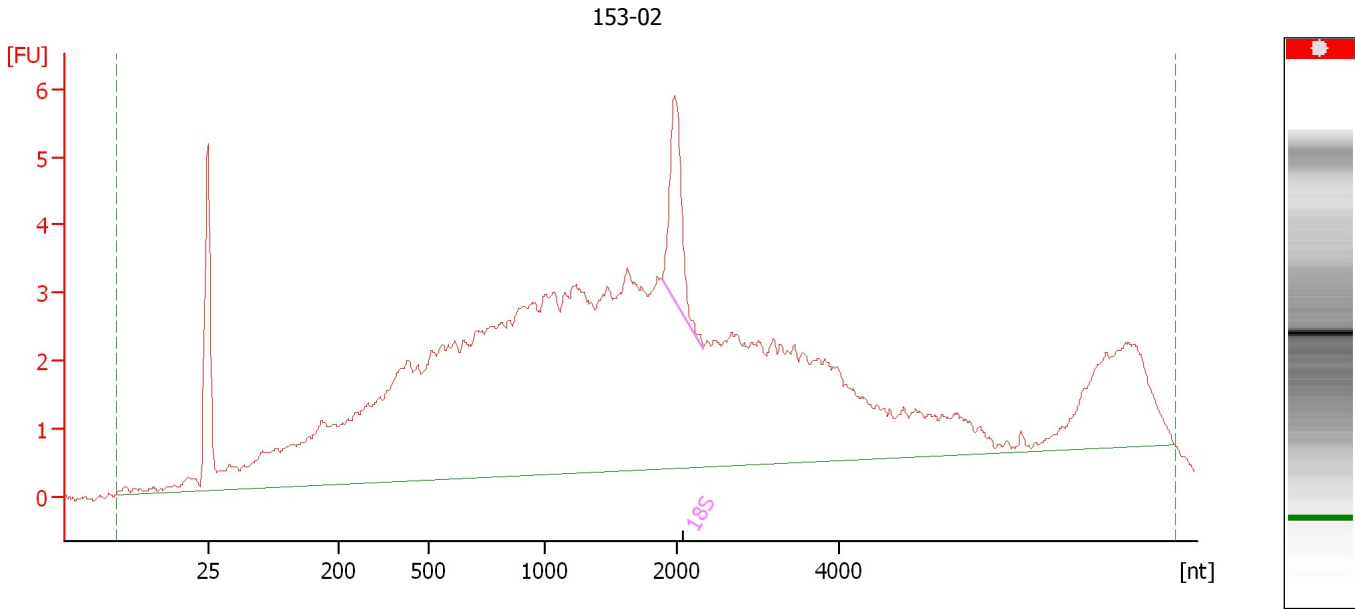
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
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Electropherogram Summary



Overall Results for sample 1 : 153-02

RNA Area:	147.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	732 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

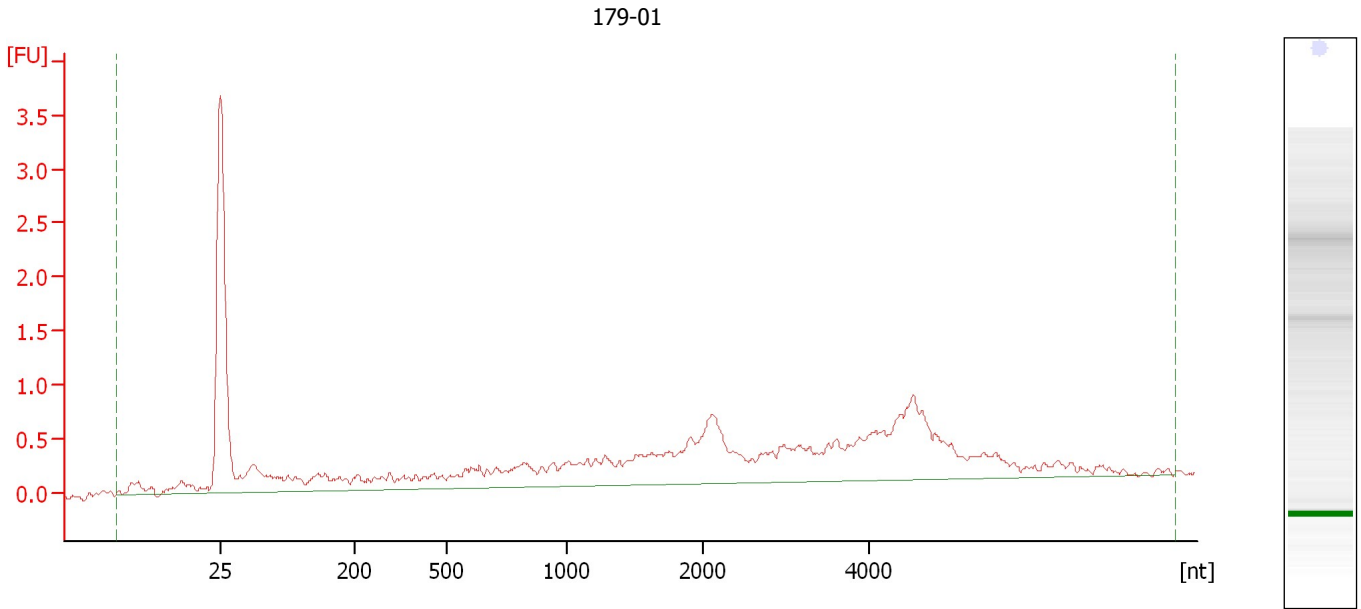
Fragment table for sample 1 : 153-02

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,882	2,321	4.2	2.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
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Electropherogram Summary Continued ...



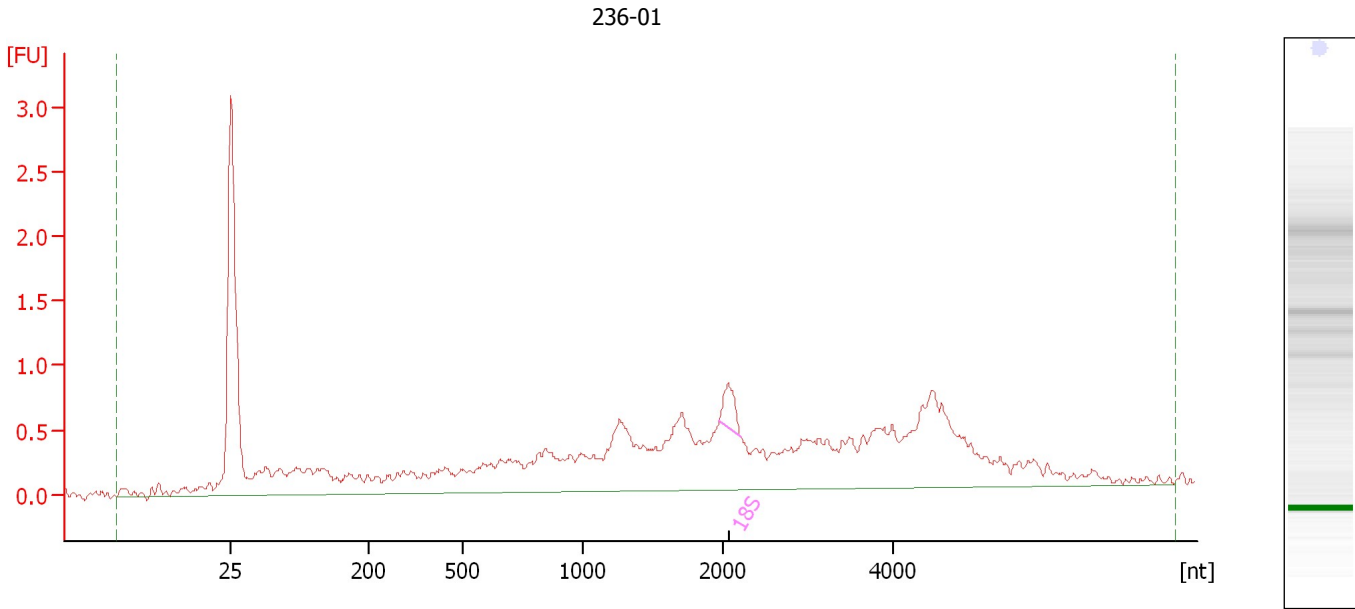
Overall Results for sample 2 : 179-01

RNA Area:	21.8	RNA Integrity Number (RIN):	1.7 (B.02.08)
RNA Concentration:	108 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.70

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
Modified: 6/12/2014 4:56:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 236-01

RNA Area:	25.6	RNA Integrity Number (RIN):	2.9 (B.02.08)
RNA Concentration:	127 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.90

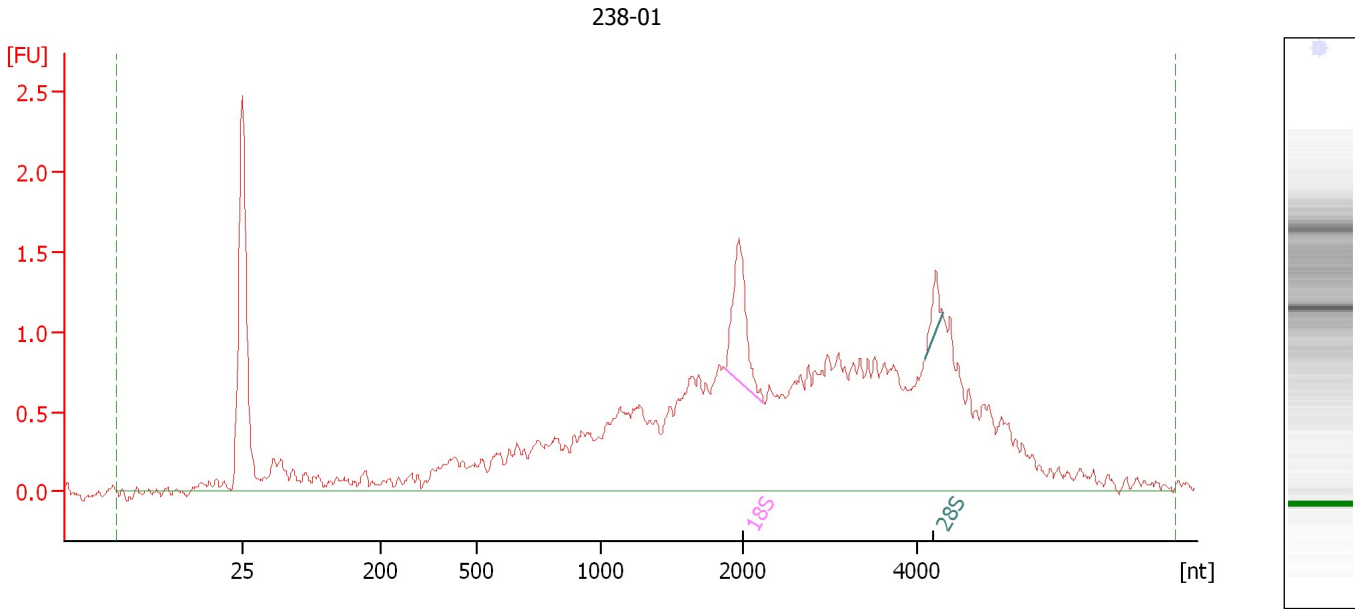
Fragment table for sample 3 : 236-01

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,977	2,214	0.4	1.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
Modified: 6/12/2014 4:56:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 238-01

RNA Area:	34.5	RNA Integrity Number (RIN):	3.5 (B.02.08)
RNA Concentration:	171 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.2	Result Flagging Label:	RIN: 3.50

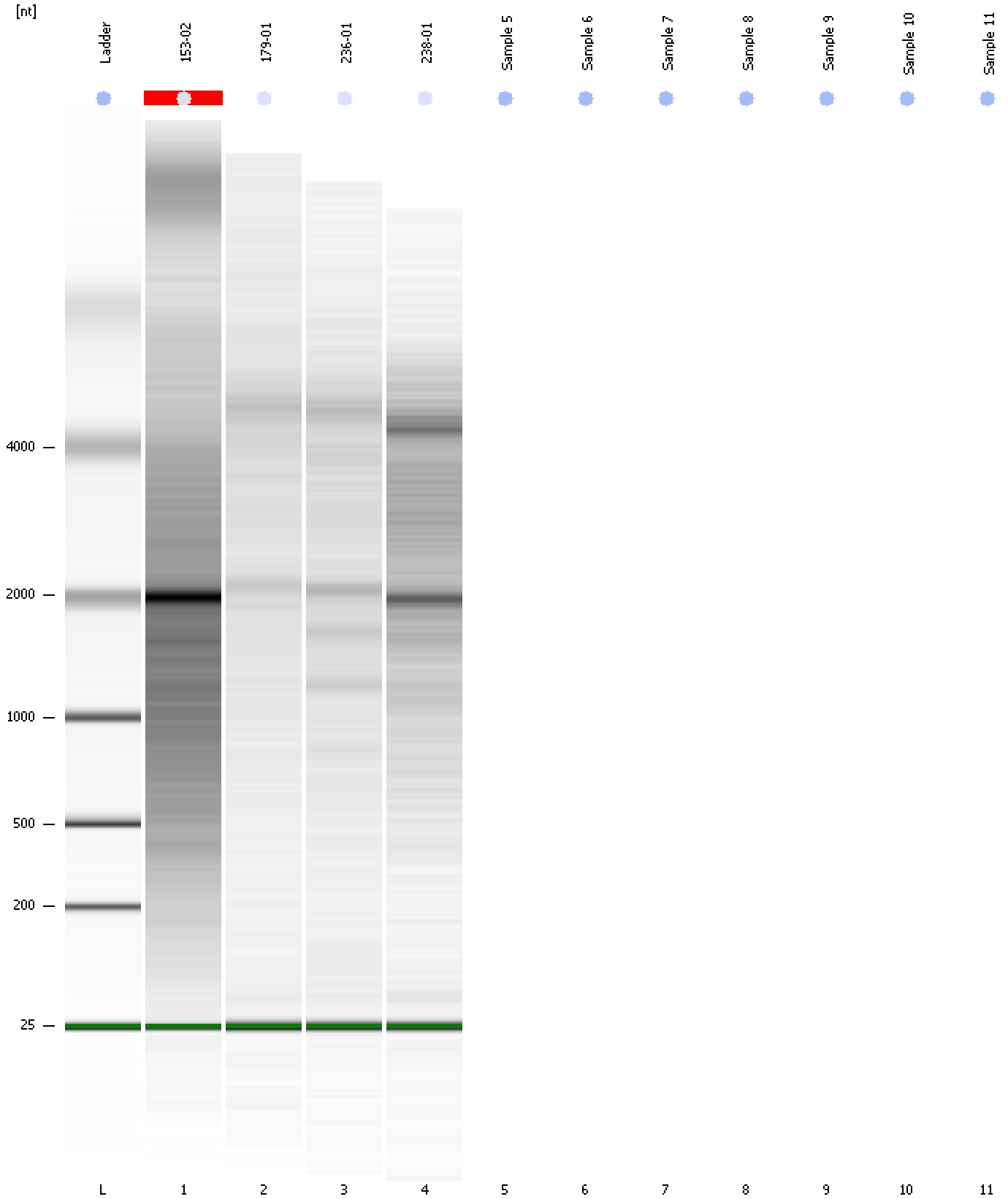
Fragment table for sample 4 : 238-01

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,870	2,231	1.3	3.7
28S	4,110	4,308	0.2	0.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
Modified: 6/12/2014 4:56:34 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-12\2014-06-12_002.xad

Created: 6/12/2014 4:43:37 PM
Modified: 6/12/2014 4:56:34 PM

Invalid Samples

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.