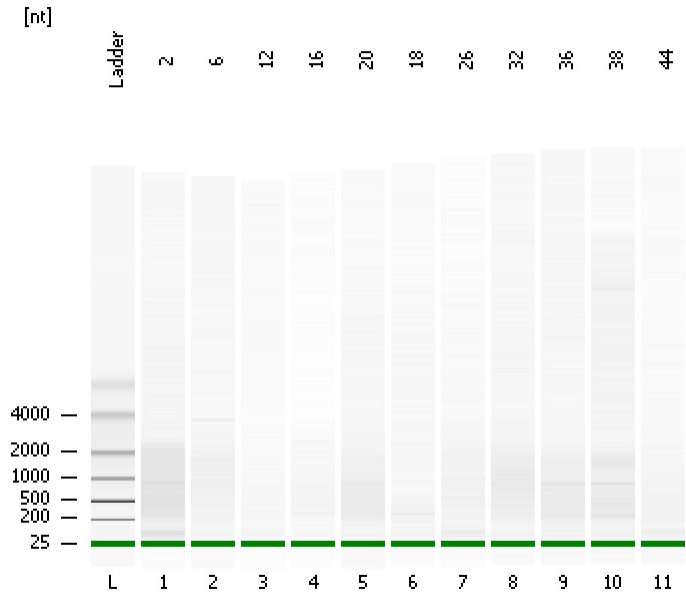


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

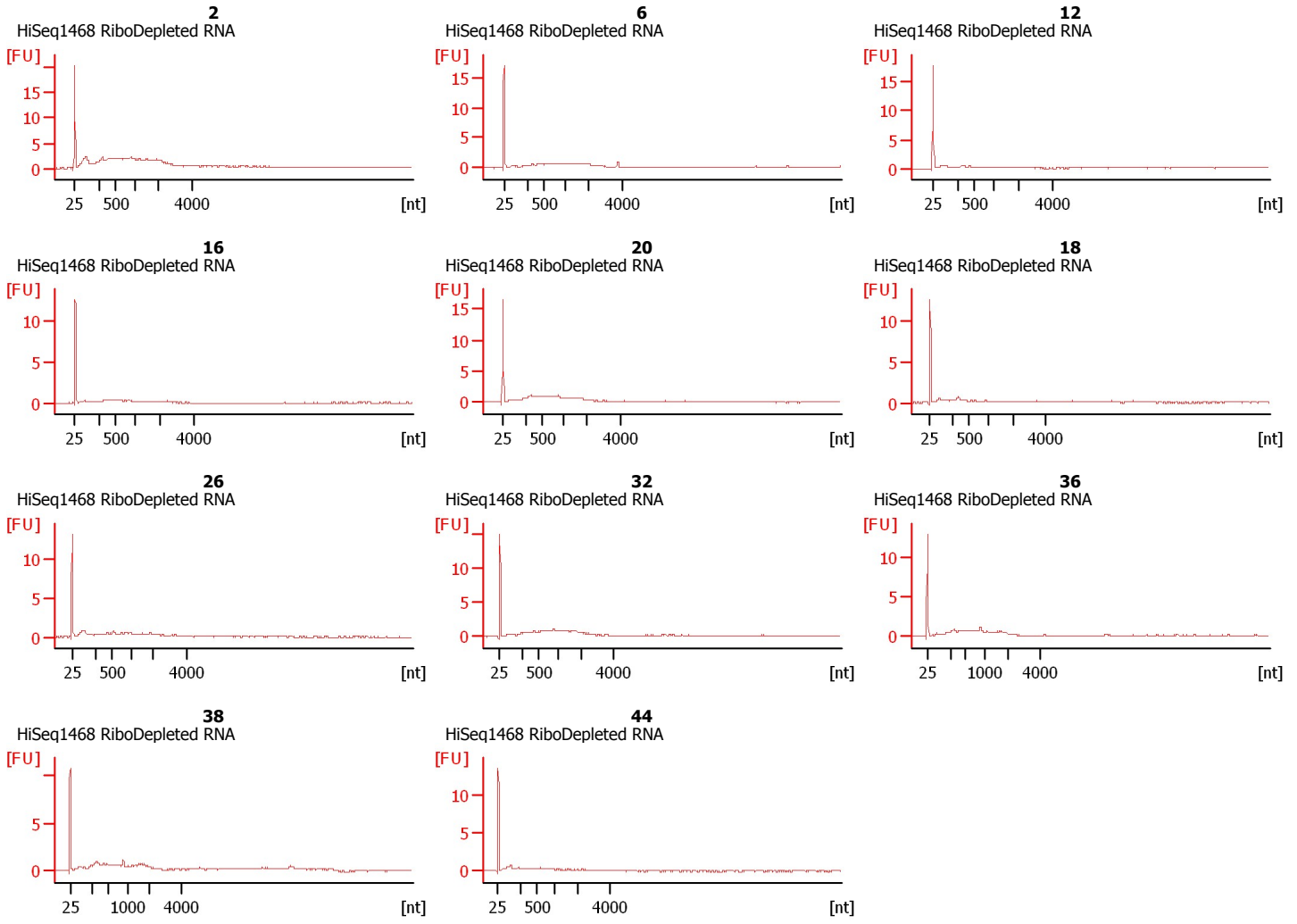
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.6
Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

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



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
2	HiSeq1468 RiboDepleted RNA	✓		
6	HiSeq1468 RiboDepleted RNA	✓		
12	HiSeq1468 RiboDepleted RNA	✓		
16	HiSeq1468 RiboDepleted RNA	✓		
20	HiSeq1468 RiboDepleted RNA	✓		
18	HiSeq1468 RiboDepleted RNA	✓		
26	HiSeq1468 RiboDepleted RNA	✓		
32	HiSeq1468 RiboDepleted RNA	✓		
36	HiSeq1468 RiboDepleted RNA	✓		
38	HiSeq1468 RiboDepleted RNA	✓		
44	HiSeq1468 RiboDepleted RNA	✓		
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 14
Maximum Visible Range [s] : 85
Start Analysis Time Range [s] : 15
End Analysis Time Range [s] : 84
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] : 15
Integration End Time [s] : 84
Slope Threshold : 0.2
Height Threshold [FU] : 0.5
Area Threshold : 0.1
Width Threshold [s] : 0.2
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

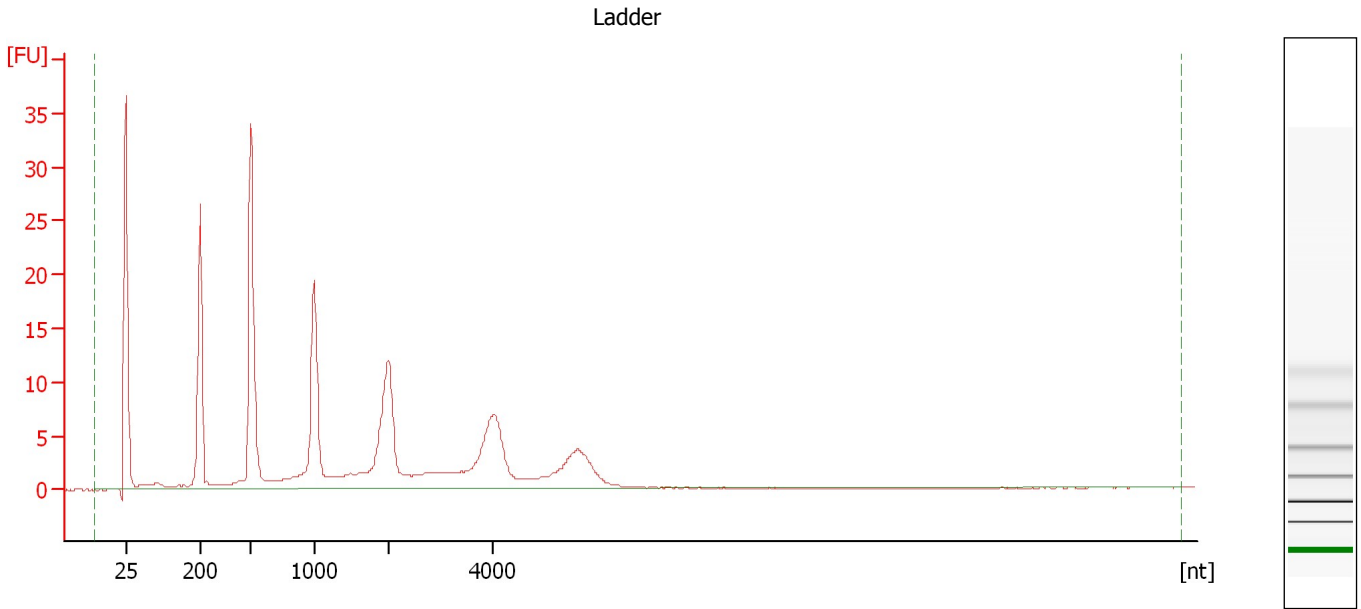
Ladder

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary



Overall Results for Ladder

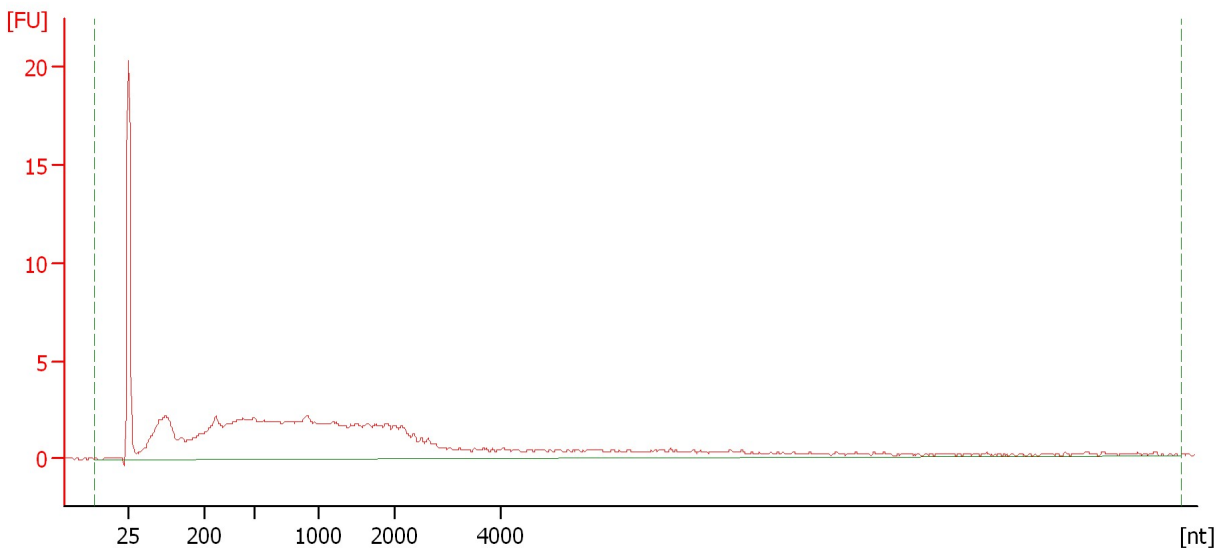
RNA Area: 250.9 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

2 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 1 : 2

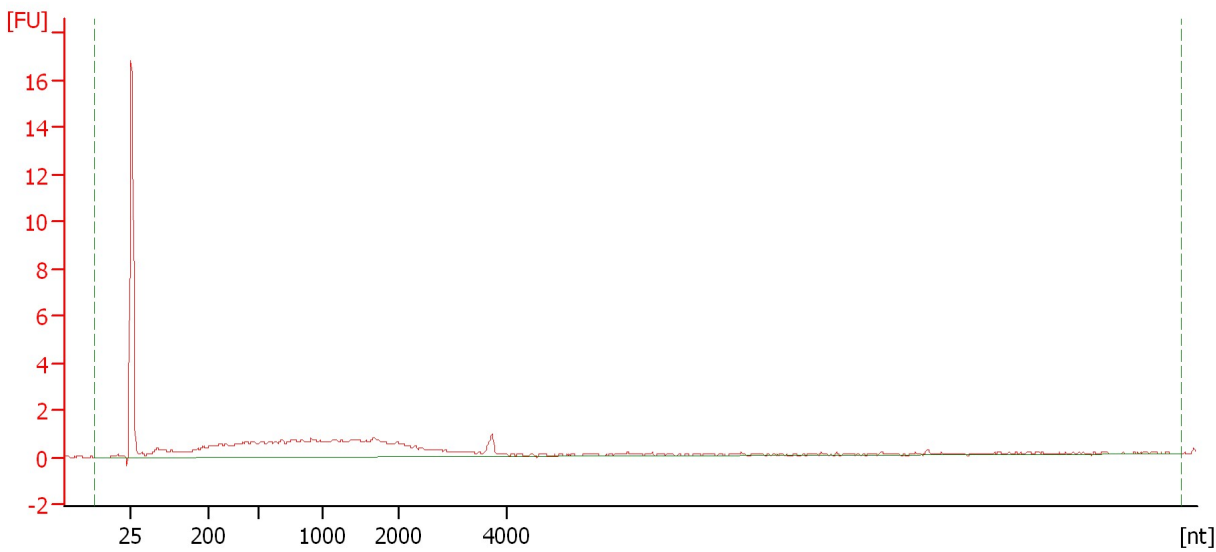
RNA Area:	131.0	rRNA Contamination:	0.0 %
RNA Concentration:	522 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

6 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 2 : 6

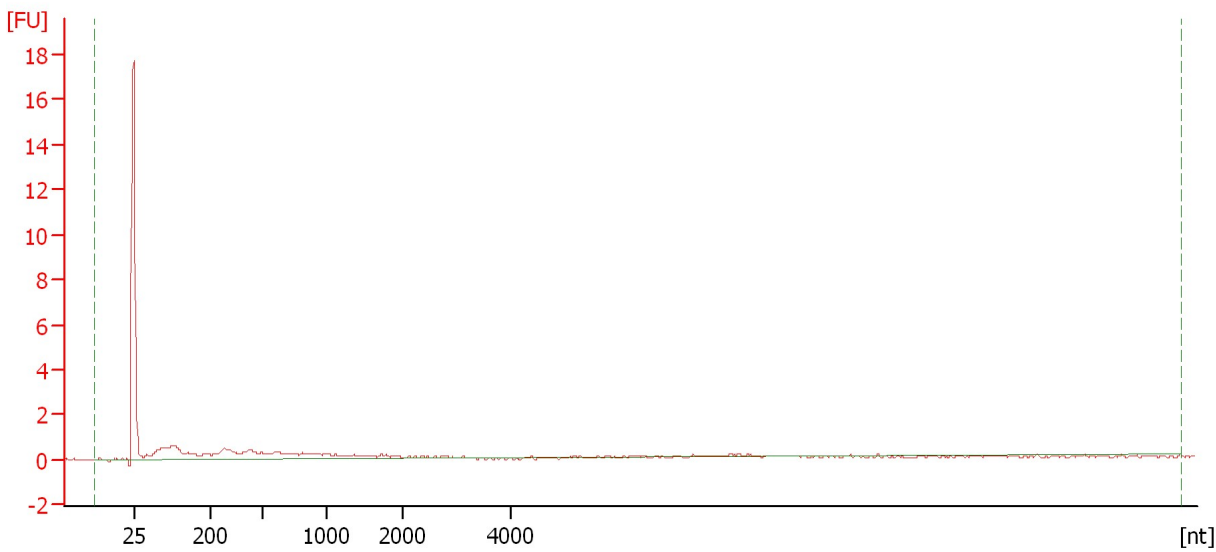
RNA Area:	37.7	rRNA Contamination:	0.0 %
RNA Concentration:	150 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

12 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 3 : 12

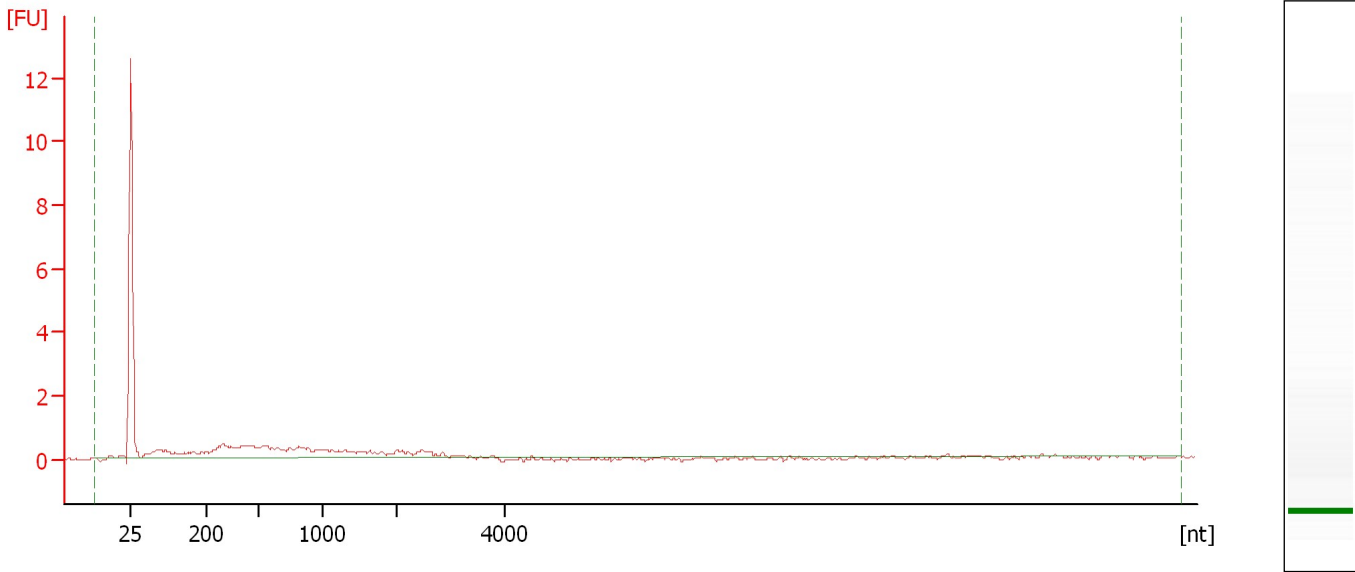
RNA Area:	18.2	rRNA Contamination:	0.0 %
RNA Concentration:	73 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

16 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 4 : 16

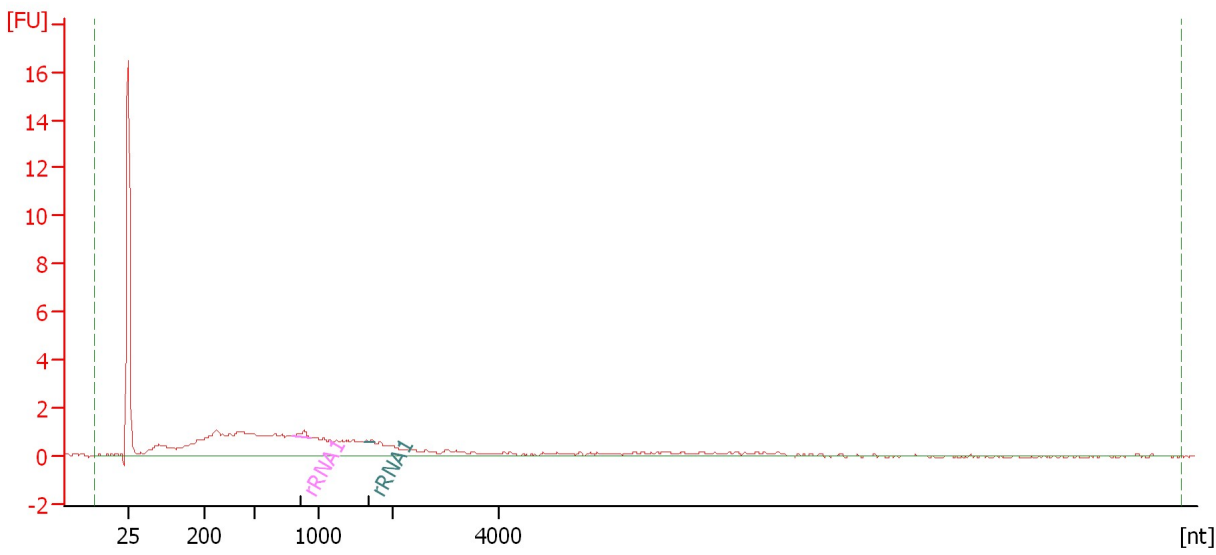
RNA Area:	13.9	rRNA Contamination:	0.0 %
RNA Concentration:	55 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

20 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 5 : 20

RNA Area: 49.9 rRNA Contamination: 1.0 %
RNA Concentration: 199 pg/μl

Fragment table for sample 5 : 20

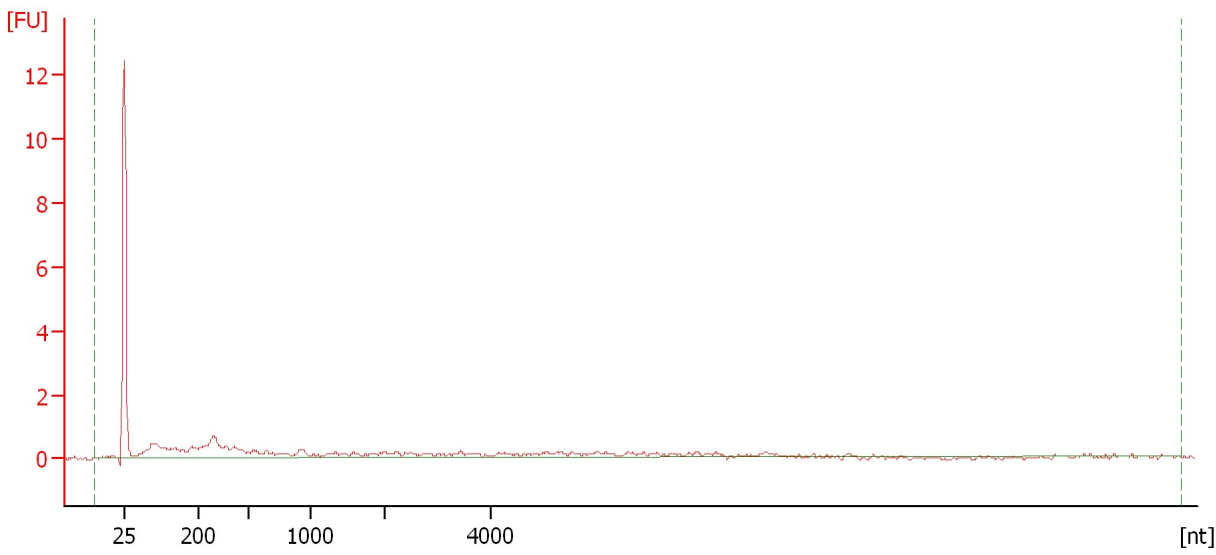
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	805	949	0.4	0.9
rRNA1	1,629	1,746	0.1	0.2

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

18 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 6 : 18

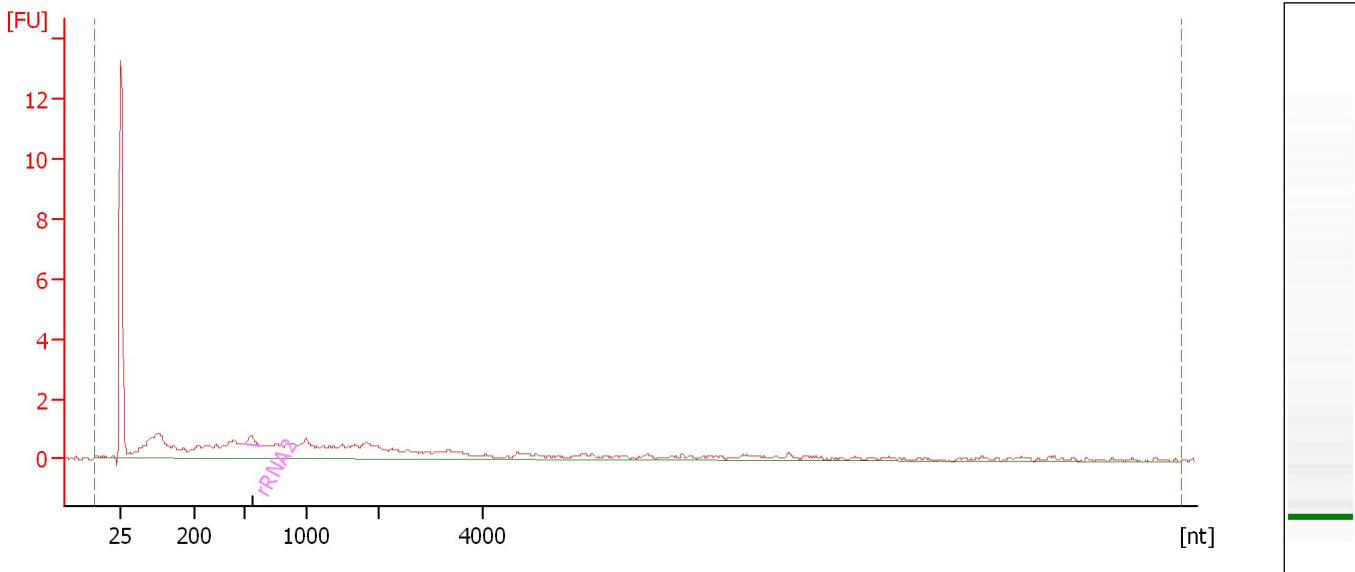
RNA Area:	19.8	rRNA Contamination:	0.0 %
RNA Concentration:	79 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

26 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 7 : 26

RNA Area: 38.1 rRNA Contamination: 1.5 %
RNA Concentration: 152 pg/μl

Fragment table for sample 7 : 26

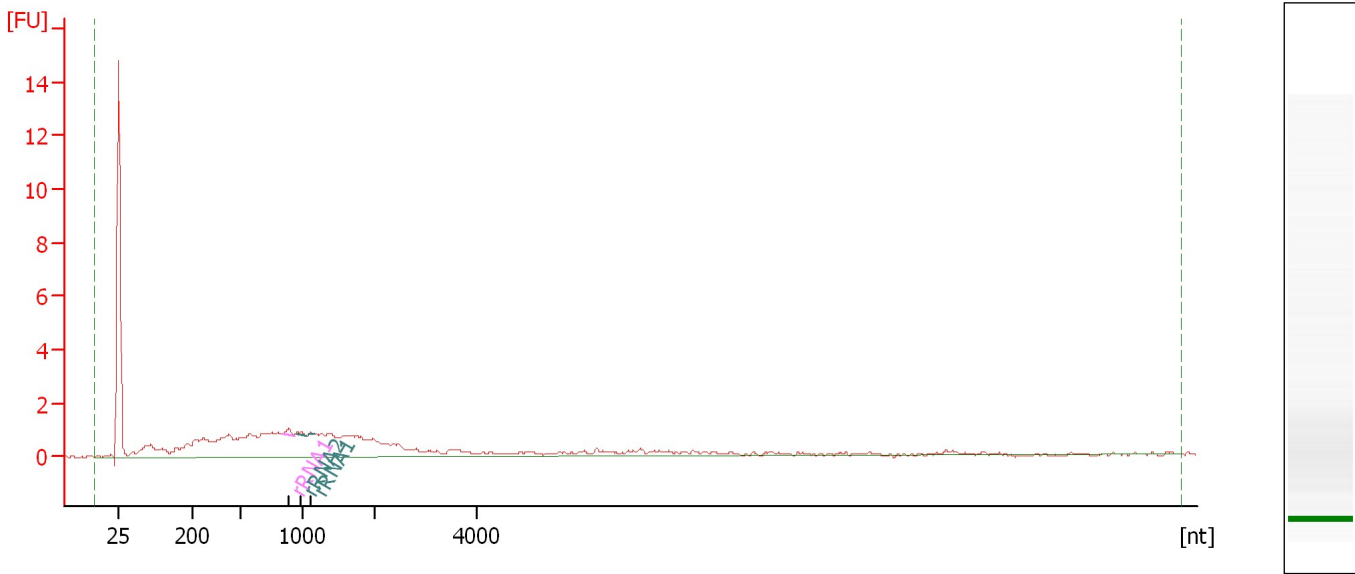
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	498	632	0.6	1.5

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

32 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 8 : 32

RNA Area: 48.0 rRNA Contamination: 1.0 %
RNA Concentration: 191 pg/μl

Fragment table for sample 8 : 32

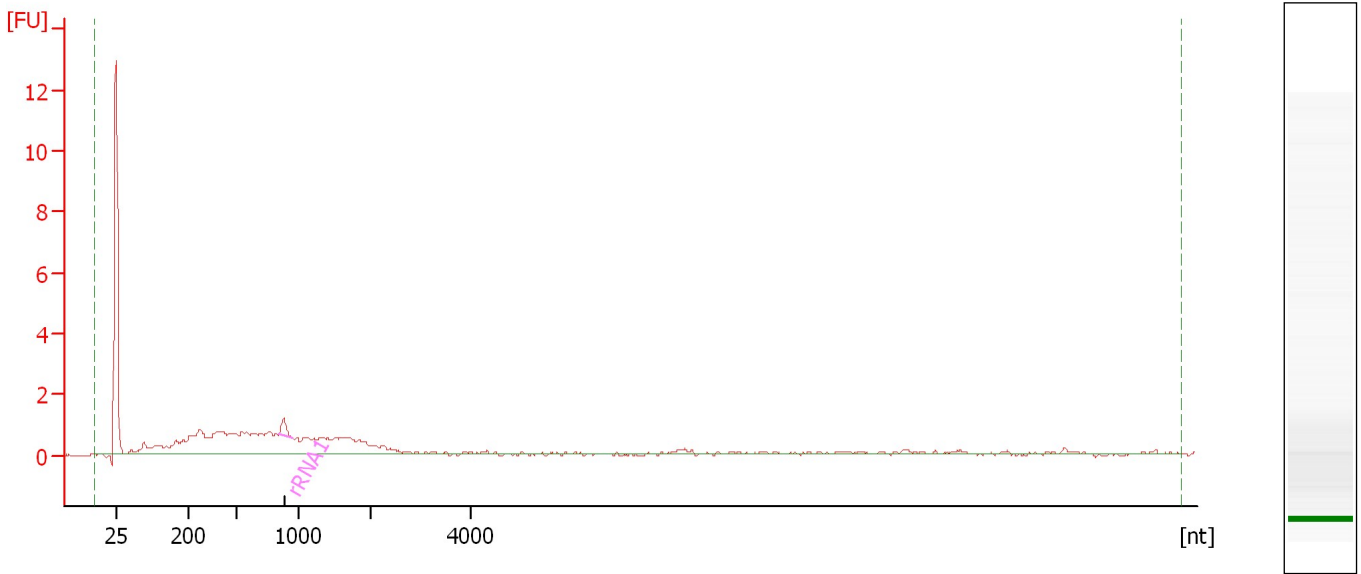
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	837	934	0.3	0.6
rRNA2	954	1,054	0.1	0.3
rRNA1	1,098	1,186	0.0	0.1

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

36 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 9 : 36

RNA Area: 31.5 rRNA Contamination: 2.2 %
RNA Concentration: 125 pg/μl

Fragment table for sample 9 : 36

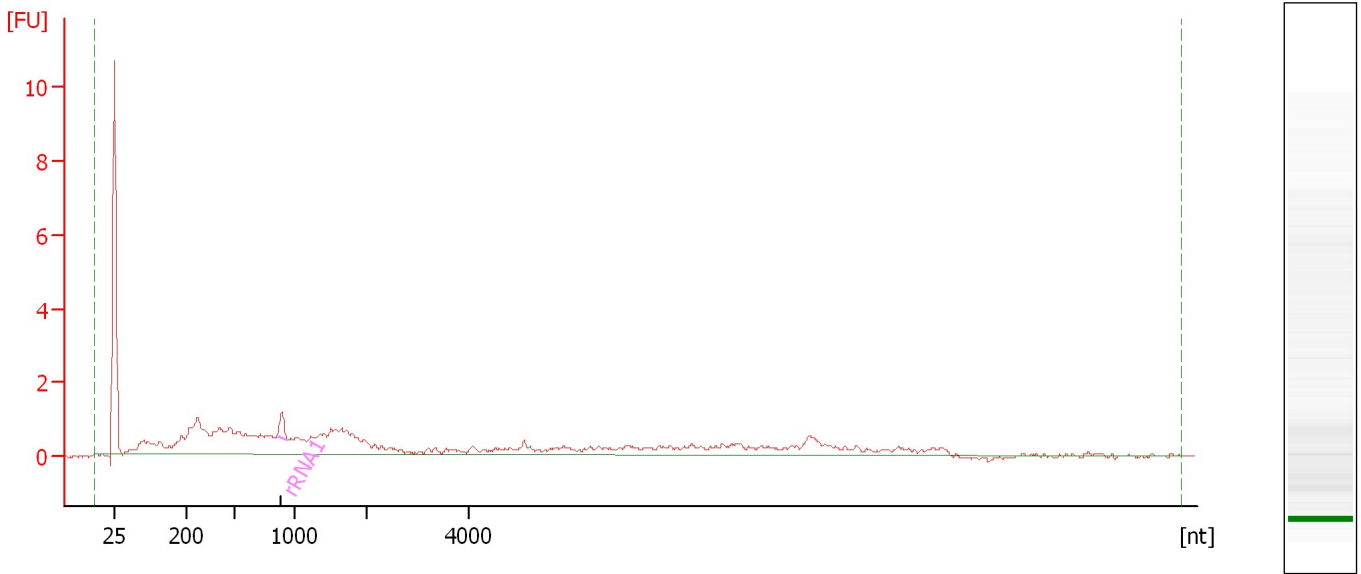
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	842	953	0.7	2.2

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

38 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 10 : 38

RNA Area: 42.8 rRNA Contamination: 1.9 %
RNA Concentration: 171 pg/μl

Fragment table for sample 10 : 38

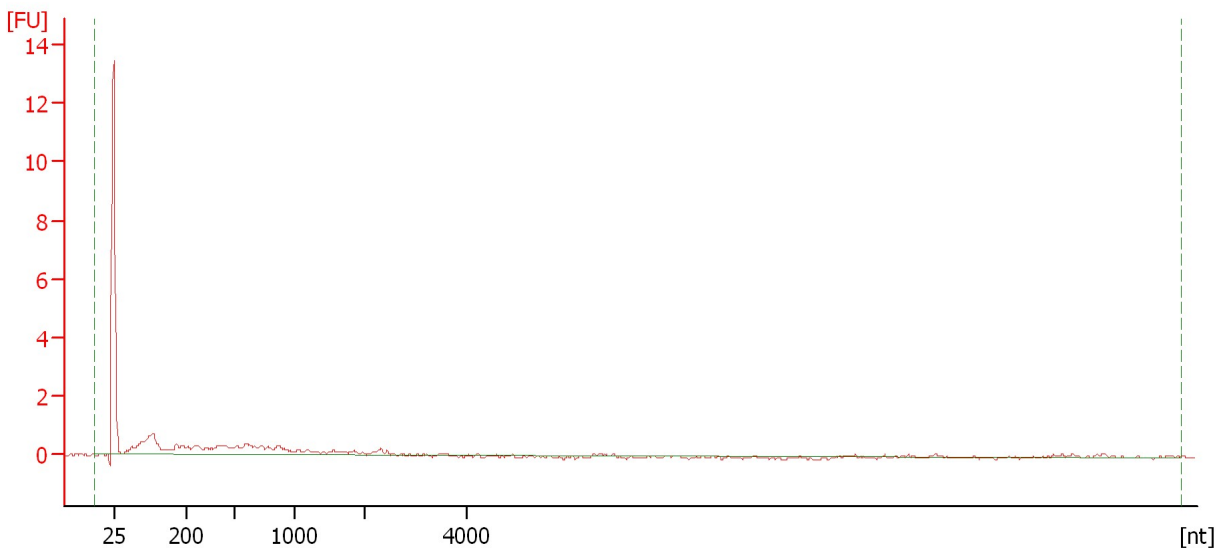
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	850	929	0.8	1.9

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Electropherogram Summary Continued ...

44 [HiSeq1468 RiboDepleted RNA]



Overall Results for sample 11 : 44

RNA Area:	15.6	rRNA Contamination:	0.0 %
RNA Concentration:	62 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-09-17\2018-09-17_001.xad

Created: 9/17/2018 8:07:15 AM
Modified: 9/17/2018 8:33:08 AM

Gel Image

