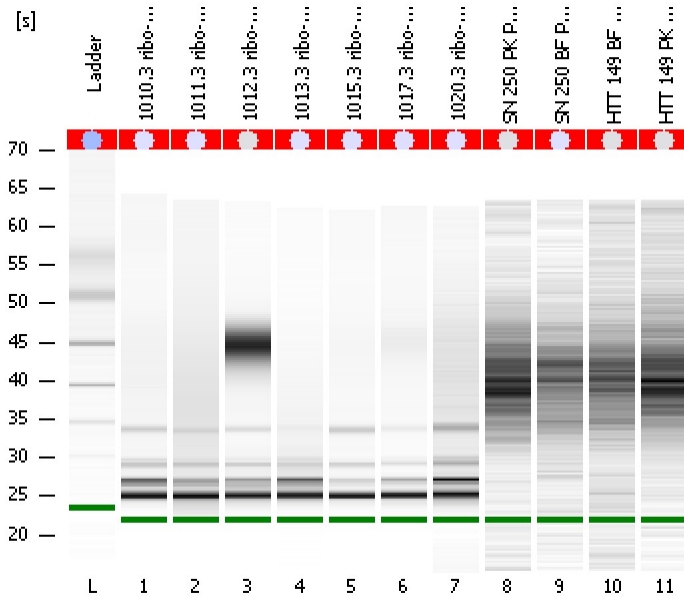


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electrophoresis File Run Summary



Instrument Information:

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

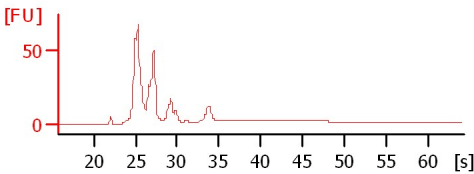
Assay Information:

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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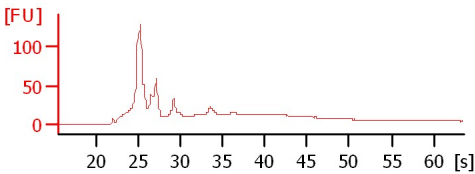
Chip Information:

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

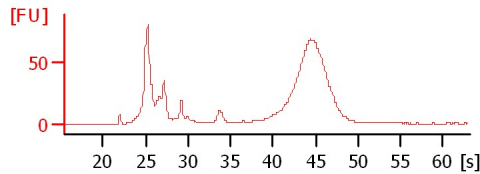
1010.3 ribo-depleted RNA
RIN: 2.30



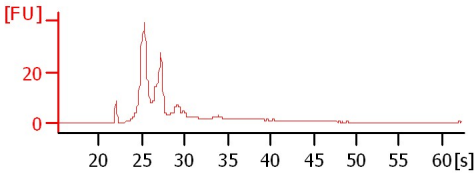
1011.3 ribo-depleted RNA
RIN: 2.20



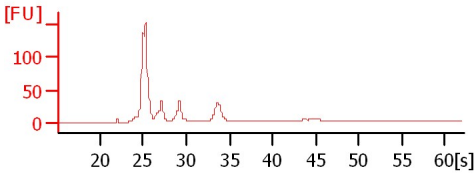
1012.3 ribo-depleted RNA
RIN N/A



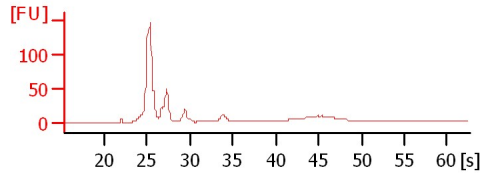
1013.3 ribo-depleted RNA
RIN: 2.30



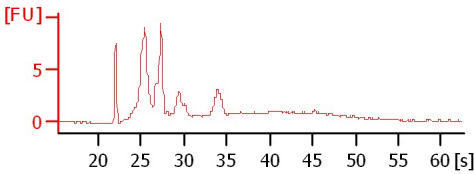
1015.3 ribo-depleted RNA
RIN: 2.50



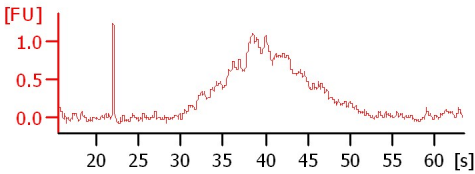
1017.3 ribo-depleted RNA
RIN: 2.40



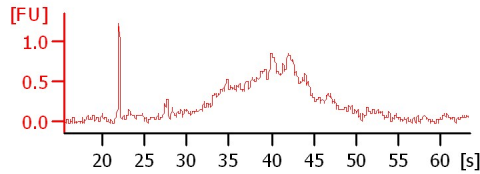
1020.3 ribo-depleted RNA
RIN: 2.40



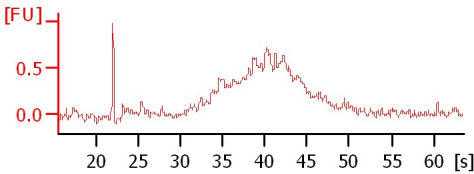
SN 250 PK PolyA mRNA
RIN N/A



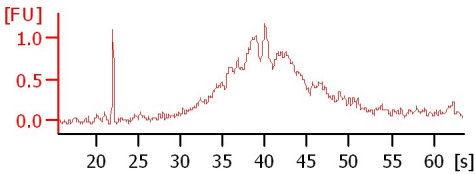
SN 250 BF PolyA mRNA
RIN: 2.40



HTT 149 BF PolyA mRNA
RIN N/A



HTT 149 PK PolyA mRNA
RIN N/A



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
 Modified: 11/3/2014 11:58:39 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
1010.3 ribo-depleted RNA		✓	RIN: 2.30	
1011.3 ribo-depleted RNA		✓	RIN: 2.20	
1012.3 ribo-depleted RNA		✓	RIN N/A	
1013.3 ribo-depleted RNA		✓	RIN: 2.30	
1015.3 ribo-depleted RNA		✓	RIN: 2.50	
1017.3 ribo-depleted RNA		✓	RIN: 2.40	
1020.3 ribo-depleted RNA		✓	RIN: 2.40	
SN 250 PK PolyA mRNA		✓	RIN N/A	
SN 250 BF PolyA mRNA		✓	RIN: 2.40	
HTT 149 BF PolyA mRNA		✓	RIN N/A	
HTT 149 PK PolyA mRNA		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

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

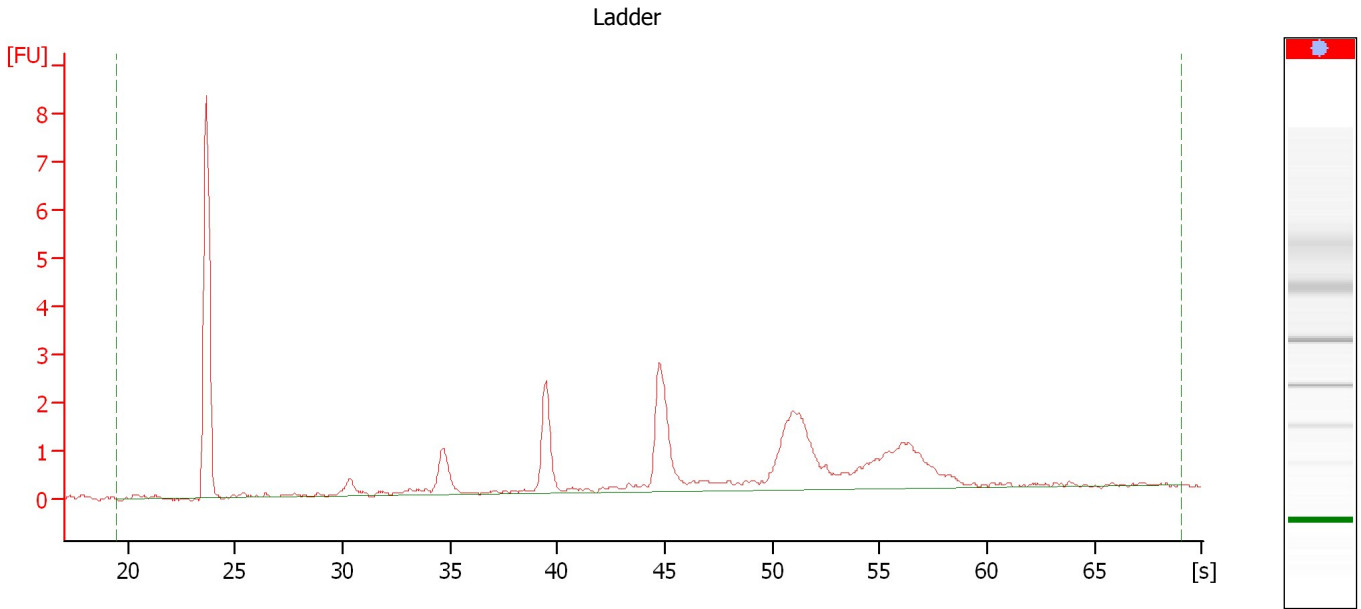
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary



Overall Results for Ladder

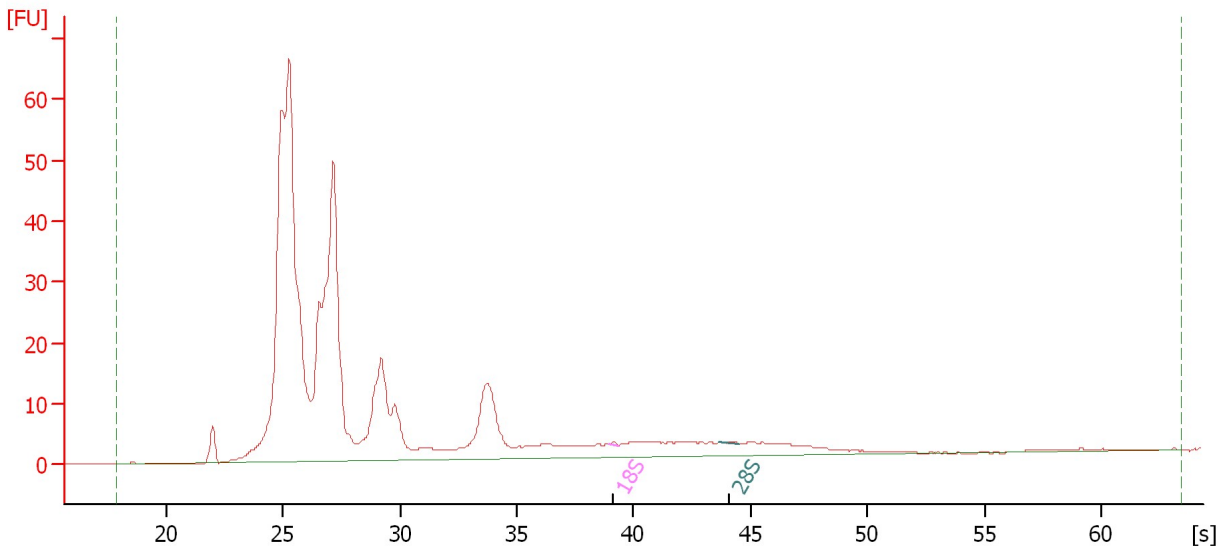
RNA Area:	25.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

1010.3 ribo-depleted RNA



Overall Results for sample 1 : 1010.3 ribo-depleted RNA

RNA Area: 585.8 RNA Integrity Number (RIN): 2.3 (B.02.08)
RNA Concentration: 23,424 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.6 Result Flagging Label: RIN: 2.30

Fragment table for sample 1 : 1010.3 ribo-depleted RNA

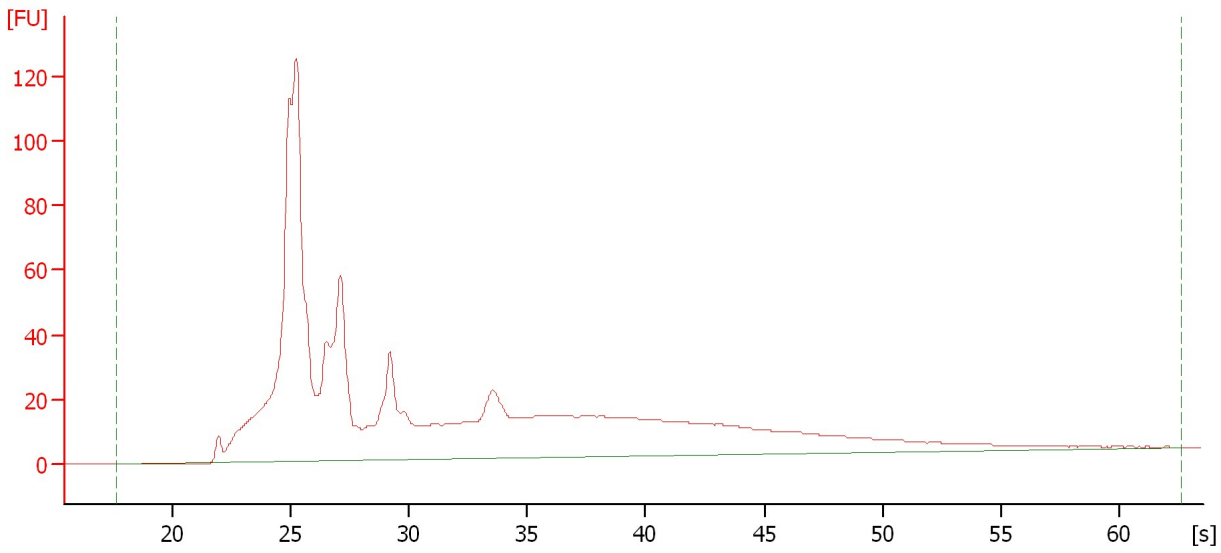
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	0.3	0.1
28S	0	0	0.2	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

1011.3 ribo-depleted RNA



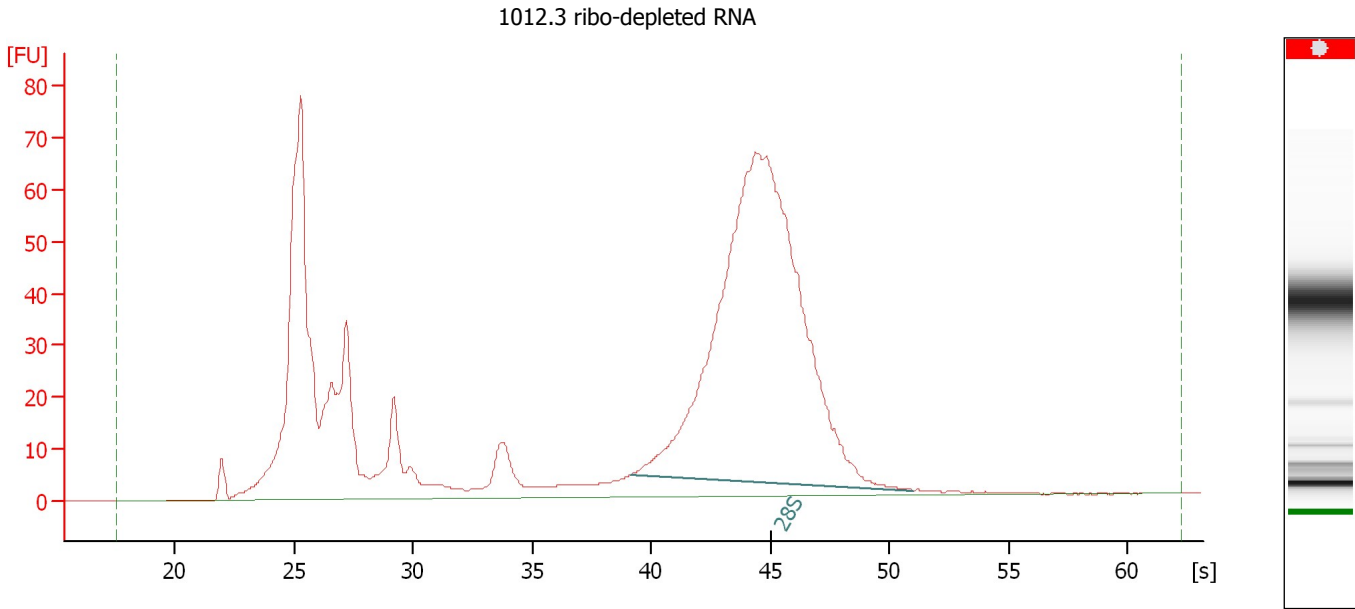
Overall Results for sample 2 : 1011.3 ribo-depleted RNA

RNA Area:	1,452.1	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	58,067 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
 Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 1012.3 ribo-depleted RNA

RNA Area:	1,210.7	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	48,416 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 3 : 1012.3 ribo-depleted RNA

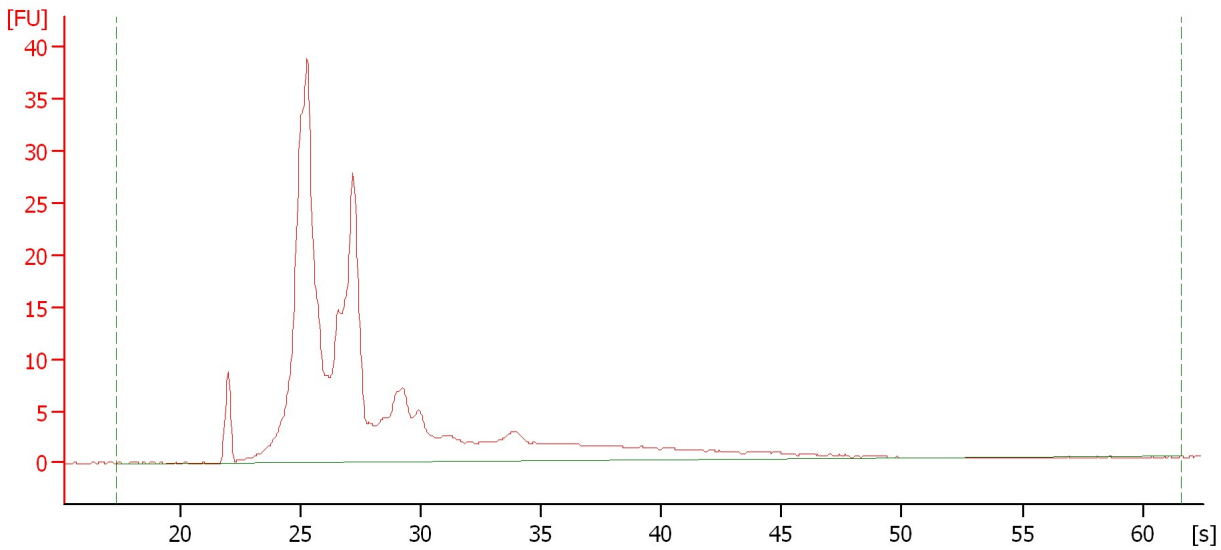
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	0	0	577.8	47.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

1013.3 ribo-depleted RNA



Overall Results for sample 4 : 1013.3 ribo-depleted RNA

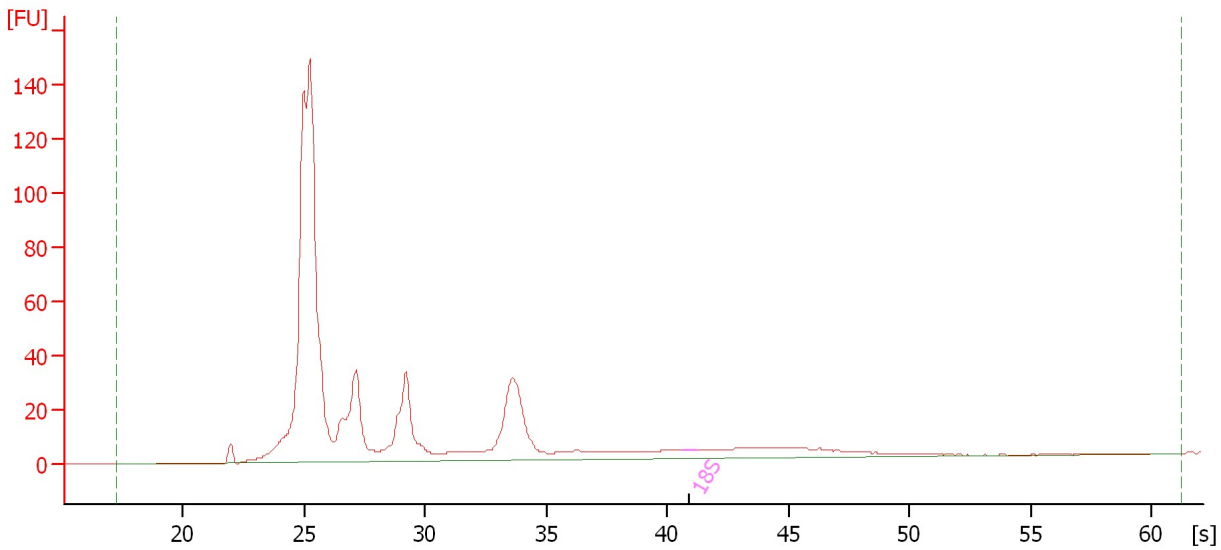
RNA Area:	339.6	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	13,581 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
 Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

1015.3 ribo-depleted RNA



Overall Results for sample 5 : 1015.3 ribo-depleted RNA

RNA Area:	881.2	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	35,237 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Fragment table for sample 5 : 1015.3 ribo-depleted RNA

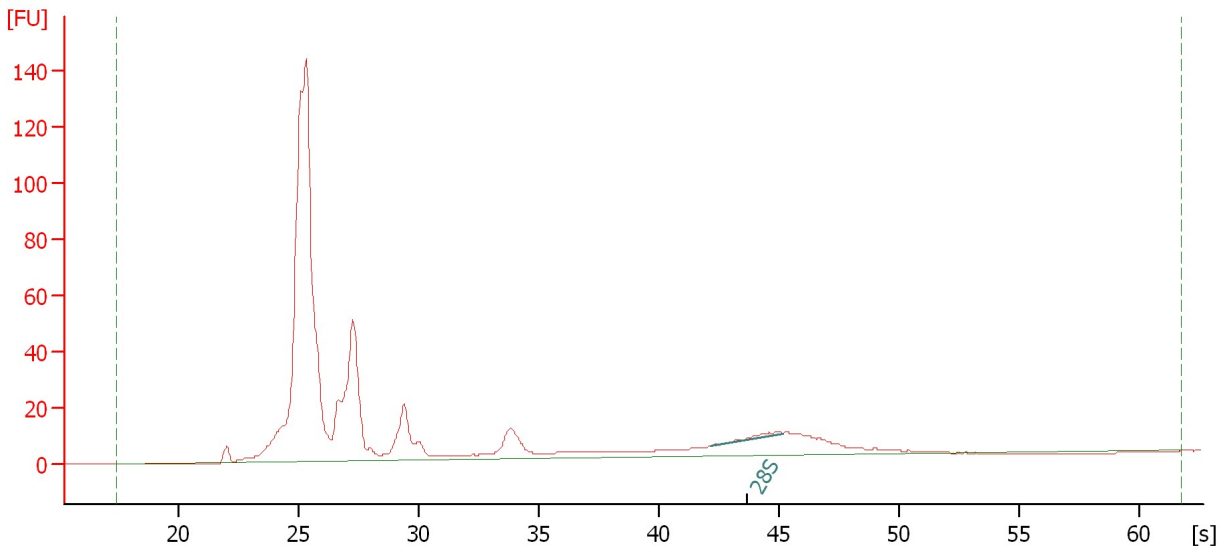
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	0.2	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

1017.3 ribo-depleted RNA



Overall Results for sample 6 : 1017.3 ribo-depleted RNA

RNA Area:	861.3	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	34,445 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

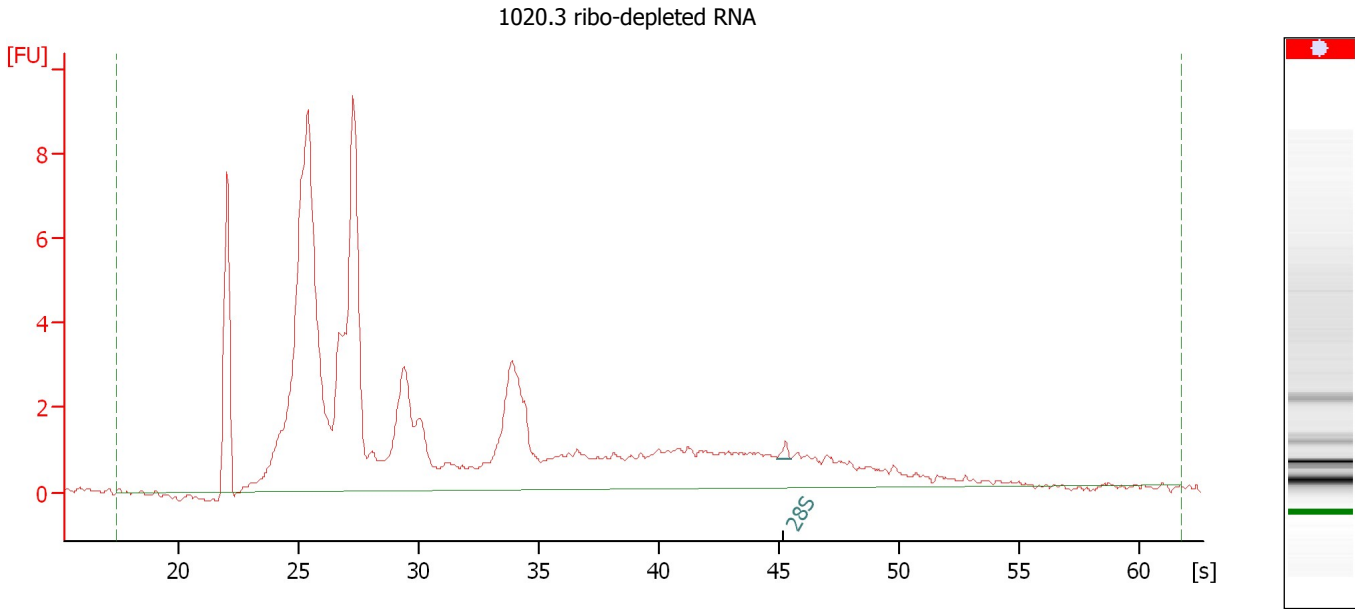
Fragment table for sample 6 : 1017.3 ribo-depleted RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	0	0	3.1	0.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
 Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 1020.3 ribo-depleted RNA

RNA Area:	119.4	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	4,773 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

Fragment table for sample 7 : 1020.3 ribo-depleted RNA

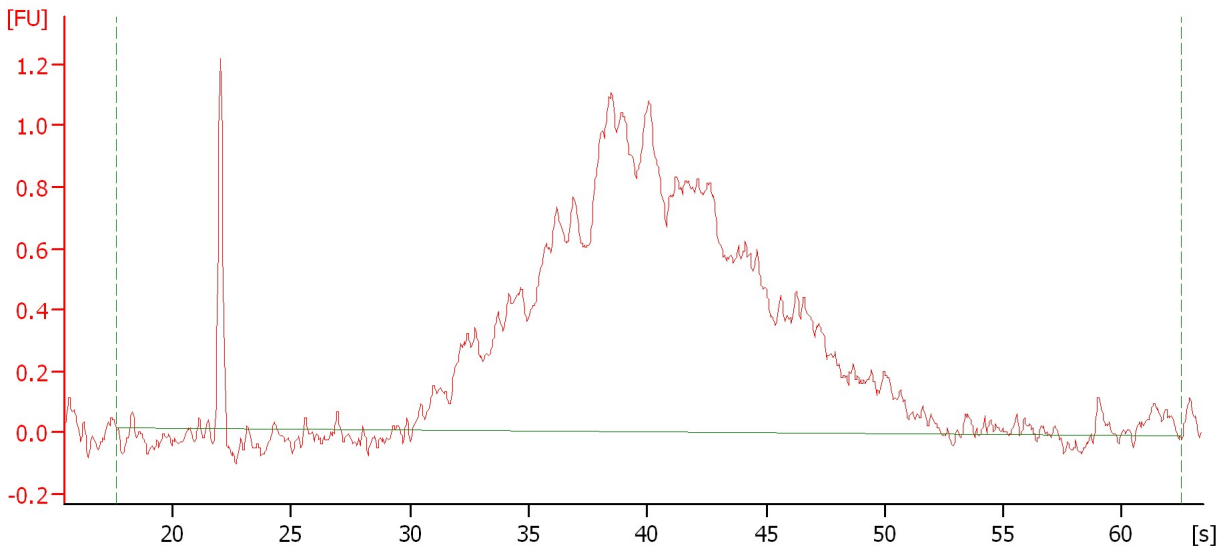
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	0	0	0.2	0.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad


Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

SN 250 PK PolyA mRNA



Overall Results for sample 8 : SN 250 PK PolyA mRNA

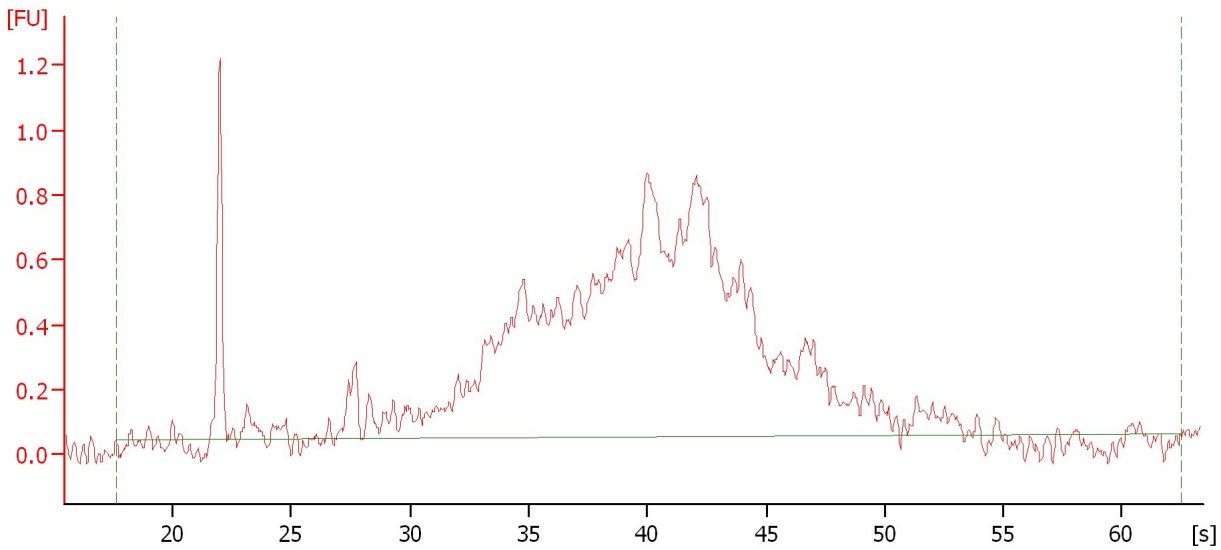
RNA Area:	26.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,043 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

SN 250 BF PolyA mRNA



Overall Results for sample 9 : SN 250 BF PolyA mRNA

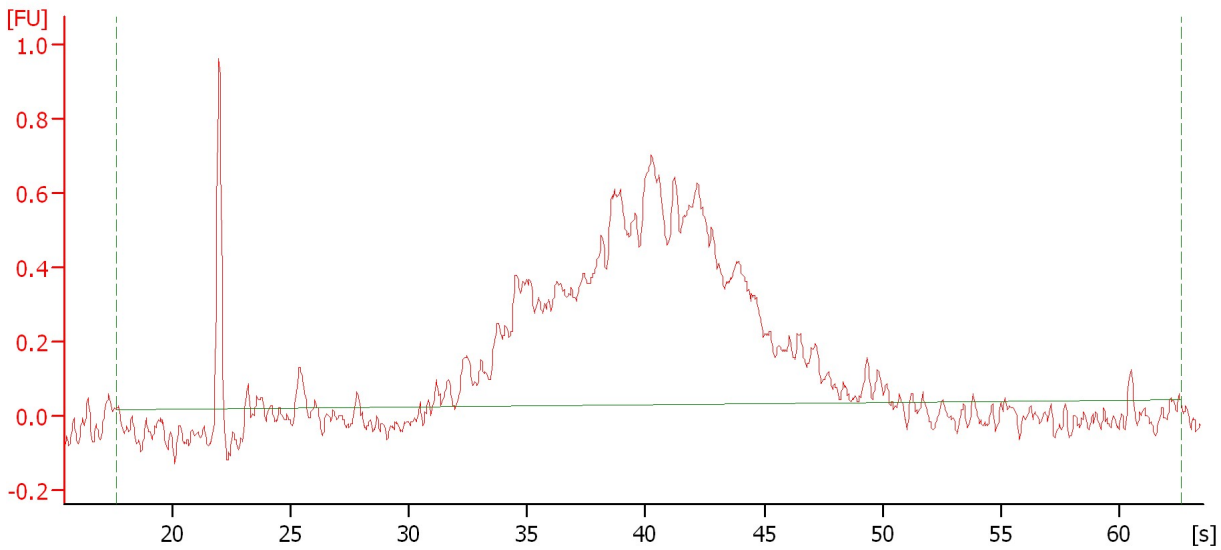
RNA Area:	19.3	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	773 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...

HTT 149 BF PolyA mRNA



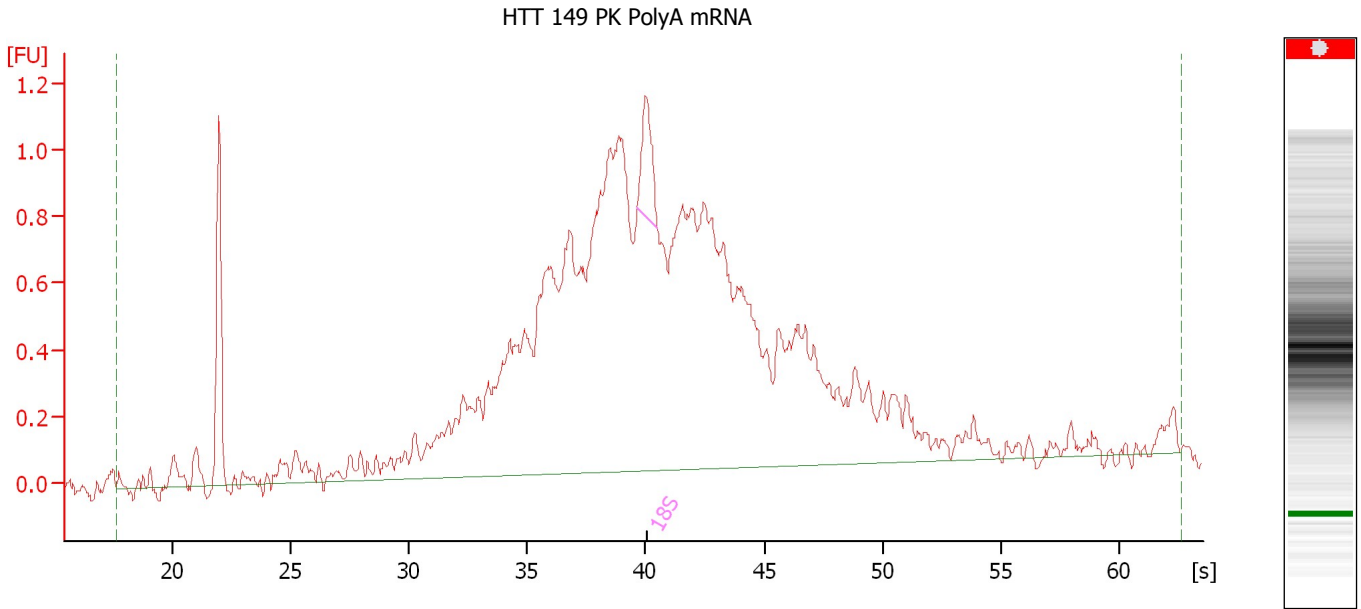
Overall Results for sample 10 : HTT 149 BF PolyA mRNA

RNA Area:	13.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	523 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : HTT 149 PK PolyA mRNA

RNA Area:	26.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,046 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

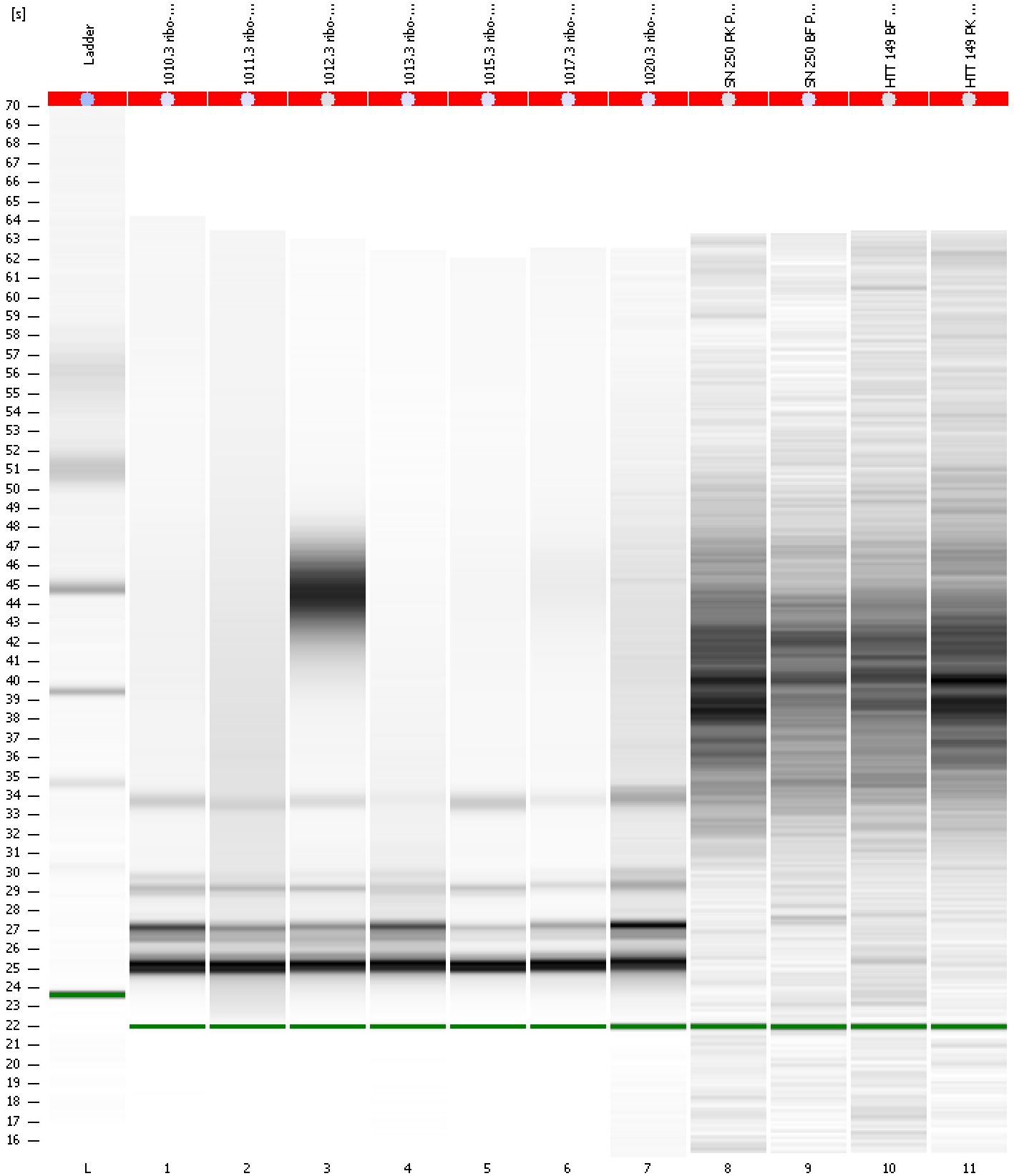
Fragment table for sample 11 : HTT 149 PK PolyA mRNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	0.4	1.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
Modified: 11/3/2014 11:58:39 AM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad

Created: 11/3/2014 11:26:35 AM
 Modified: 11/3/2014 11:58:39 AM

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		11/3/2014 11:49:29 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-11-03\2014-11-03_002.xad)		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		11/3/2014 11:26:41 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1