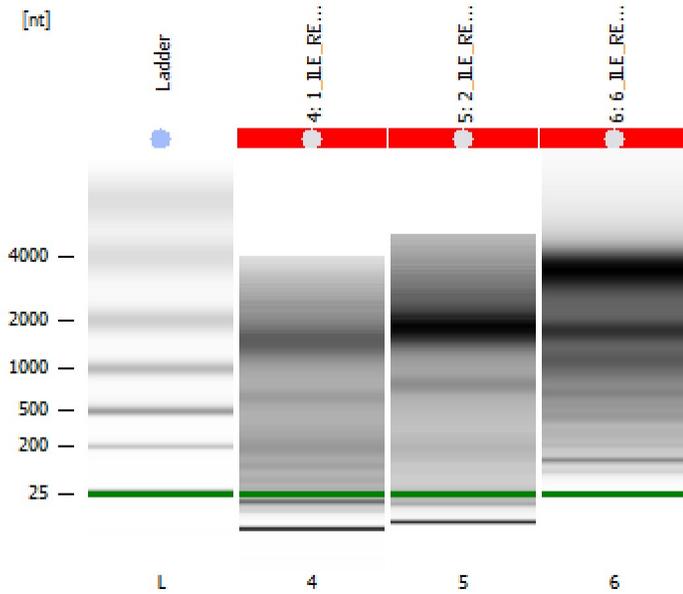


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
Modified: 6/12/2023 1:18:14 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

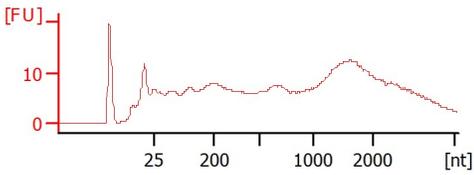
Assay Information:

Assay Origin Path: C:\Program Files (x86)\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.

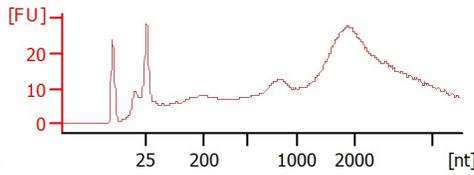
Chip Information:

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

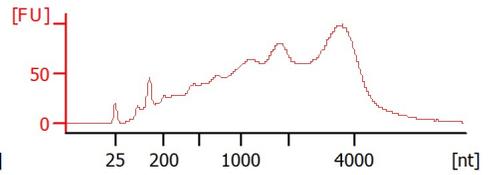
**4: 1\_ILE\_REDO**  
TAG0213  
RIN N/A



**5: 2\_ILE\_REDO**  
TAG0213  
RIN N/A



**6: 6\_ILE\_REDO**  
TAG0213  
RIN N/A



Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
 Modified: 6/12/2023 1:18:14 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
4: 1_ILE_REDO	TAG0213	✓	RIN N/A	
5: 2_ILE_REDO	TAG0213	✓	RIN N/A	
6: 6_ILE_REDO	TAG0213	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
 Modified: 6/12/2023 1:18:14 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/μl] : 1000  
 Lower Marker Concentration [pg/μl] : 0  
 Upper Marker Concentration [pg/μl] : 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

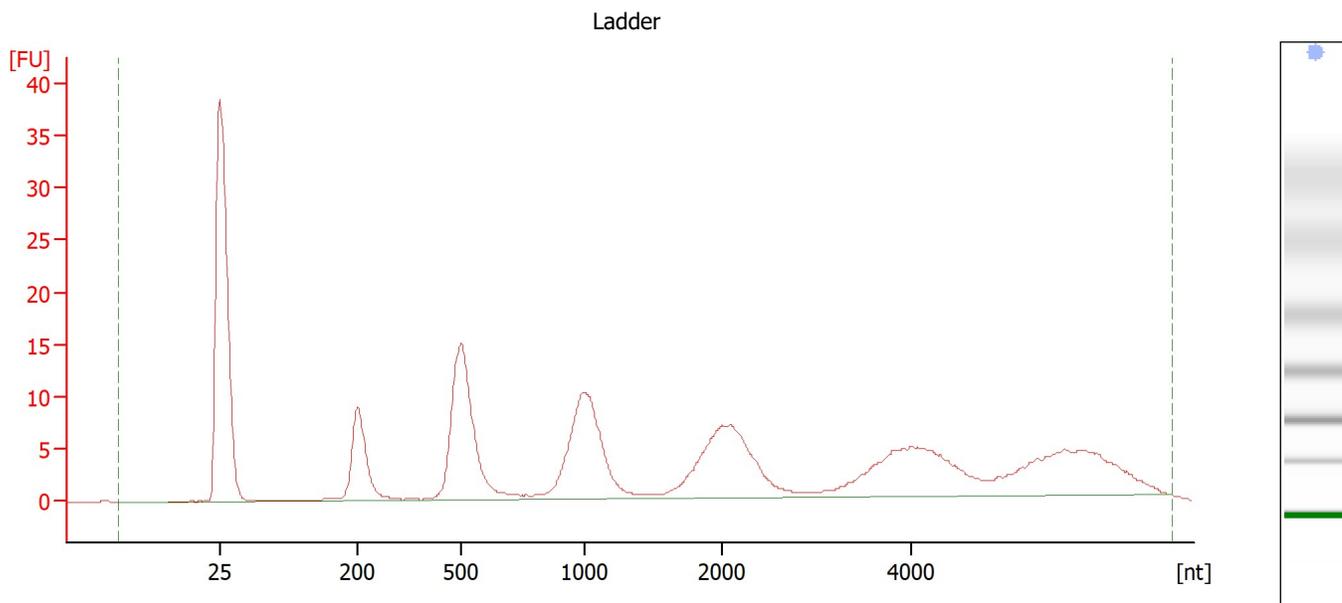
**Ladder**

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

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
Modified: 6/12/2023 1:18:14 PM

**Electropherogram Summary**



**Overall Results for Ladder**

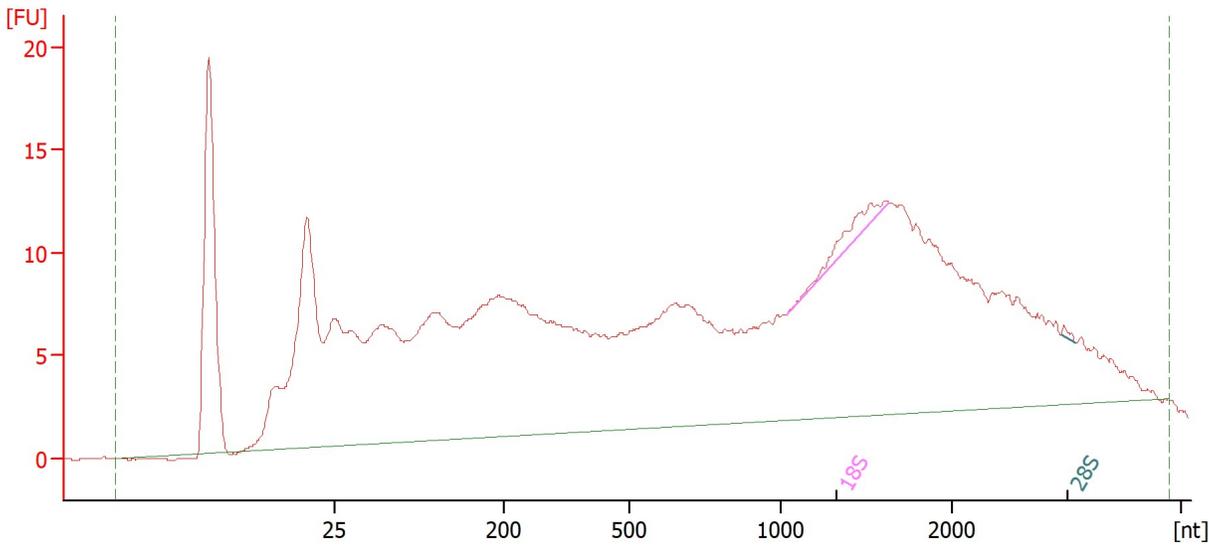
RNA Area:	233.8	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/ $\mu$ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
 Modified: 6/12/2023 1:18:14 PM

**Electropherogram Summary Continued ...**

4: 1\_ILE\_REDO [ TAG0213 ]



**Overall Results for sample 4 : 4: 1 ILE REDO**

RNA Area:	563.2	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	2,409 pg/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]:	0.1	Result Flagging Label:	RIN N/A

**Fragment table for sample 4 : 4: 1 ILE REDO**

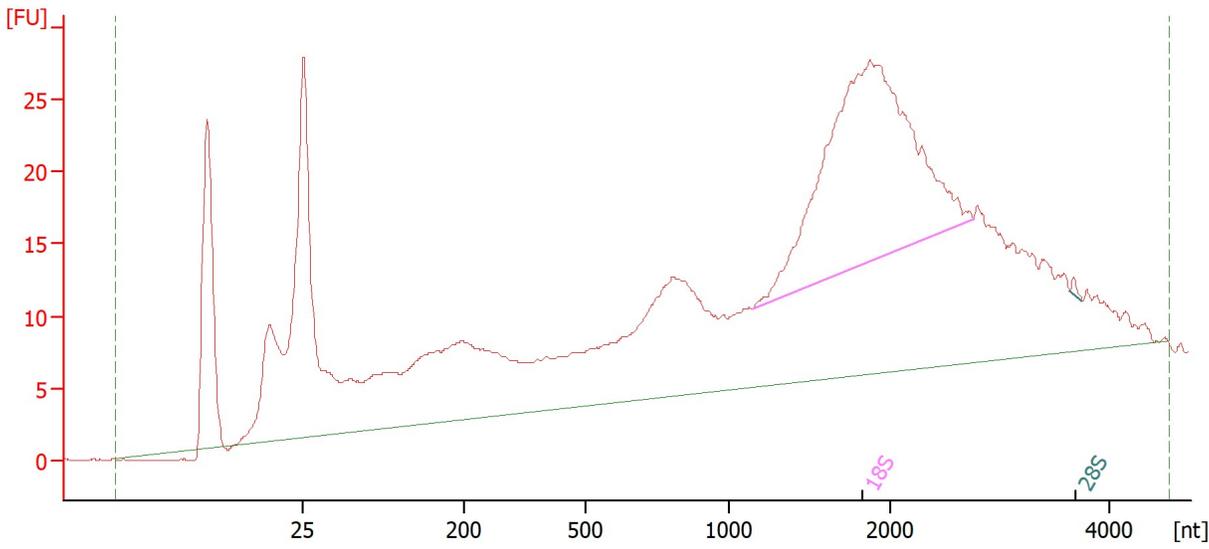
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,032	1,634	4.8	0.8
28S	2,955	3,084	0.3	0.1

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
 Modified: 6/12/2023 1:18:14 PM

**Electropherogram Summary Continued ...**

5: 2\_ILE\_REDO [ TAG0213 ]



**Overall Results for sample 5 : 5: 2\_ILE\_REDO**

RNA Area:	659.9	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	2,822 pg/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

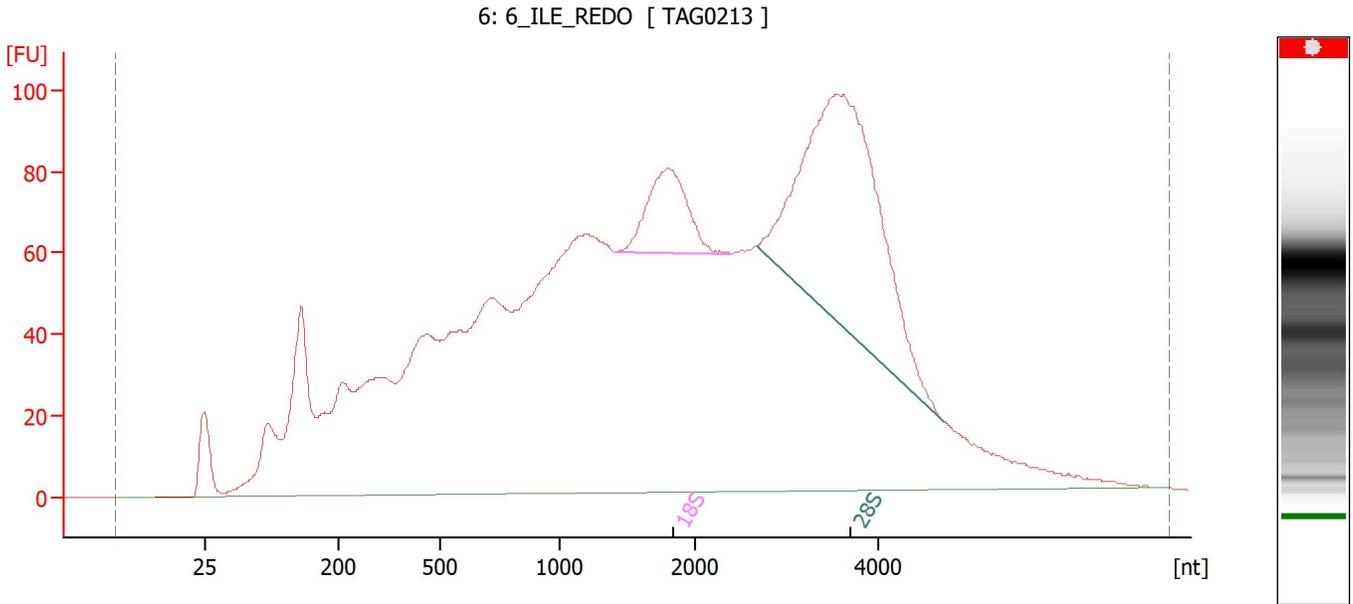
**Fragment table for sample 5 : 5: 2\_ILE\_REDO**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,149	2,755	123.0	18.6
28S	3,636	3,742	0.5	0.1

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
 Modified: 6/12/2023 1:18:14 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 6: 6 ILE REDO**

RNA Area:	3,963.5	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	16,953 pg/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]:	4.5	Result Flagging Label:	RIN N/A

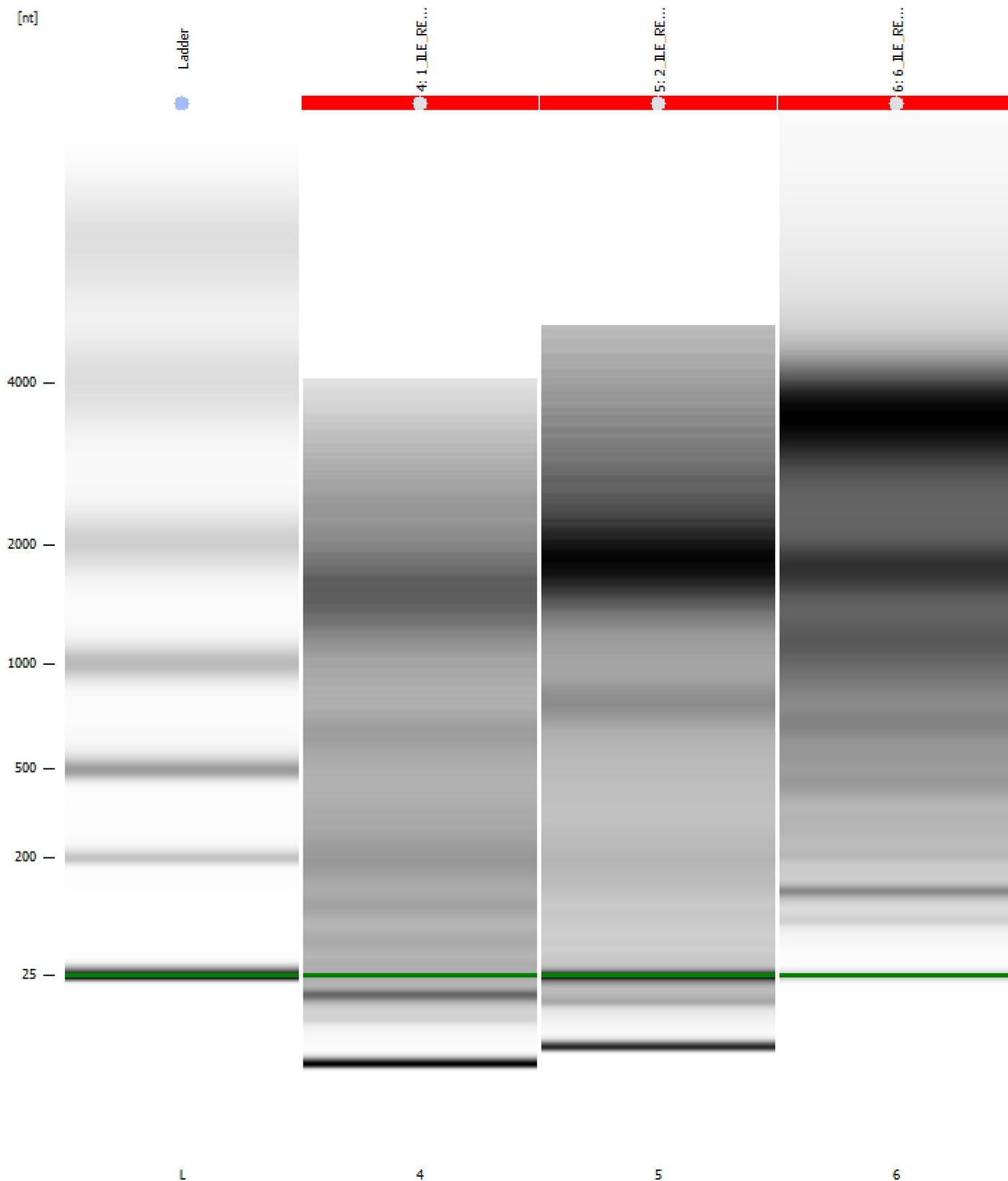
**Fragment table for sample 6 : 6: 6 ILE REDO**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,406	2,402	101.6	2.6
28S	2,680	4,707	456.5	11.5

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
Modified: 6/12/2023 1:18:14 PM

**Gel Image**

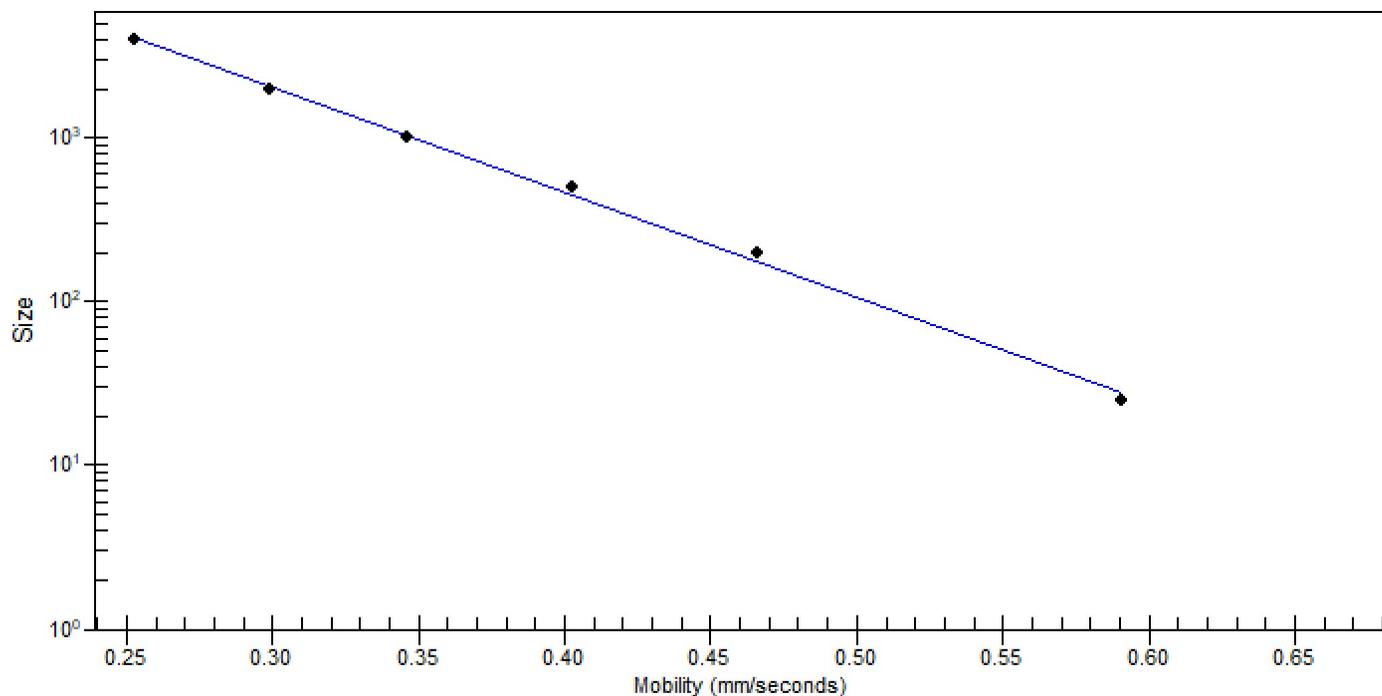


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
Modified: 6/12/2023 1:18:14 PM

**Curves**

**Standard Curve**



Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er1\_Eukaryote Total RNA Pico\_2023-06-12\_002\_QTAG213\_4-6.xad

Created: 6/12/2023 12:47:18 PM  
 Modified: 6/12/2023 1:18:14 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		6/12/2023 1:09:19 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Users\sbsuser\Desktop\2023-06-12\Bioanalyzer1_Eukaryote Total RNA Pico_2023-06-12_002.xad)		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		6/12/2023 12:47:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB