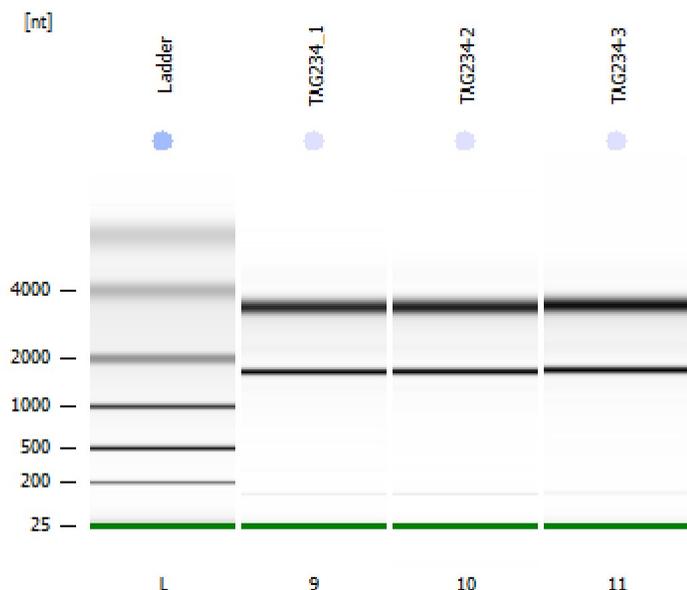


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
 Modified: 10/20/2023 5:11:58 PM

Electrophoresis File Run Summary



Instrument Information:

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

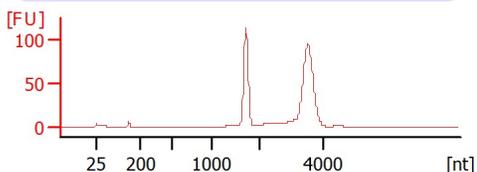
Assay Information:

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.

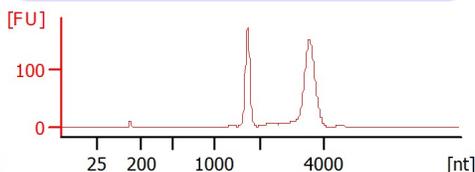
Chip Information:

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

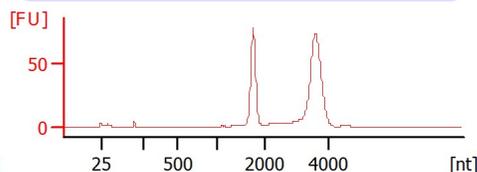
TAG234_1
 RIN: 9.80



TAG234-2
 RIN: 9.90



TAG234-3
 RIN: 9.90



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
Modified: 10/20/2023 5:11:58 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
TAG234_1		✓	RIN: 9.80	
TAG234-2		✓	RIN: 9.90	
TAG234-3		✓	RIN: 9.90	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
Modified: 10/20/2023 5:11:58 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

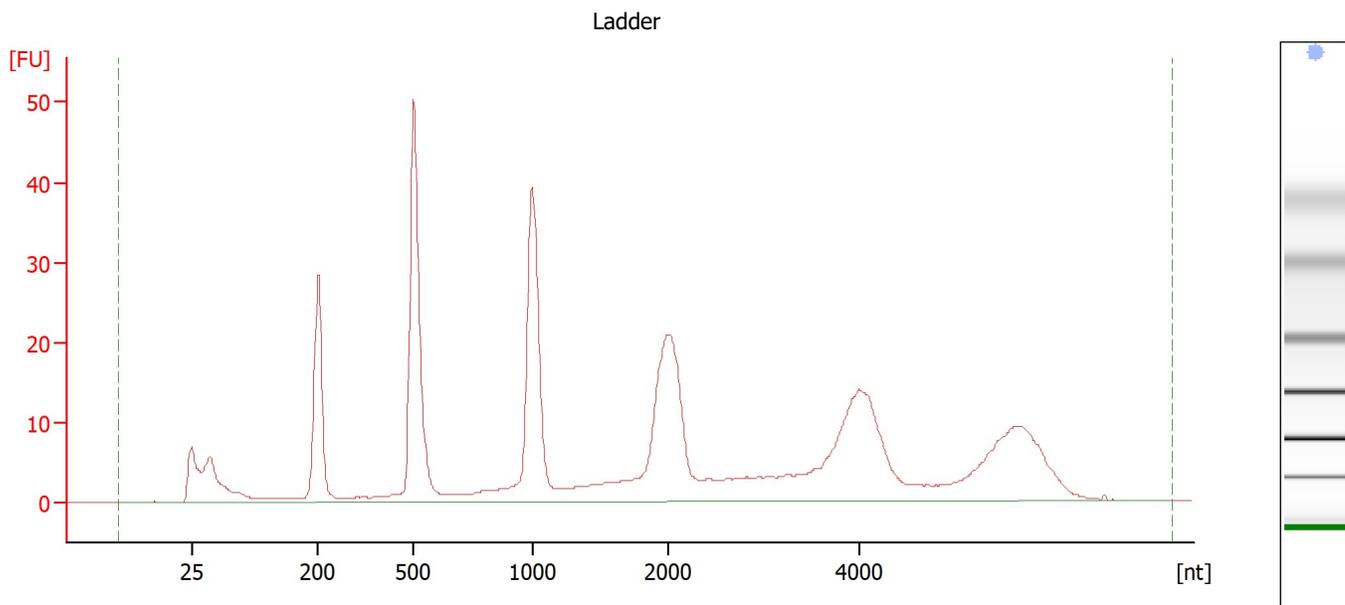
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
Modified: 10/20/2023 5:11:58 PM

Electropherogram Summary



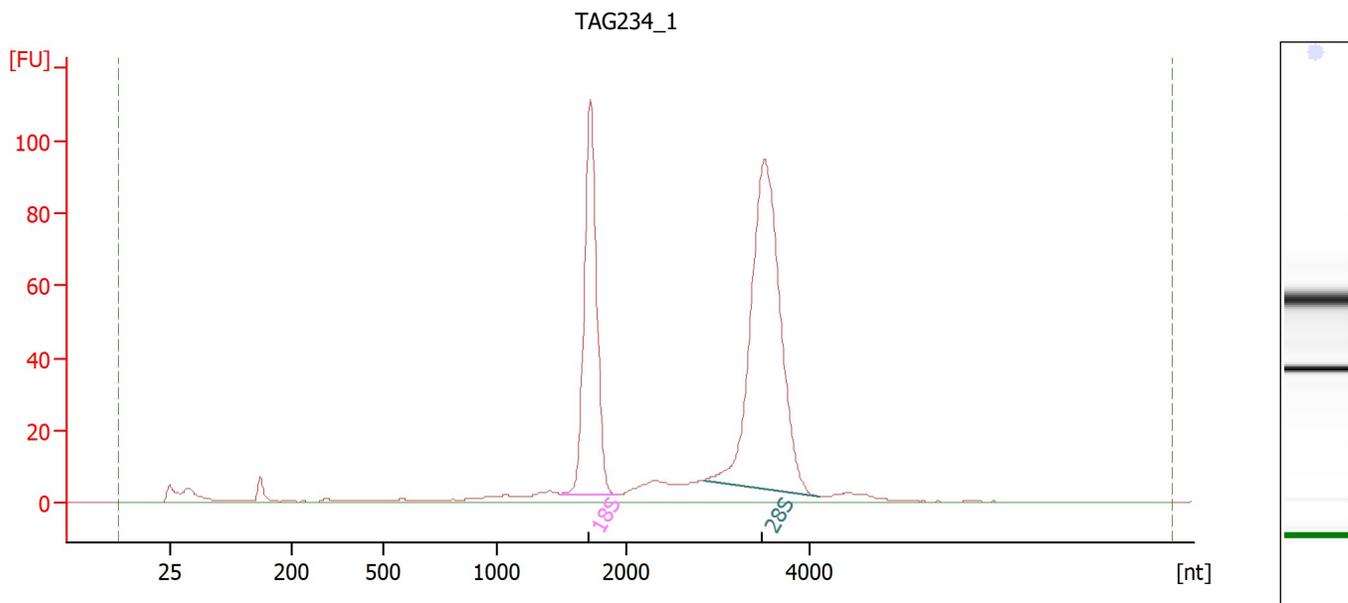
Overall Results for Ladder

RNA Area:	474.4	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
 Modified: 10/20/2023 5:11:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : TAG234_1

RNA Area:	648.3	RNA Integrity Number (RIN):	9.8 (B.02.10)
RNA Concentration:	1,367 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 9.80

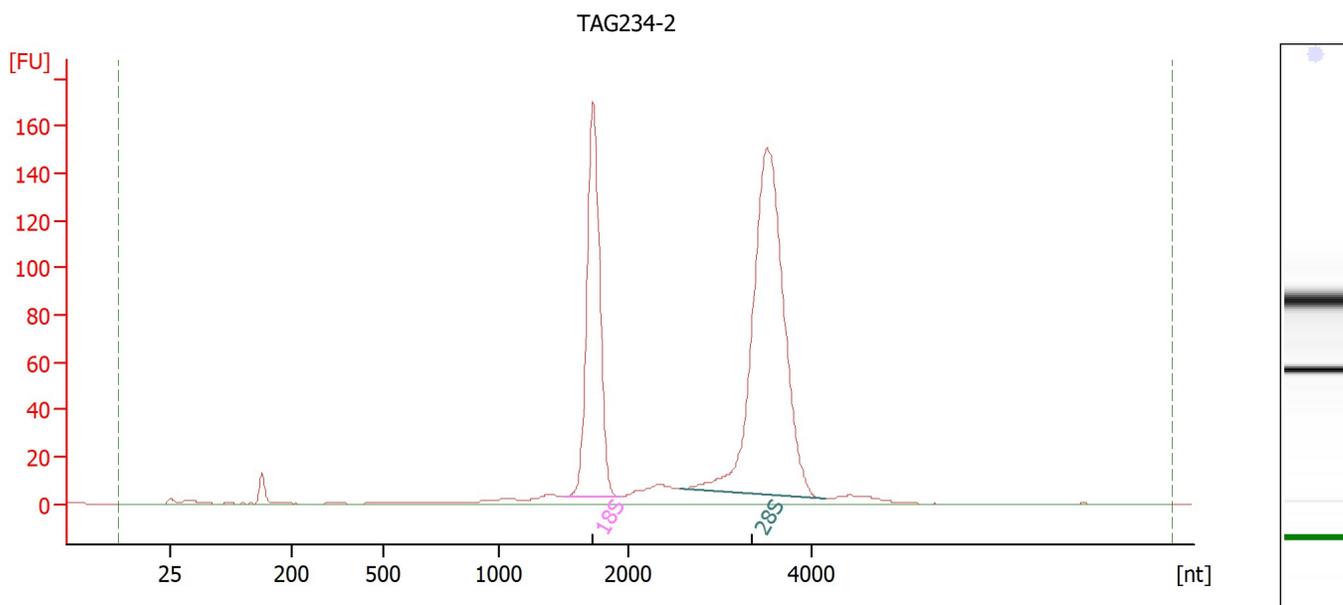
Fragment table for sample 9 : TAG234_1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,498	1,931	177.3	27.3
28S	2,859	4,110	293.1	45.2

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
 Modified: 10/20/2023 5:11:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : TAG234-2

RNA Area:	1,000.0	RNA Integrity Number (RIN):	9.9 (B.02.10)
RNA Concentration:	2,108 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.90

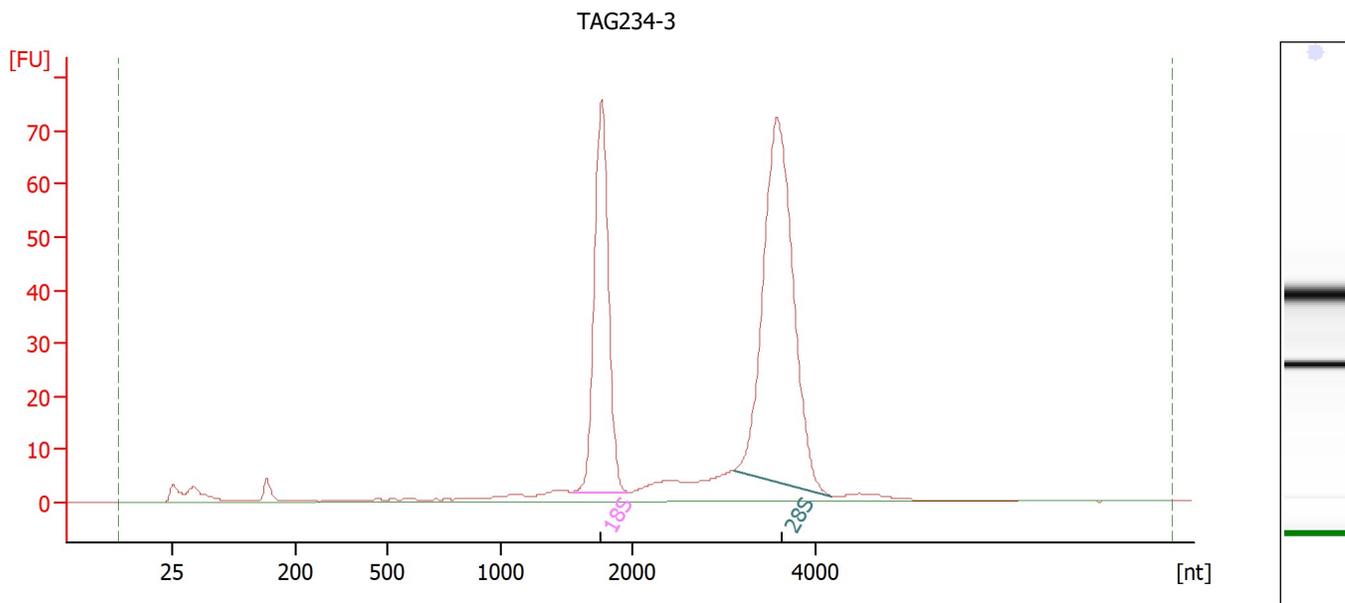
Fragment table for sample 10 : TAG234-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,507	1,931	282.4	28.2
28S	2,566	4,152	504.3	50.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
 Modified: 10/20/2023 5:11:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : TAG234-3

RNA Area:	499.6	RNA Integrity Number (RIN):	9.9 (B.02.10)
RNA Concentration:	1,053 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.90

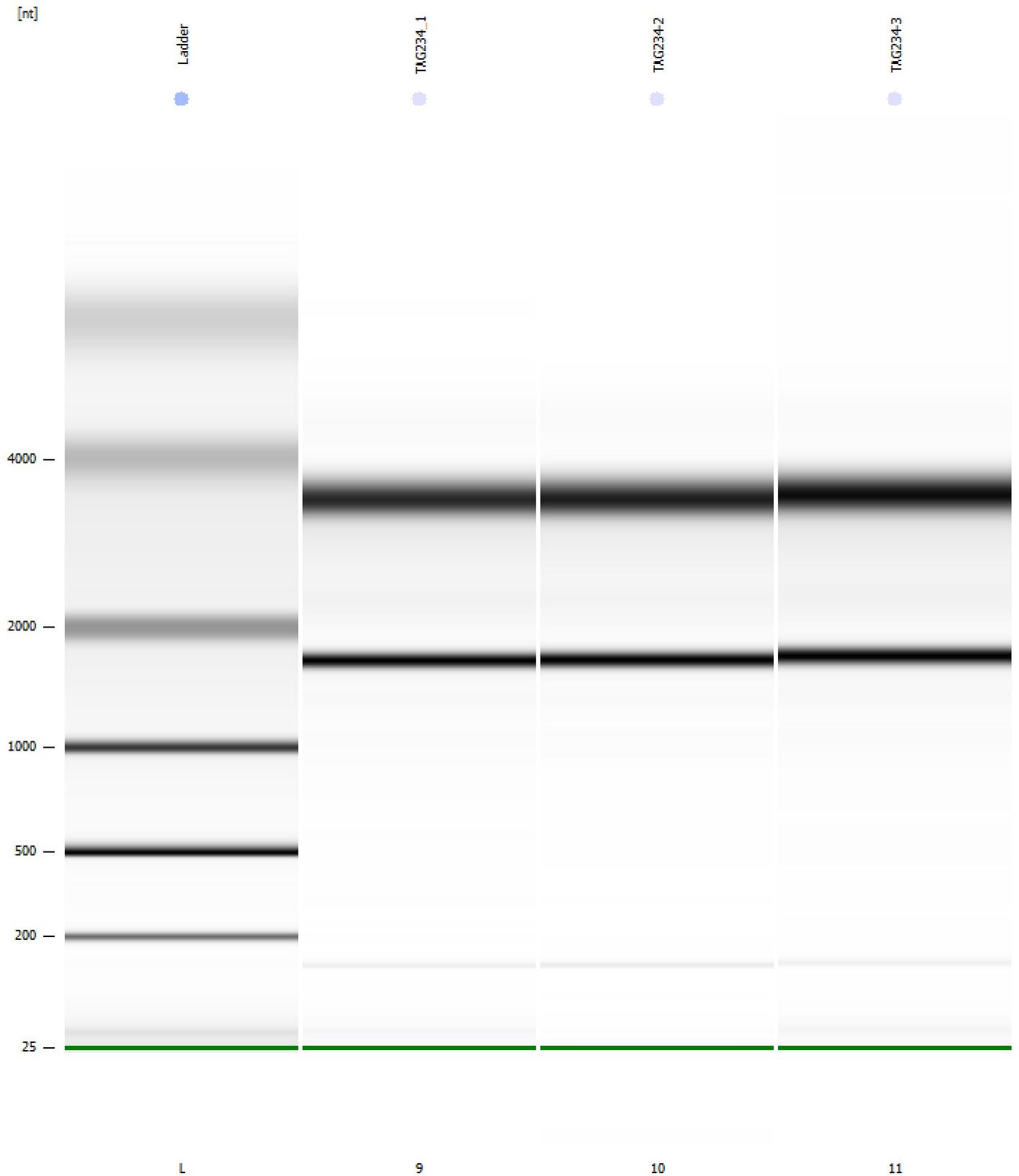
Fragment table for sample 11 : TAG234-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,534	1,972	135.1	27.0
28S	3,098	4,166	220.9	44.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
Modified: 10/20/2023 5:11:58 PM

Gel Image

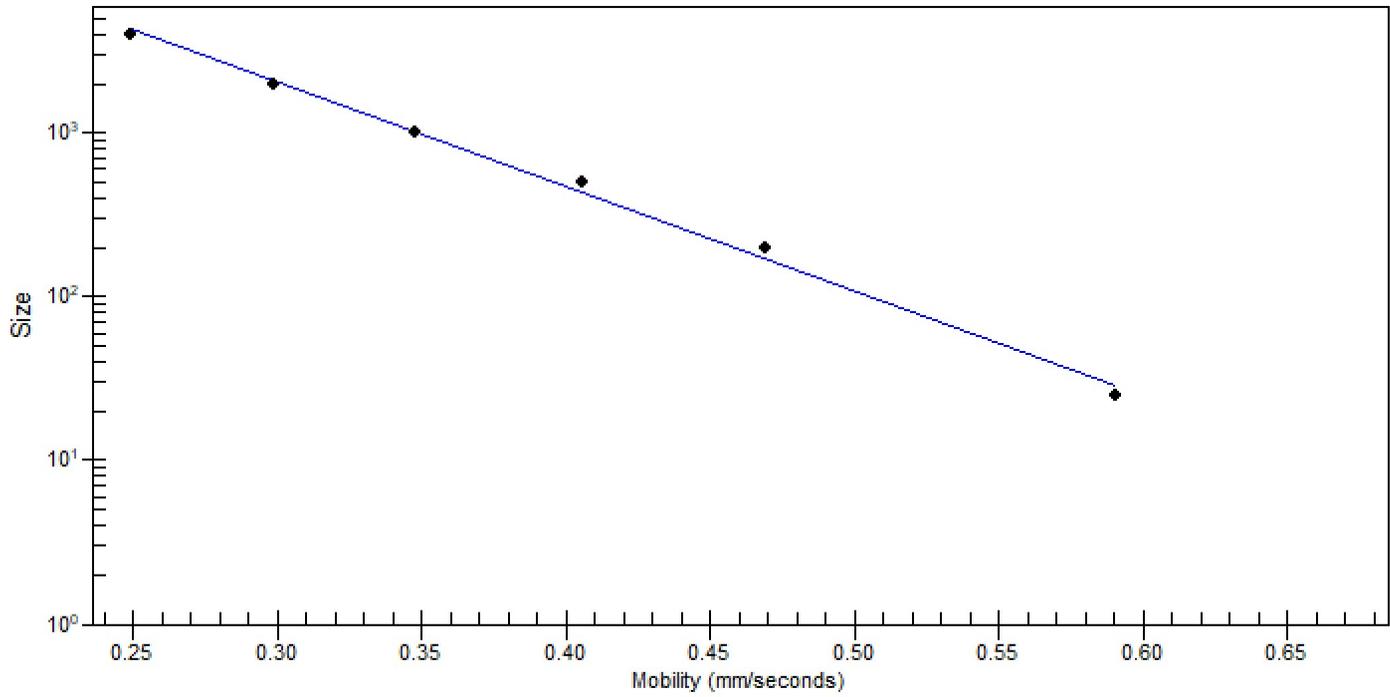


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
Modified: 10/20/2023 5:11:58 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-10-20\TAG0234_1-3.xad

Created: 10/20/2023 4:24:44 PM
 Modified: 10/20/2023 5:11:58 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		10/20/2023 4:47:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2023-10-20\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2023-10-20_003.xad)		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		10/20/2023 4:24:51 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB