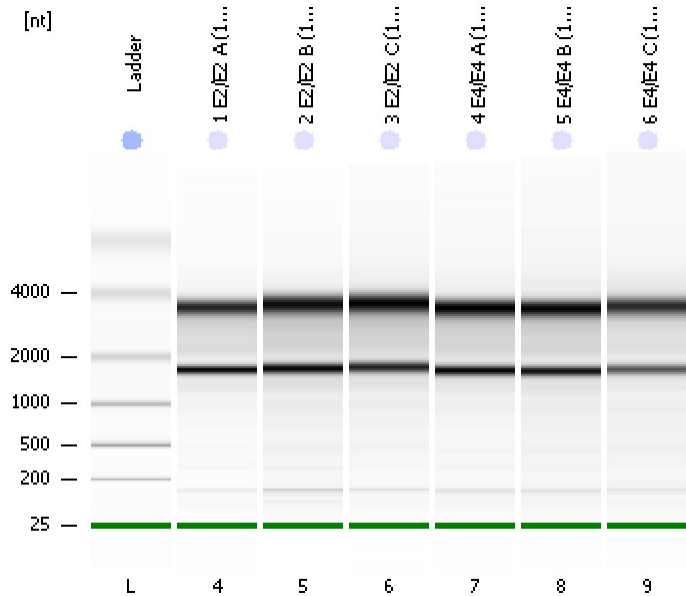


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
Modified: 3/9/2018 1:19:19 PM

Electrophoresis File Run Summary



Instrument Information:

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

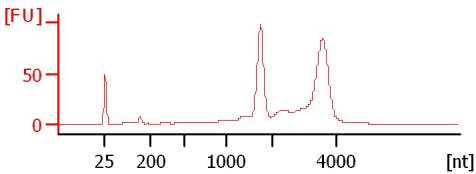
Assay Information:

Assay Origin Path: C:\Program Files\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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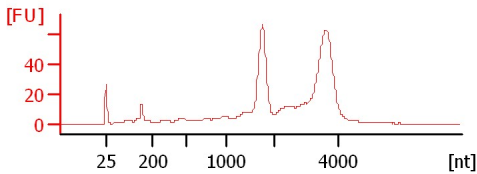
Chip Information:

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

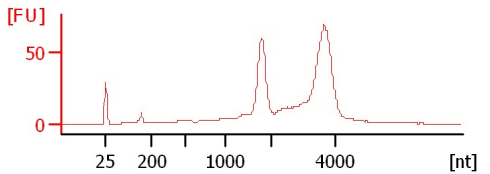
1 E2/E2 A (1:10)
HiSeq_1320
RIN: 9.40



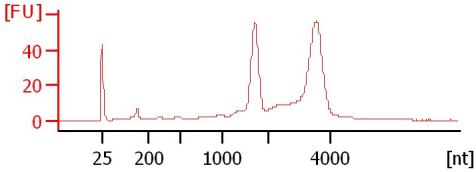
2 E2/E2 B (1:10)
HiSeq_1320
RIN: 9.30



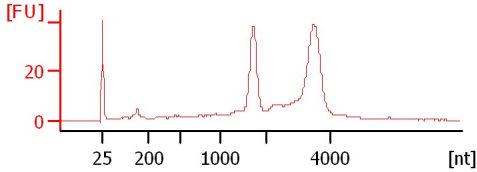
3 E2/E2 C (1:10)
HiSeq_1320
RIN: 9.80



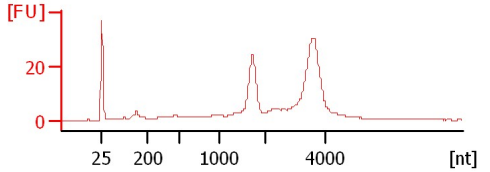
4 E4/E4 A (1:10)
HiSeq_1320
RIN: 9.80



5 E4/E4 B (1:10)
HiSeq_1320
RIN: 9.20



6 E4/E4 C (1:10)
HiSeq_1320
RIN: 9.50



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
 Modified: 3/9/2018 1:19:19 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
1 E2/E2 A (1:10)	HiSeq_1320	✓	RIN: 9.40	
2 E2/E2 B (1:10)	HiSeq_1320	✓	RIN: 9.30	
3 E2/E2 C (1:10)	HiSeq_1320	✓	RIN: 9.80	
4 E4/E4 A (1:10)	HiSeq_1320	✓	RIN: 9.80	
5 E4/E4 B (1:10)	HiSeq_1320	✓	RIN: 9.20	
6 E4/E4 C (1:10)	HiSeq_1320	✓	RIN: 9.50	
Ladder		✓	All Other Samples	

Chip Lot #

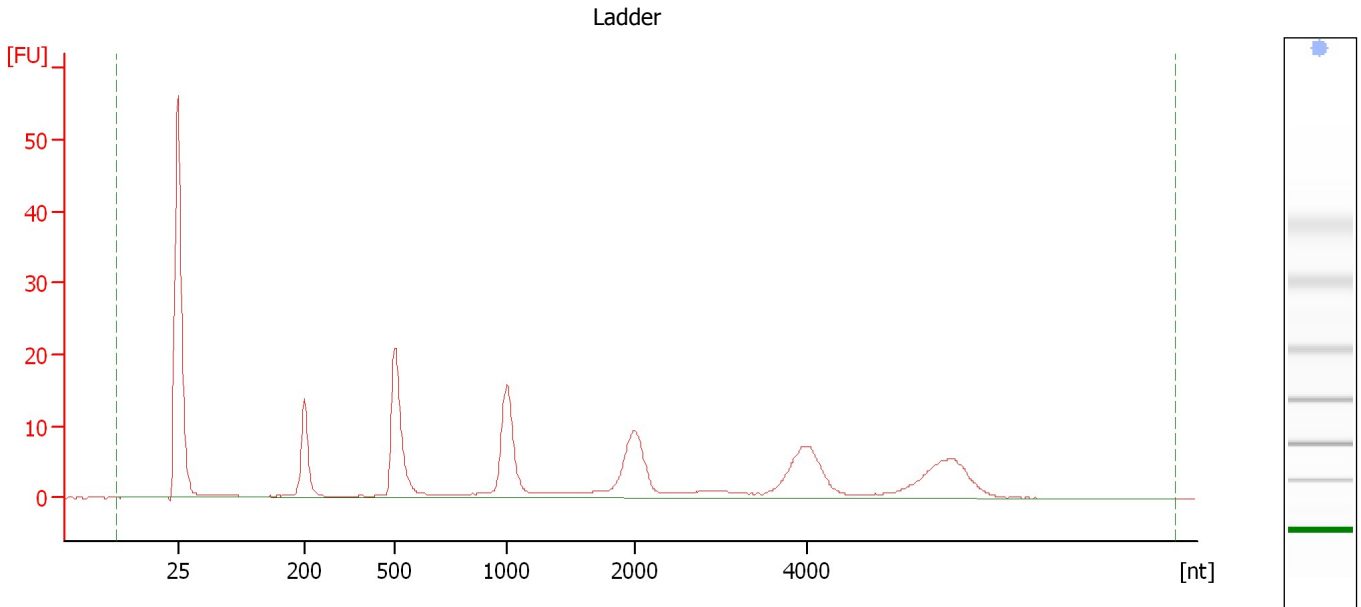
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary



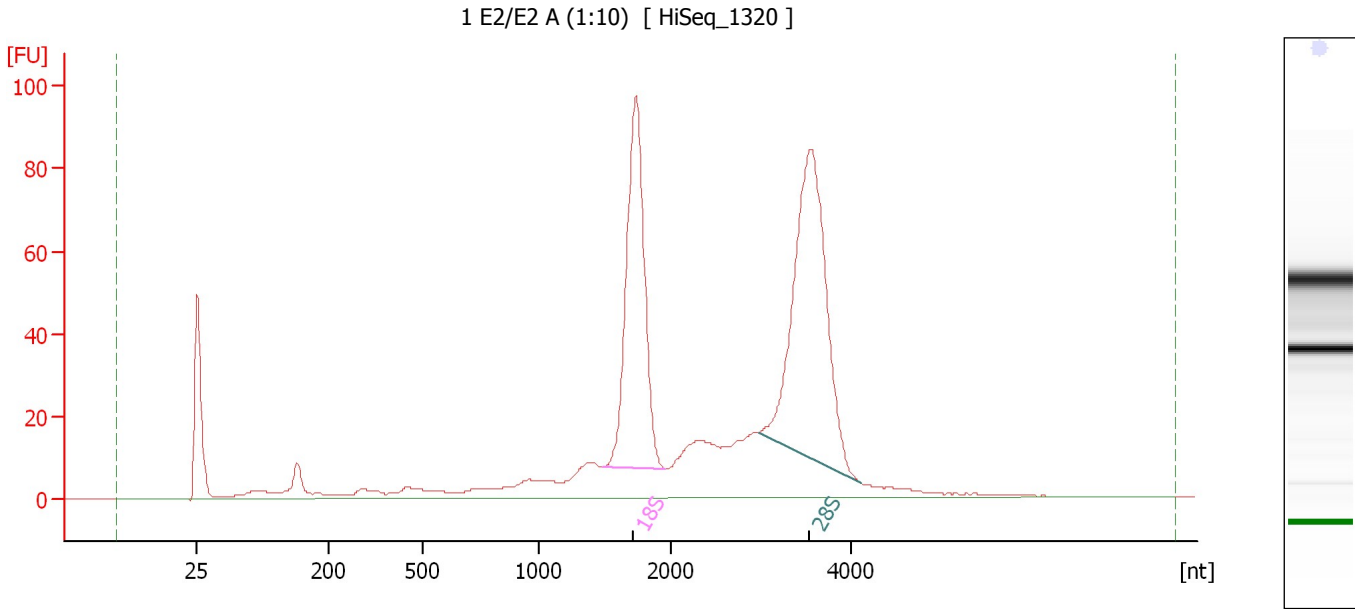
Overall Results for Ladder

RNA Area:	186.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
 Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 1 E2/E2 A (1:10)

RNA Area:	859.6	RNA Integrity Number (RIN):	9.4 (B.02.08)
RNA Concentration:	4,599 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 9.40

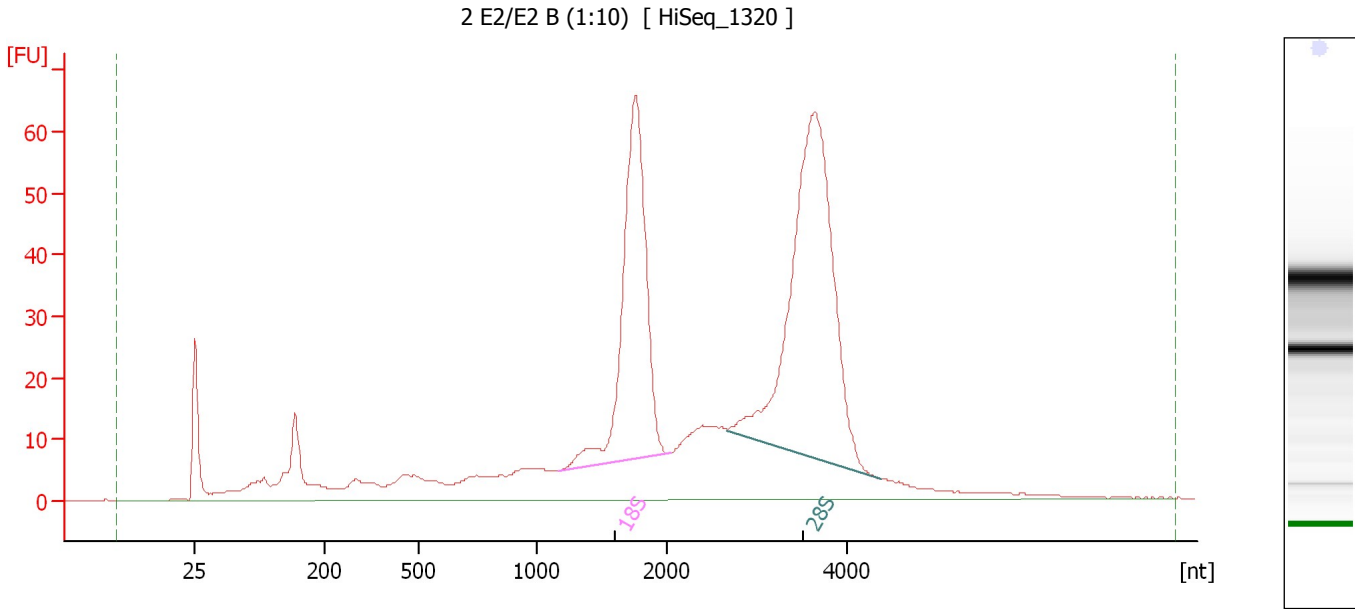
Fragment table for sample 4 : 1 E2/E2 A (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,481	1,949	199.6	23.2
28S	2,958	4,098	255.2	29.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 2 E2/E2 B (1:10)

RNA Area: 843.2 RNA Integrity Number (RIN): 9.3 (B.02.08)
RNA Concentration: 4,511 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.5 Result Flagging Label: RIN: 9.30

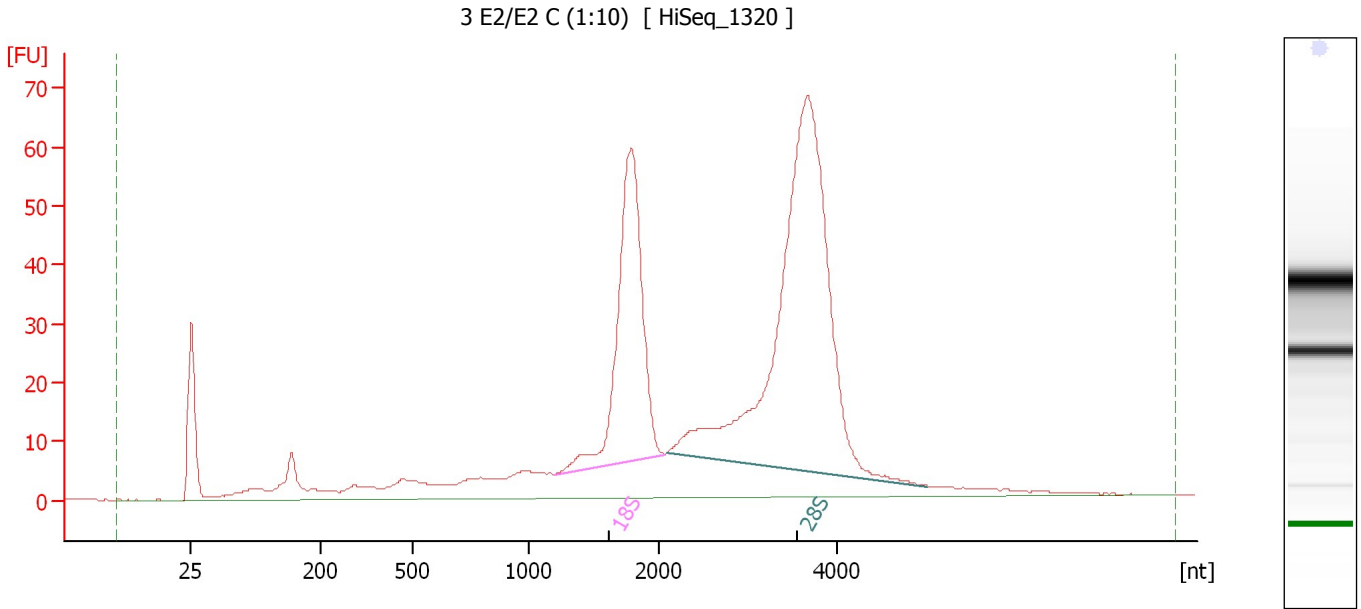
Fragment table for sample 5 : 2 E2/E2 B (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,178	2,032	169.3	20.1
28S	2,664	4,380	248.2	29.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
 Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 3 E2/E2 C (1:10)

RNA Area:	820.2	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	4,388 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.2	Result Flagging Label:	RIN: 9.80

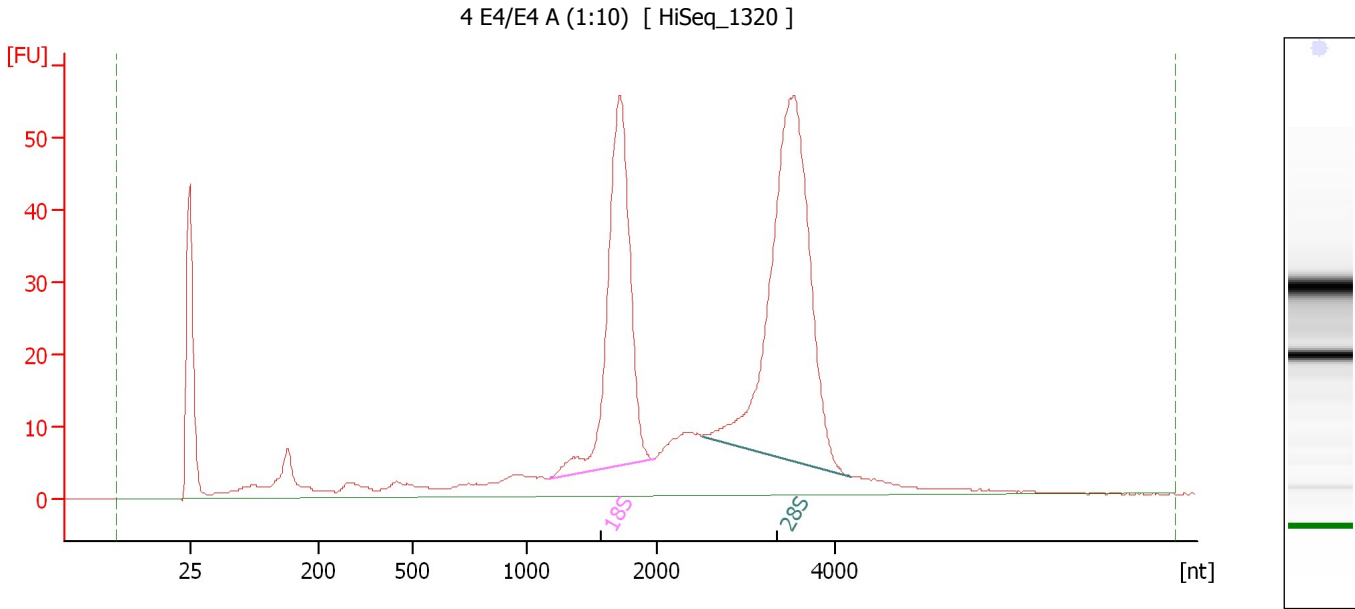
Fragment table for sample 6 : 3 E2/E2 C (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,202	2,054	158.3	19.3
28S	2,078	5,024	340.5	41.5

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
 Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 4 E4/E4 A (1:10)

RNA Area:	621.8	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	3,326 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.80

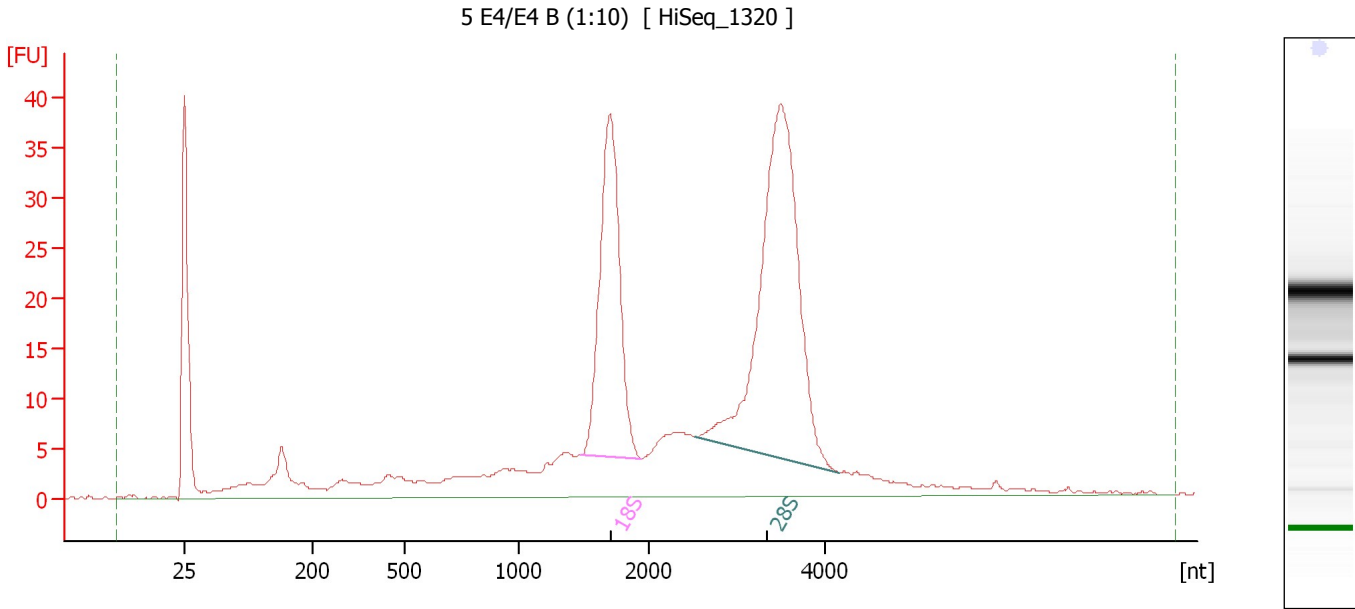
Fragment table for sample 7 : 4 E4/E4 A (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,167	1,979	142.5	22.9
28S	2,511	4,186	211.9	34.1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
 Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 5 E4/E4 B (1:10)

RNA Area:	465.7	RNA Integrity Number (RIN):	9.2 (B.02.08)
RNA Concentration:	2,492 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 9.20

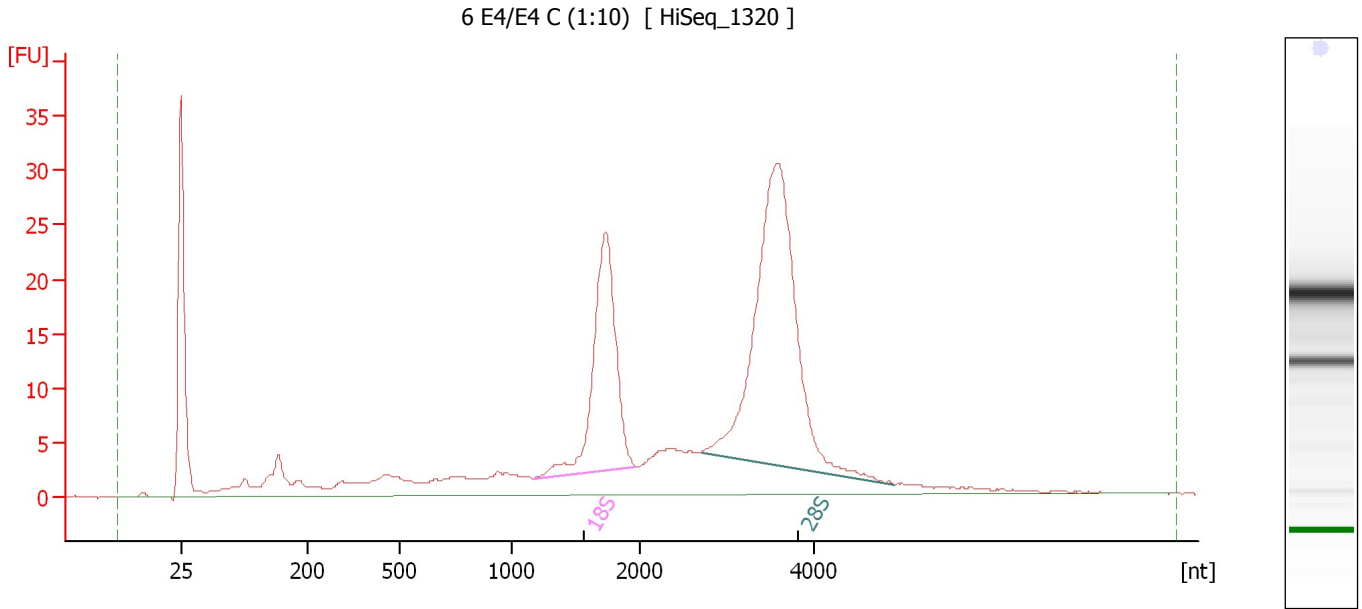
Fragment table for sample 8 : 5 E4/E4 B (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,473	1,944	86.4	18.5
28S	2,526	4,167	144.9	31.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
Modified: 3/9/2018 1:19:19 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 6 E4/E4 C (1:10)

RNA Area: 355.3 RNA Integrity Number (RIN): 9.5 (B.02.08)
RNA Concentration: 1,901 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN: 9.50

Fragment table for sample 9 : 6 E4/E4 C (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,180	1,975	63.0	17.7
28S	2,713	4,938	120.5	33.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...er\2100 expert\data\2018-03-09\2018-03-09_001_HiSeq1320.xad

Created: 3/9/2018 12:49:59 PM
Modified: 3/9/2018 1:19:19 PM

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