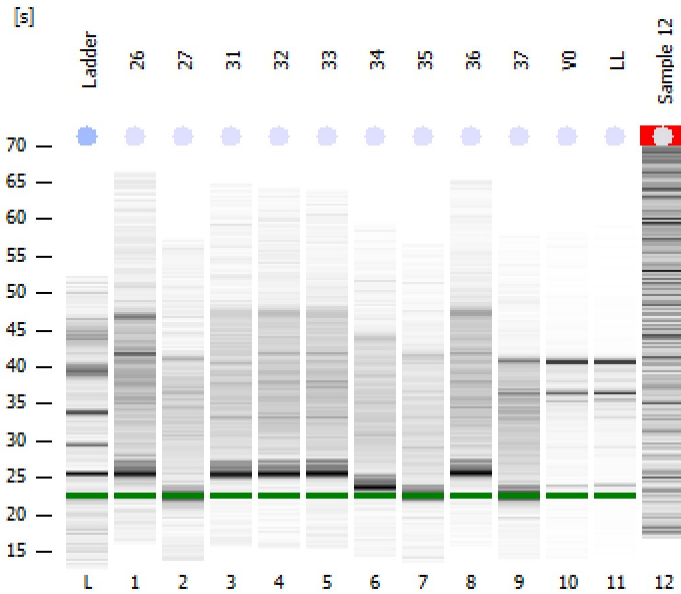


Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
Modified: 3/17/2020 9:54:04 AM

Electrophoresis File Run Summary



Instrument Information:

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

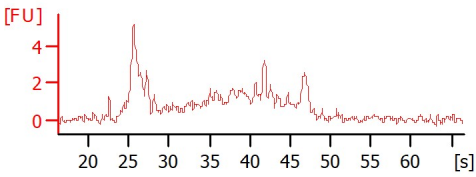
Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA 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.

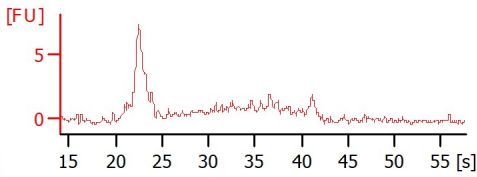
Chip Information:

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

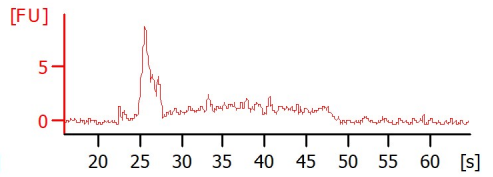
26
NovaSeq201
RIN: 3.80



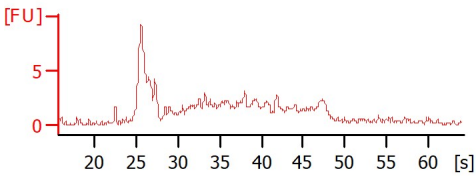
27
NovaSeq201
RIN: 5.20



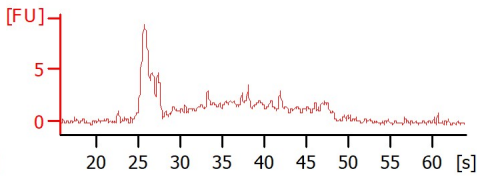
31
NovaSeq201
RIN: 2.60



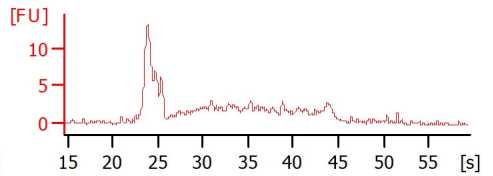
32
NovaSeq201
RIN: 2.80



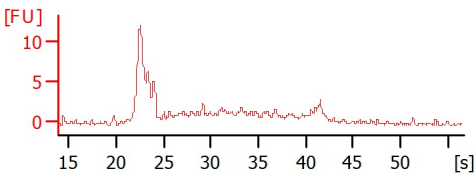
33
NovaSeq201
RIN: 2.60



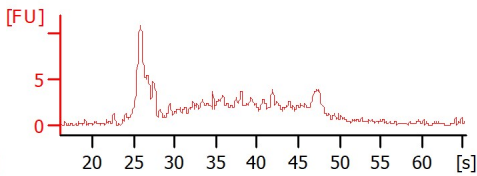
34
NovaSeq201
RIN: 2.60



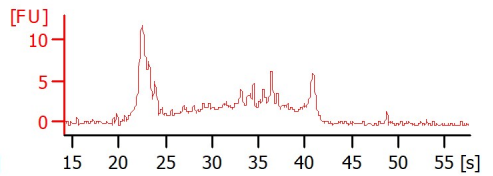
35
NovaSeq201
RIN: 3.30



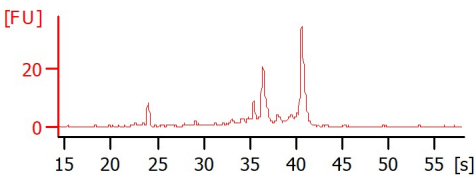
36
NovaSeq201
RIN: 2.90



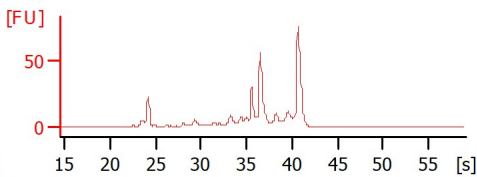
37
NovaSeq201
RIN: 5.10



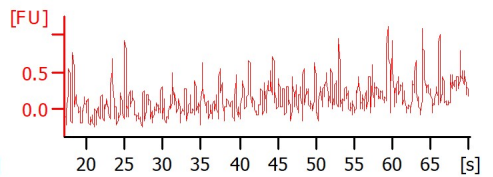
v0
RIN: 5.80



LL
RIN: 5.50



Sample 12
RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
 Modified: 3/17/2020 9:54:04 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
26	NovaSeq201	✓	RIN: 3.80	
27	NovaSeq201	✓	RIN: 5.20	
31	NovaSeq201	✓	RIN: 2.60	
32	NovaSeq201	✓	RIN: 2.80	
33	NovaSeq201	✓	RIN: 2.60	
34	NovaSeq201	✓	RIN: 2.60	
35	NovaSeq201	✓	RIN: 3.30	
36	NovaSeq201	✓	RIN: 2.90	
37	NovaSeq201	✓	RIN: 5.10	
V0		✓	RIN: 5.80	
LL		✓	RIN: 5.50	
Sample 12		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
 Modified: 3/17/2020 9:54:04 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
 Minimum Visible Range [s] : 17
 Maximum Visible Range [s] : 70
 Start Analysis Time Range [s] : 19
 End Analysis Time Range [s] : 69
 Ladder Concentration [ng/μl] : 150
 Lower Marker Concentration [ng/μl] : 0
 Upper Marker Concentration [ng/μl] : 0
 Used Lower Marker for Quantitation
 Standard Curve Fit is Logarithmic
 Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
 Integration End Time [s] : 69
 Slope Threshold : 0.6
 Height Threshold [FU] : 0.5
 Area Threshold : 0.2
 Width Threshold [s] : 0.5
 Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
 Polynomial Order : 4

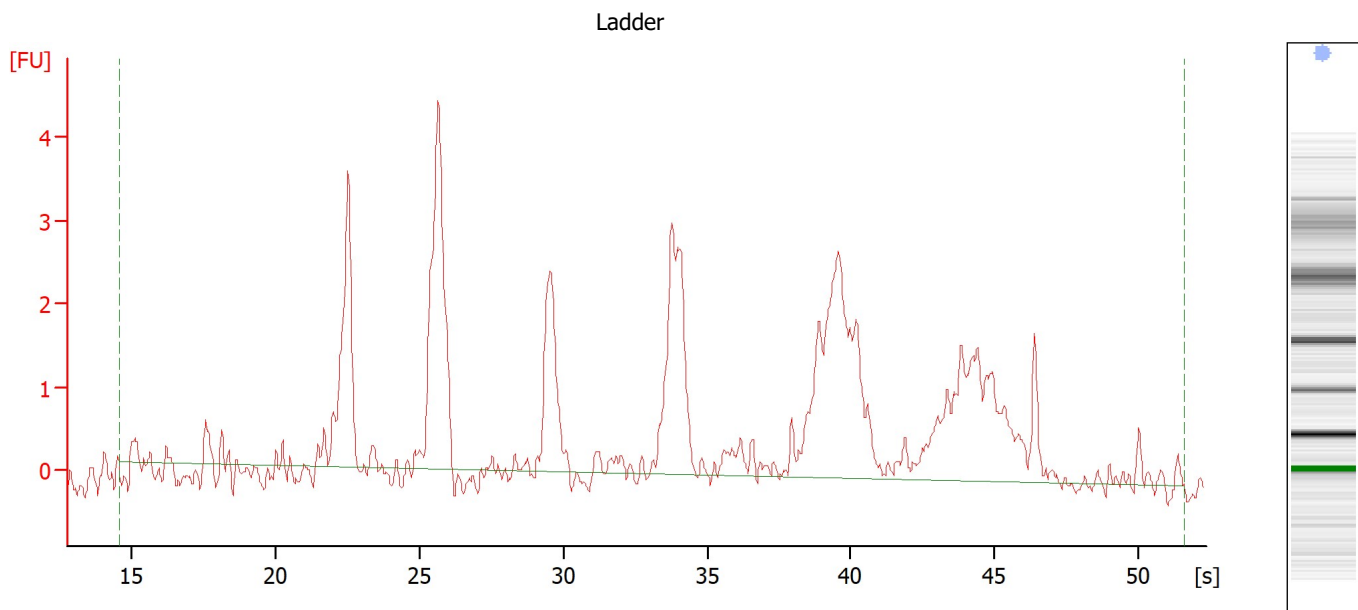
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
Modified: 3/17/2020 9:54:04 AM

Electropherogram Summary



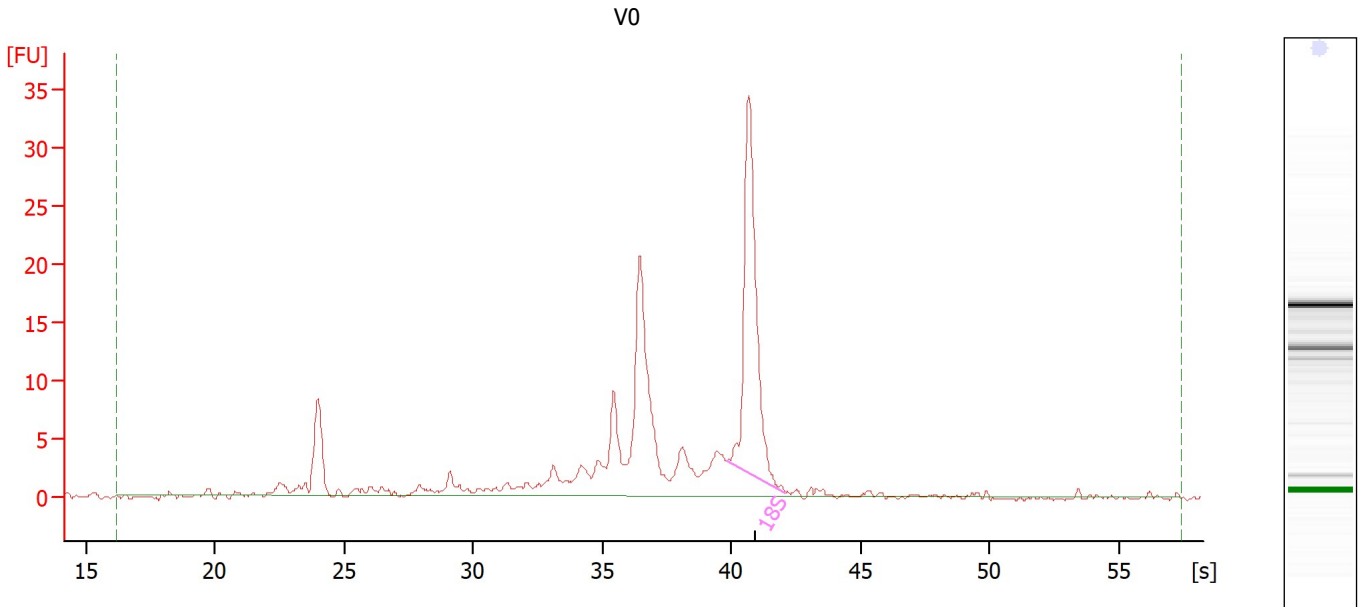
Overall Results for Ladder

RNA Area:	43.9	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
 Modified: 3/17/2020 9:54:04 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : V0

RNA Area:	161.9	RNA Integrity Number (RIN):	5.8 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	553 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.80

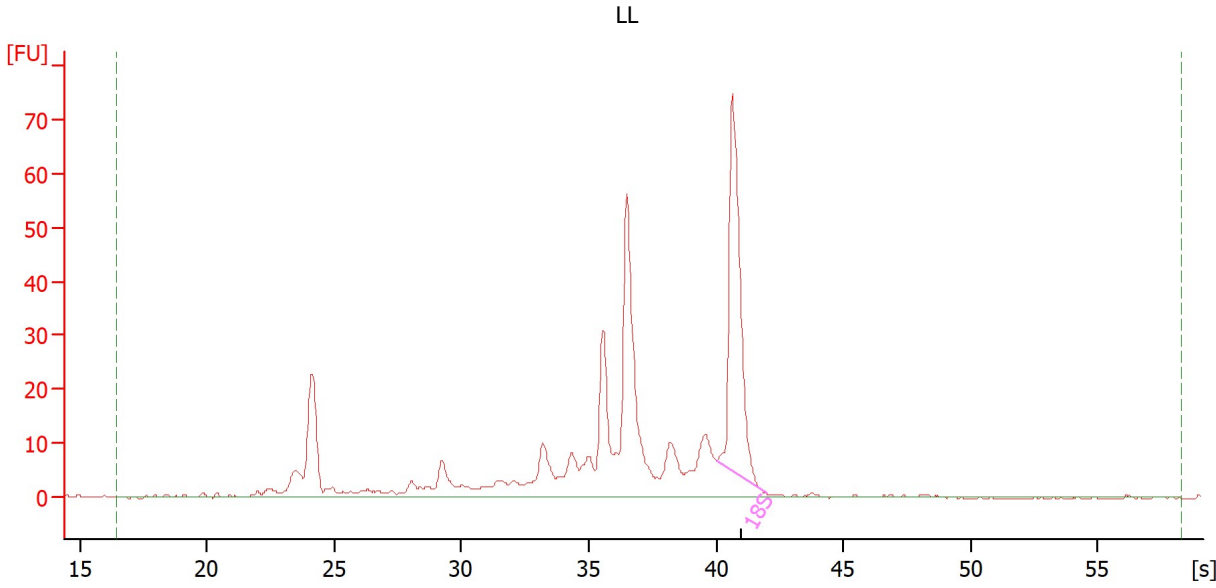
Fragment table for sample 10 : V0

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,863	10,513	42.0	26.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
 Modified: 3/17/2020 9:54:04 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : LL

RNA Area:	406.5	RNA Integrity Number (RIN):	5.5 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	1,389 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.50

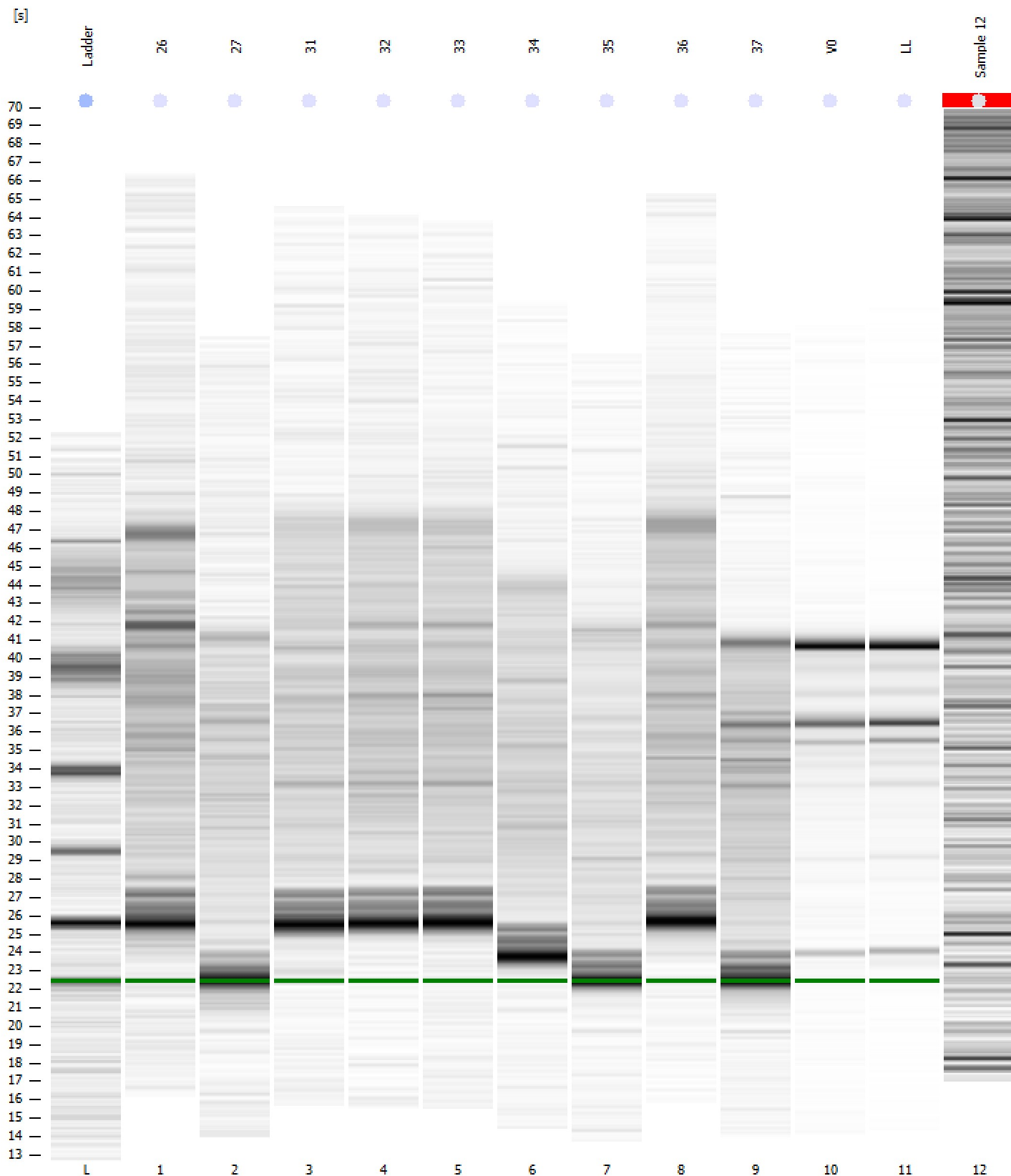
Fragment table for sample 11 : LL

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,731	10,084	84.0	20.7

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad

Created: 3/16/2020 11:04:26 AM
Modified: 3/17/2020 9:54:04 AM

Gel Image



Assay Class: Eukaryote Total RNA Nano Created: 3/16/2020 11:04:26 AM
 Data Path: Z:\...16\Bioanalyzer1_Eukaryote Total RNA Nano_2020-03-16_002.xad Modified: 3/17/2020 9:54:04 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		3/16/2020 11:27:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-03-16\Bioanalyze r1_Eukaryote Total RNA Nano_2020-03-16_002.xad)		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		3/16/2020 11:04:32 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB