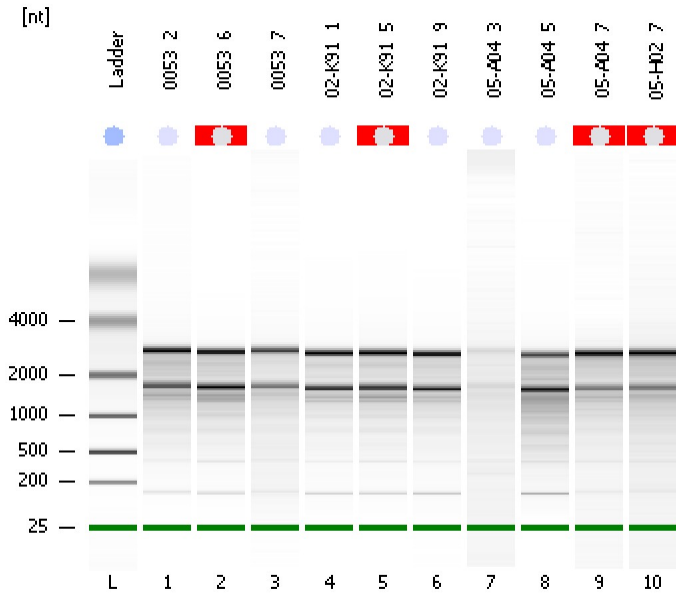


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
Modified: 4/28/2017 11:28:52 AM

Electrophoresis File Run Summary



Instrument Information:

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

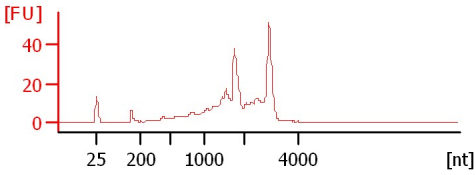
Assay Information:

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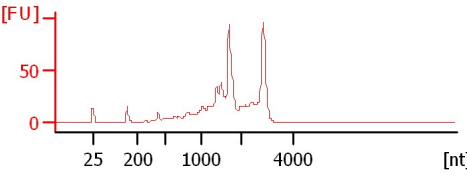
Chip Information:

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

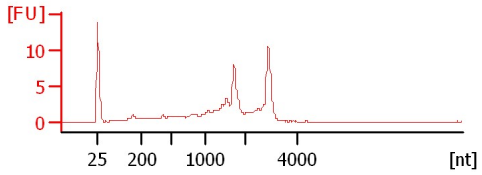
0053_2
RIN: 7.20



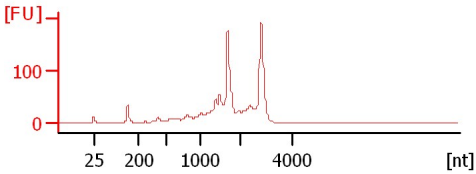
0053_6
RIN N/A



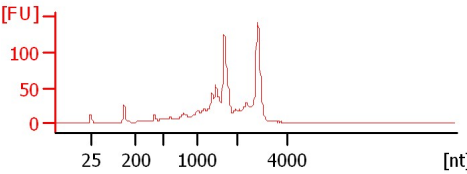
0053_7
RIN: 7.50



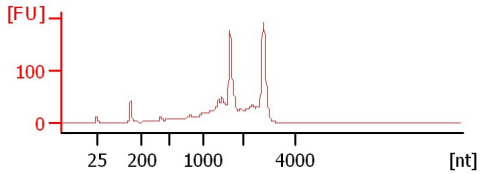
02-K91_1
RIN: 7.10



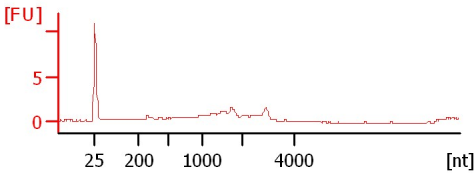
02-K91_5
RIN N/A



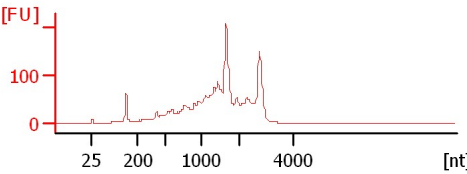
02-K91_9
RIN: 7



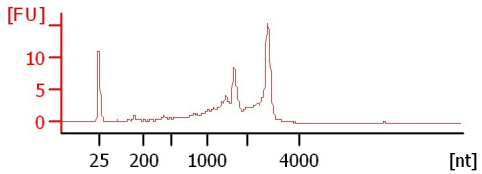
05-A04_3
RIN: 1.70



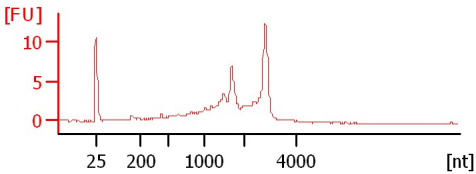
05-A04_5
RIN: 5.80



05-A04_7
RIN N/A



05-H02_7
QC_166
RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
0053_2		✓	RIN: 7.20	
0053_6		✓	RIN N/A	
0053_7		✓	RIN: 7.50	
02-K91_1		✓	RIN: 7.10	
02-K91_5		✓	RIN N/A	
02-K91_9		✓	RIN:7	
05-A04_3		✓	RIN: 1.70	
05-A04_5		✓	RIN: 5.80	
05-A04_7		✓	RIN N/A	
05-H02_7	QC_166	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

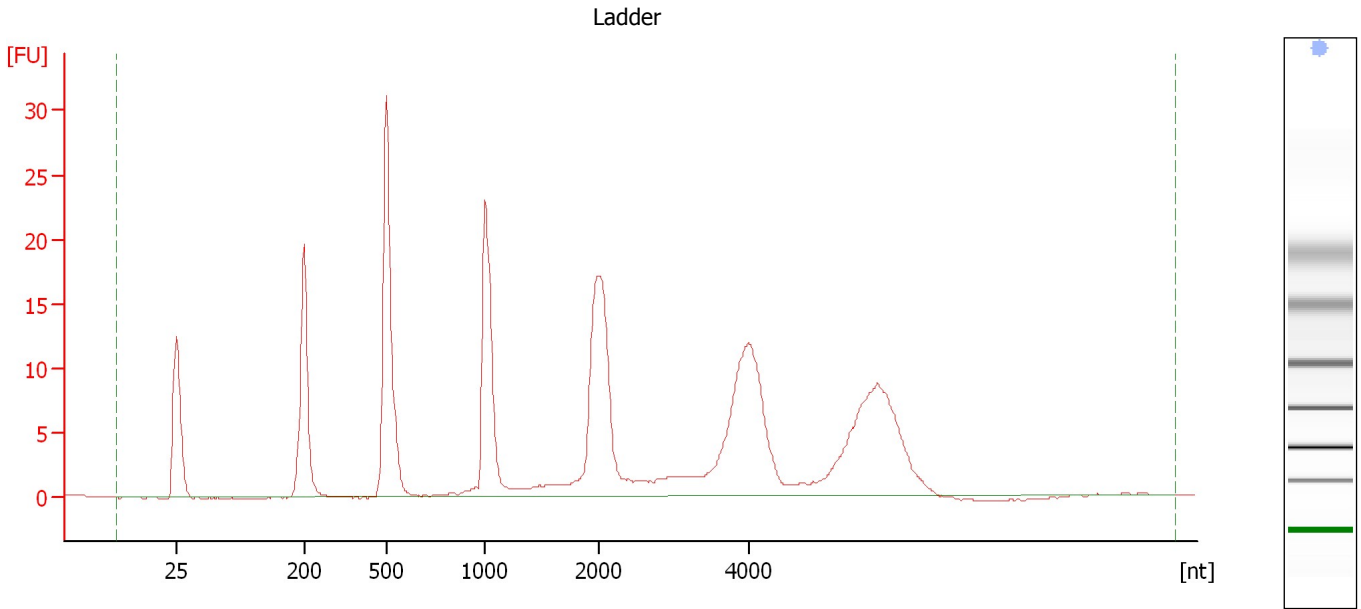
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary



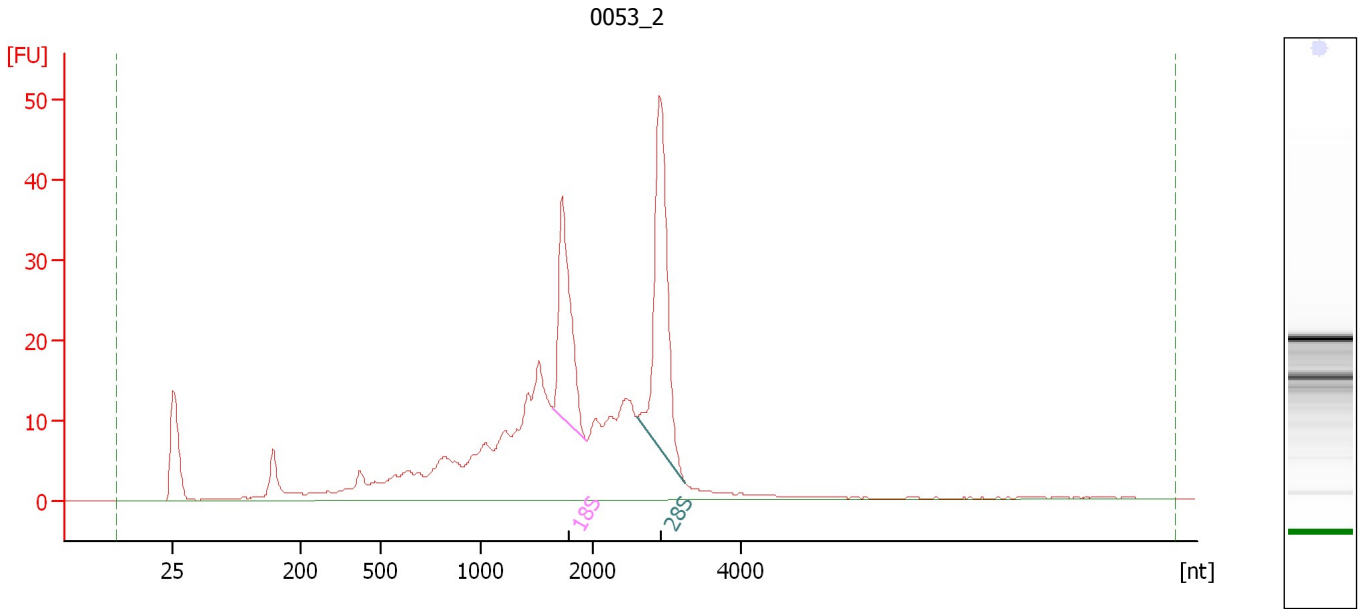
Overall Results for Ladder

RNA Area:	250.7	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 0053_2

RNA Area:	421.2	RNA Integrity Number (RIN):	7.2 (B.02.08)
RNA Concentration:	252 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 7.20

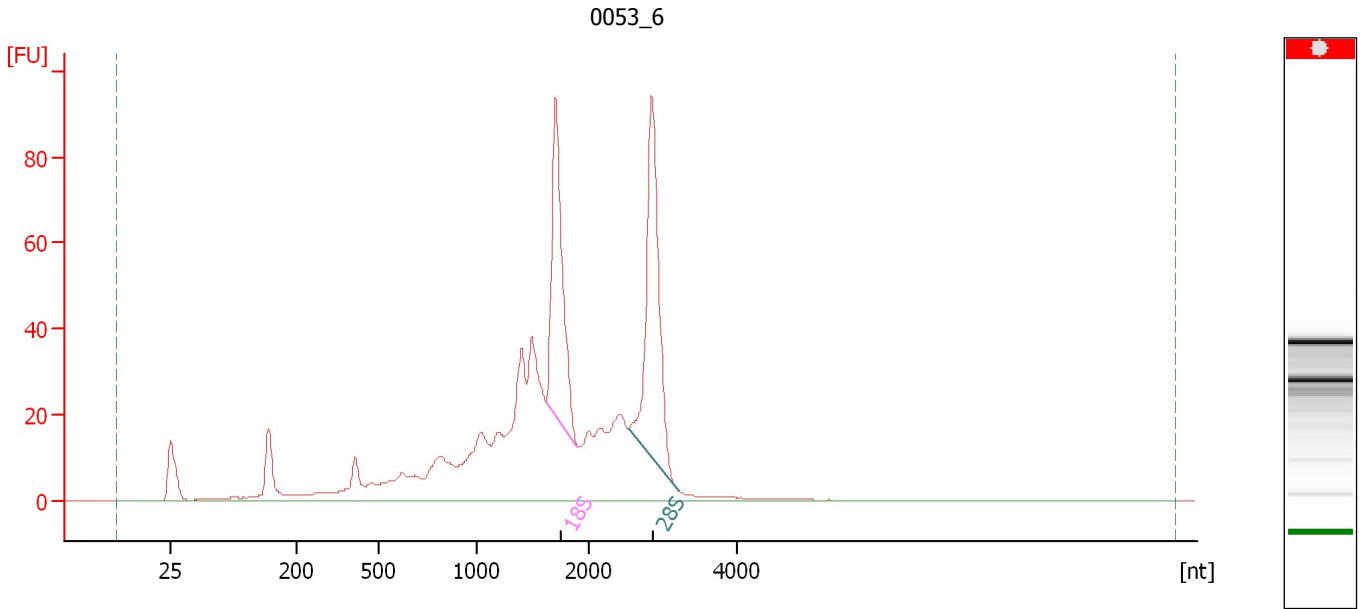
Fragment table for sample 1 : 0053_2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,645	1,939	43.6	10.4
28S	2,584	3,246	67.2	16.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 0053_6

RNA Area:	804.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	482 ng/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN N/A

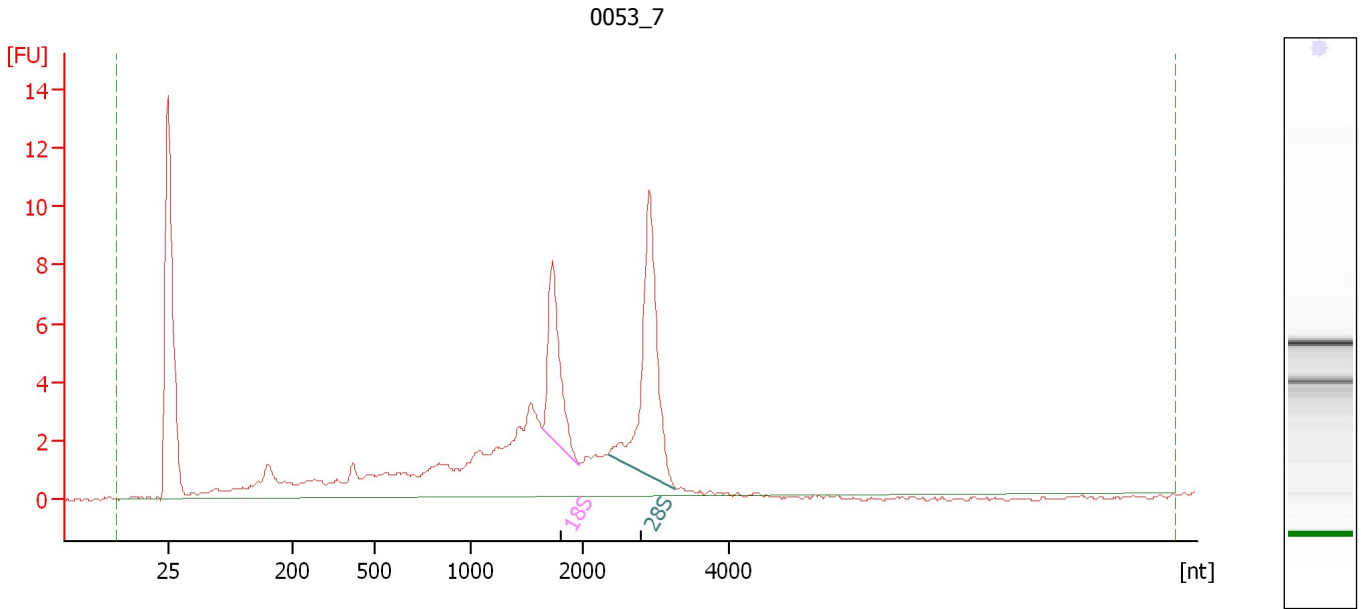
Fragment table for sample 2 : 0053_6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,622	1,899	104.7	13.0
28S	2,540	3,205	127.3	15.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 0053_7

RNA Area:	90.1	RNA Integrity Number (RIN):	7.5 (B.02.08)
RNA Concentration:	54 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 7.50

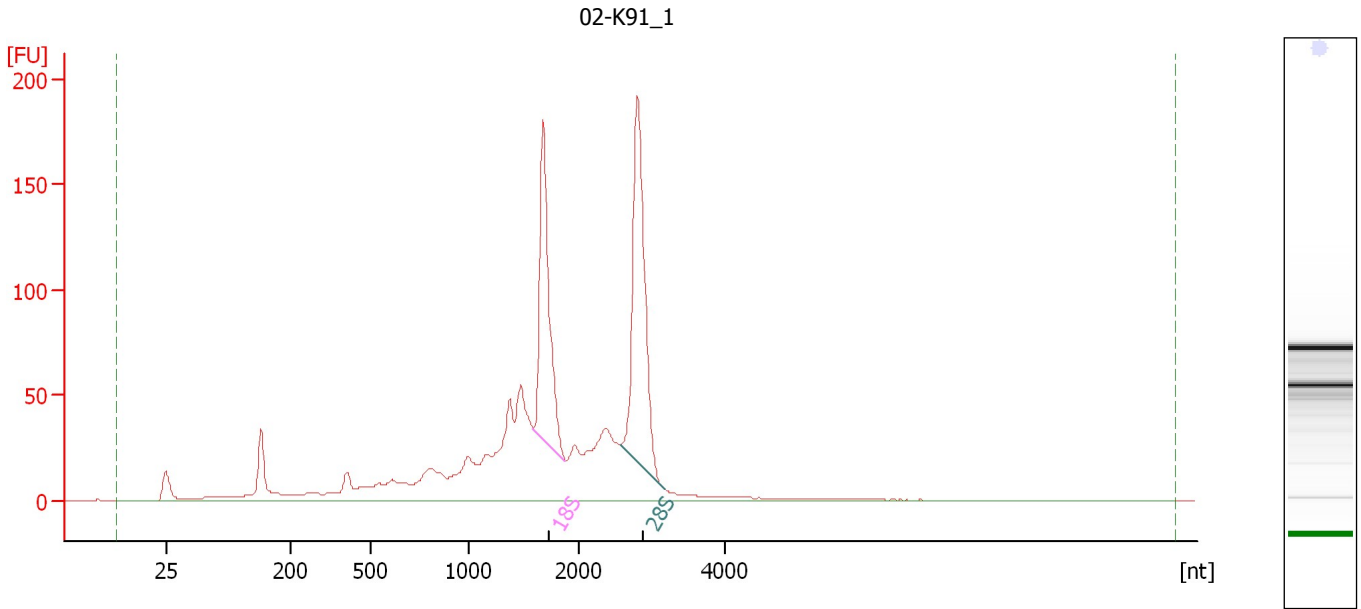
Fragment table for sample 3 : 0053_7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,635	1,972	9.2	10.2
28S	2,350	3,266	17.5	19.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 02-K91_1

RNA Area:	1,352.0	RNA Integrity Number (RIN):	7.1 (B.02.08)
RNA Concentration:	809 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 7.10

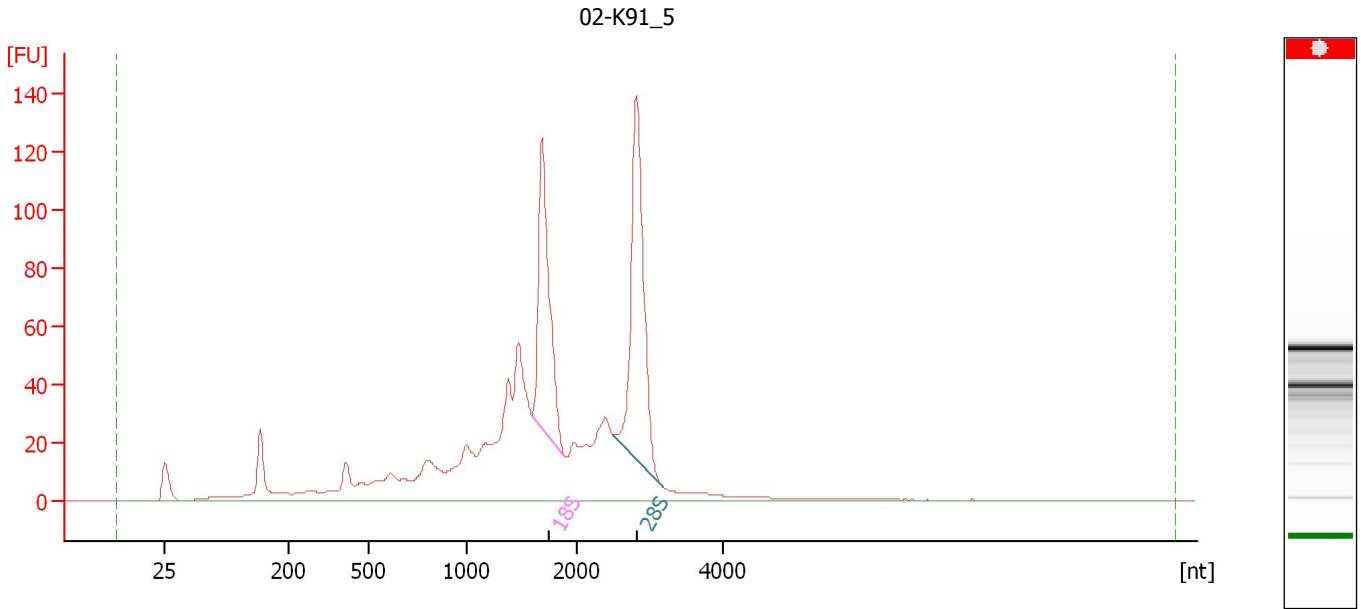
Fragment table for sample 4 : 02-K91_1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,593	1,882	194.9	14.4
28S	2,567	3,166	256.6	19.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 02-K91_5

RNA Area:	1,117.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	669 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN N/A

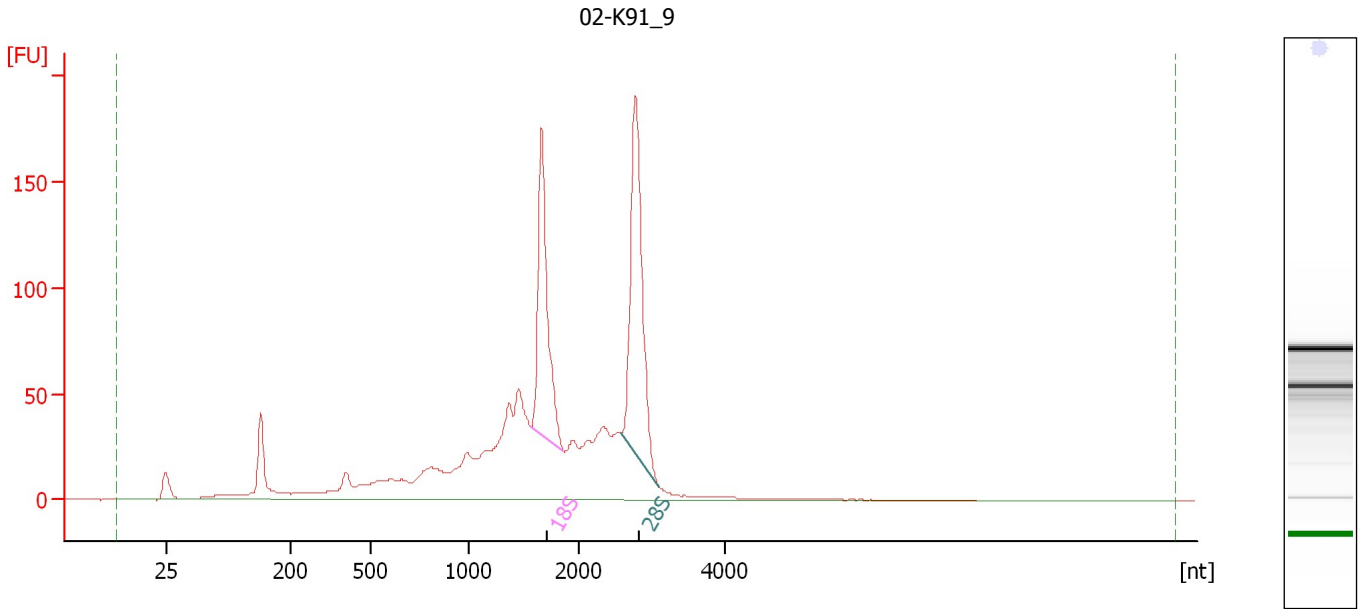
Fragment table for sample 5 : 02-K91_5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,600	1,900	149.0	13.3
28S	2,508	3,167	191.8	17.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 02-K91_9

RNA Area:	1,404.2	RNA Integrity Number (RIN):	7 (B.02.08)
RNA Concentration:	840 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN:7

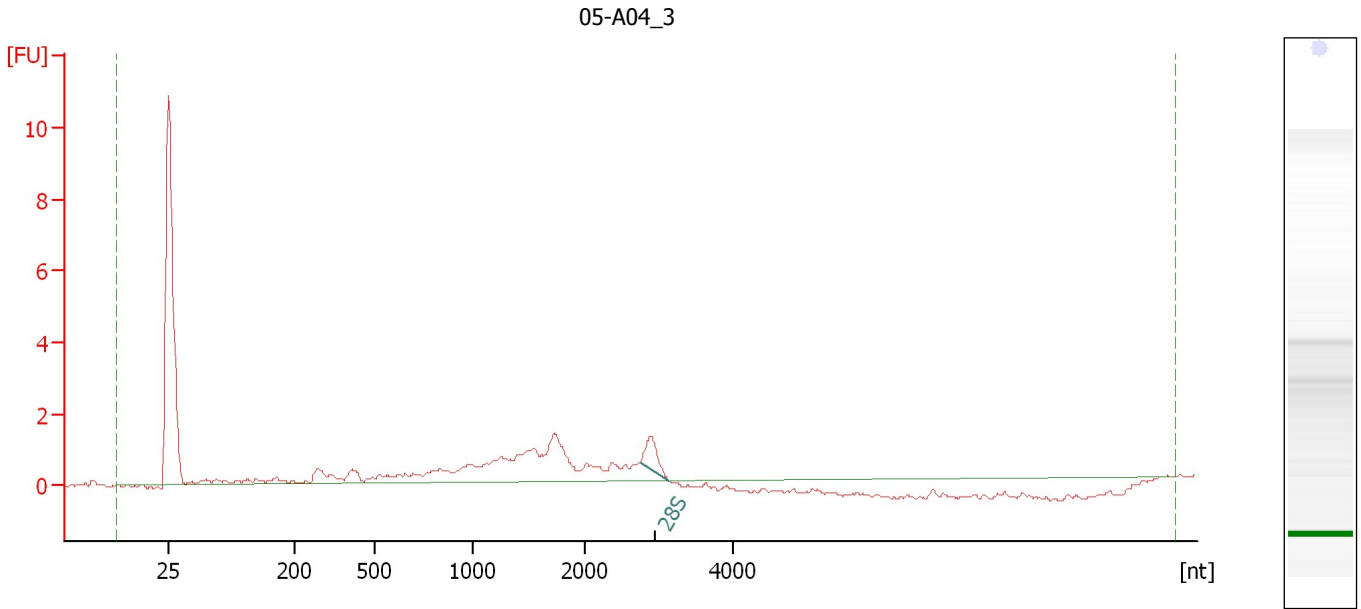
Fragment table for sample 6 : 02-K91_9

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,574	1,863	186.7	13.3
28S	2,582	3,108	241.5	17.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 05-A04_3

RNA Area:	21.2	RNA Integrity Number (RIN):	1.7 (B.02.08)
RNA Concentration:	13 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.70

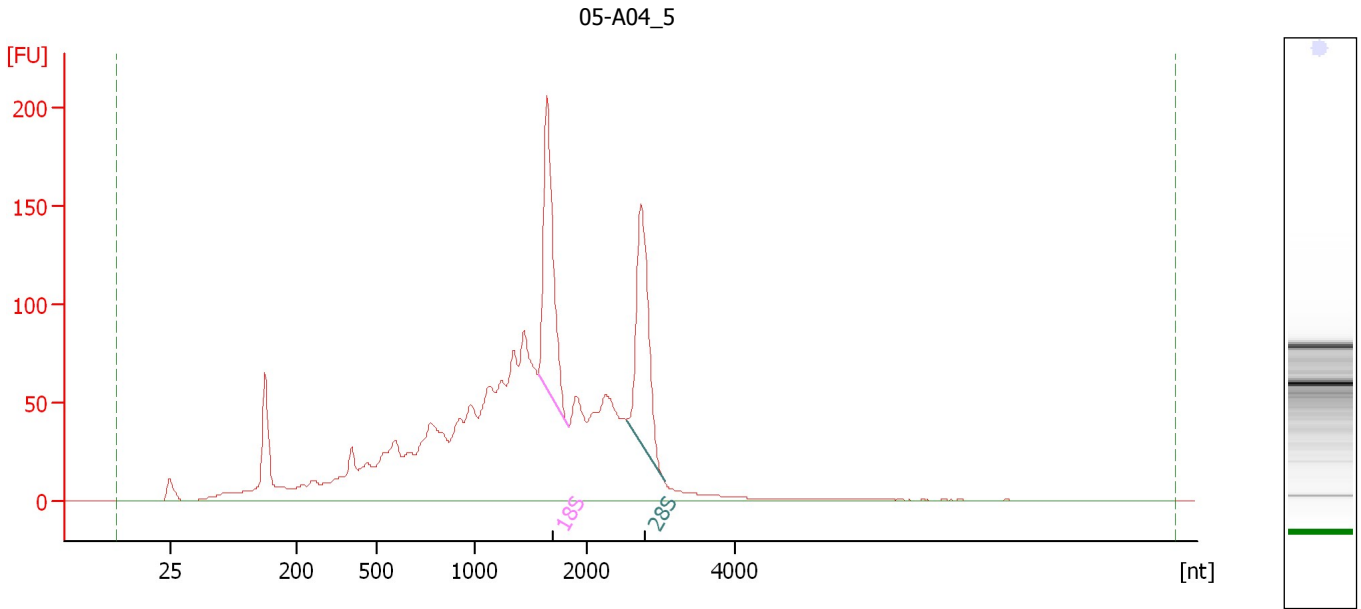
Fragment table for sample 7 : 05-A04_3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,757	3,134	1.3	6.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 05-A04_5

RNA Area:	2,237.0	RNA Integrity Number (RIN):	5.8 (B.02.08)
RNA Concentration:	1,338 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.9	Result Flagging Label:	RIN: 5.80

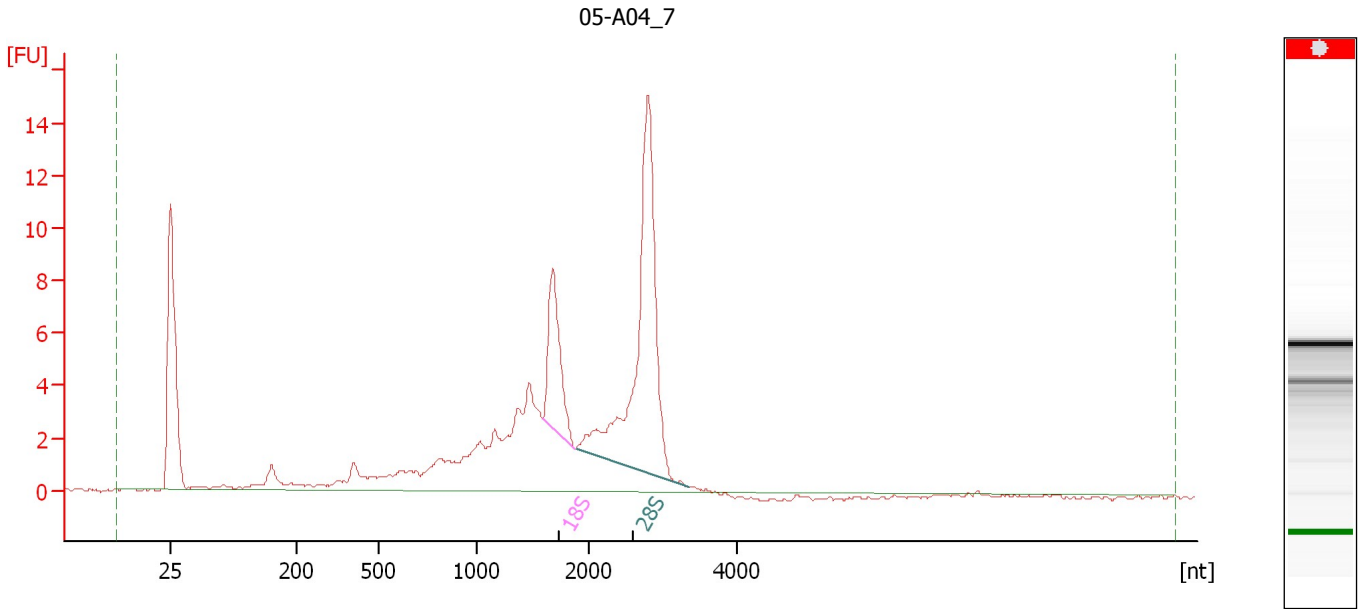
Fragment table for sample 8 : 05-A04_5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,563	1,830	196.2	8.8
28S	2,540	3,047	182.1	8.1

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 05-A04_7

RNA Area:	103.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	62 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	3.5	Result Flagging Label:	RIN N/A

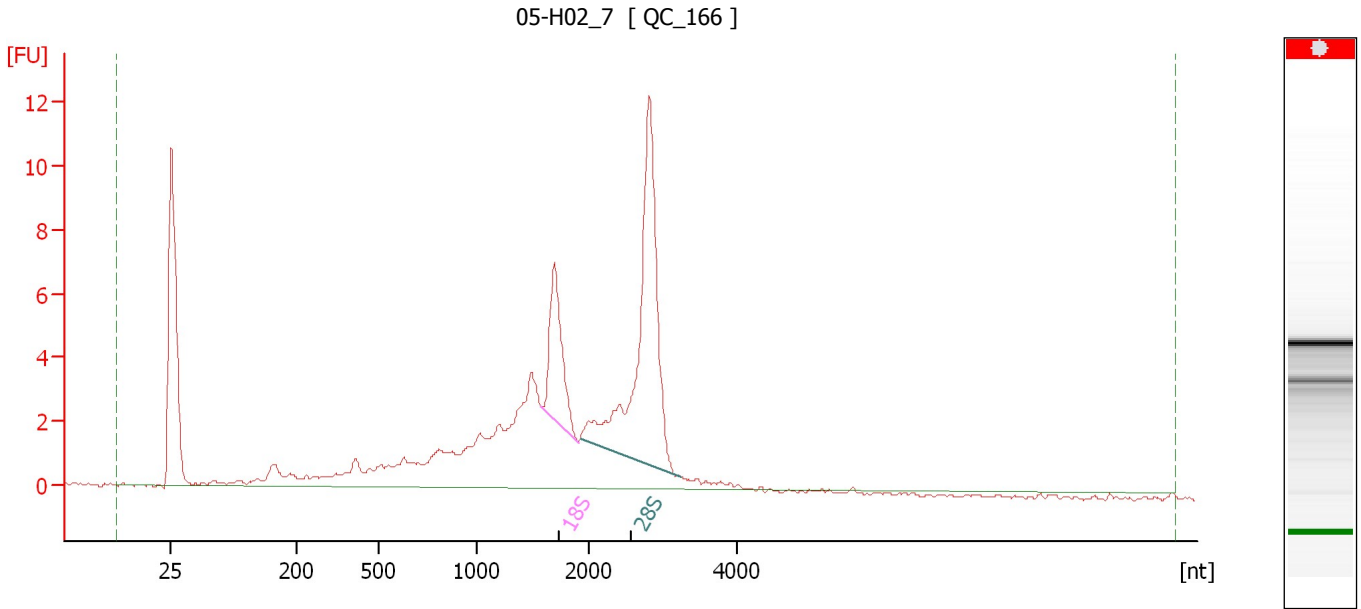
Fragment table for sample 9 : 05-A04_7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,584	1,870	9.4	9.1
28S	1,889	3,364	32.7	31.6

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
 Modified: 4/28/2017 11:28:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 05-H02_7

RNA Area:	94.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	56 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	3.3	Result Flagging Label:	RIN N/A

Fragment table for sample 10 : 05-H02_7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,574	1,908	7.9	8.4
28S	1,927	3,234	26.1	27.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...\data\2017-04-28\2017-04-28_003_HiSeq913_TotRNA_QC_1-10.xad

Created: 4/28/2017 11:03:40 AM
Modified: 4/28/2017 11:28:52 AM

Gel Image

