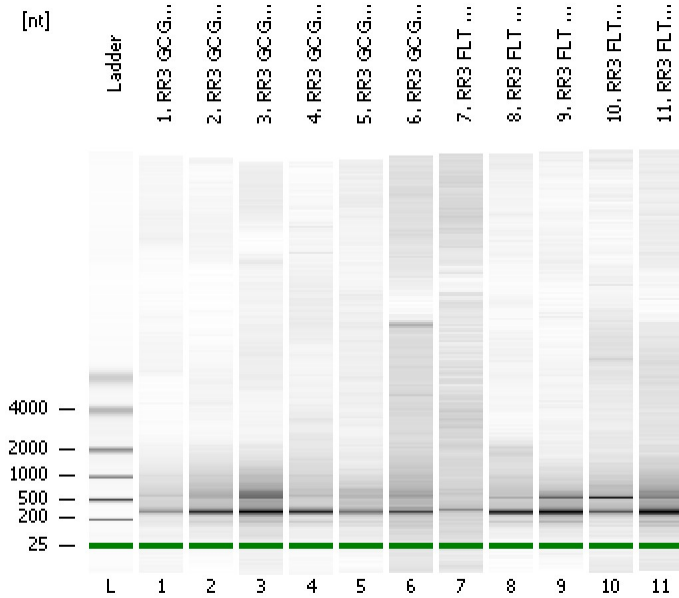


Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 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\mRNA Pico Series II.xsy

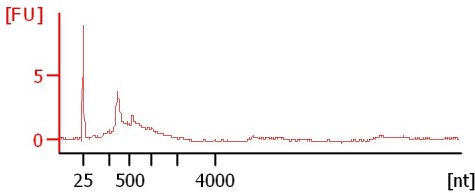
Assay Class: mRNA Pico  
Version: 2.6  
Assay Comments: mRNA Analysis pg sensitivity

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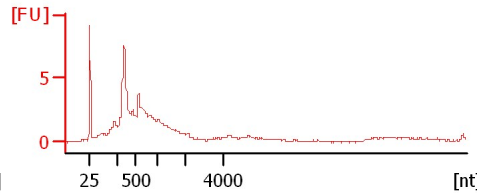
Chip Information:

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

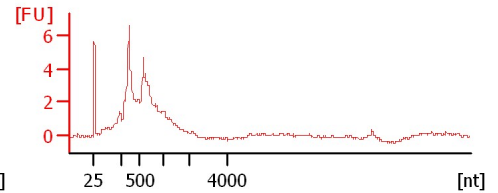
**1. RR3 GC G1 LVR**  
HiSeq\_904 Ribo Depleted RNA



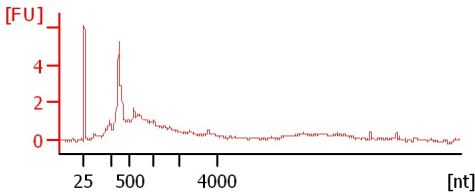
**2. RR3 GC G2 LVR**  
HiSeq\_904 Ribo Depleted RNA



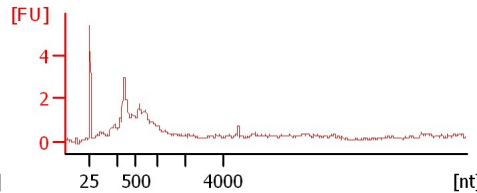
**3. RR3 GC G3 LVR**  
HiSeq\_904 Ribo Depleted RNA



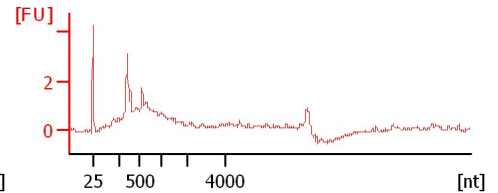
**4. RR3 GC G7 LVR**  
HiSeq\_904 Ribo Depleted RNA



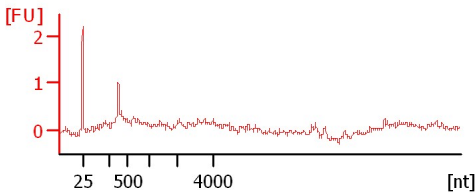
**5. RR3 GC G5 LVR**  
HiSeq\_904 Ribo Depleted RNA



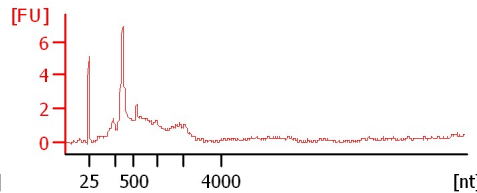
**6. RR3 GC G6 LVR**  
HiSeq\_904 Ribo Depleted RNA



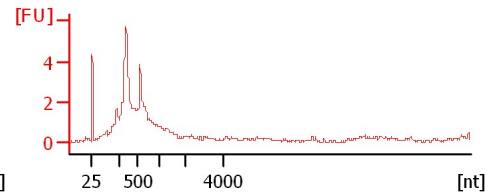
**7. RR3 FLT F1 LVR**  
HiSeq\_904 Ribo Depleted RNA



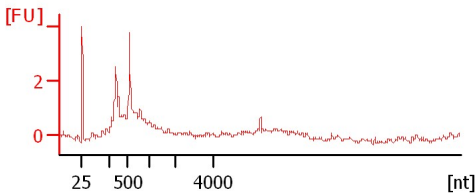
**8. RR3 FLT F2 LVR**  
HiSeq\_904 Ribo Depleted RNA



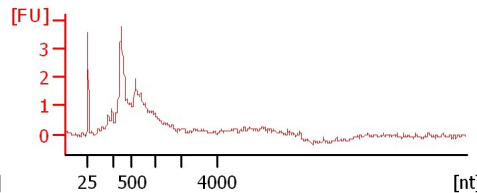
**9. RR3 FLT F3 LVR**  
HiSeq\_904 Ribo Depleted RNA



**10. RR3 FLT F4 LVR**  
HiSeq\_904 Ribo Depleted RNA



**11. RR3 FLT F5 LVR**  
HiSeq\_904 Ribo Depleted RNA



Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electrophoresis File Run Summary (Chip Summary)**

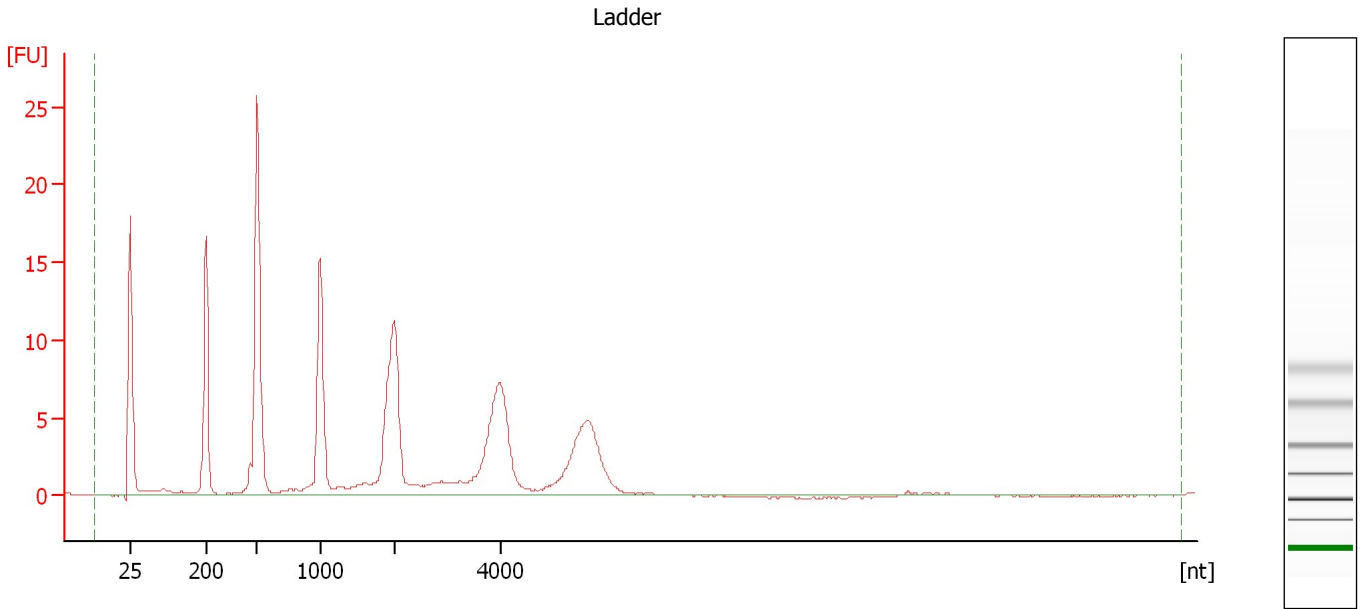
Sample Name	Sample Comment	Status	Result Label	Result Color
1. RR3 GC G1 LVR	HiSeq_904 Ribo Depleted RNA	✓		
2. RR3 GC G2 LVR	HiSeq_904 Ribo Depleted RNA	✓		
3. RR3 GC G3 LVR	HiSeq_904 Ribo Depleted RNA	✓		
4. RR3 GC G7 LVR	HiSeq_904 Ribo Depleted RNA	✓		
5. RR3 GC G5 LVR	HiSeq_904 Ribo Depleted RNA	✓		
6. RR3 GC G6 LVR	HiSeq_904 Ribo Depleted RNA	✓		
7. RR3 FLT F1 LVR	HiSeq_904 Ribo Depleted RNA	✓		
8. RR3 FLT F2 LVR	HiSeq_904 Ribo Depleted RNA	✓		
9. RR3 FLT F3 LVR	HiSeq_904 Ribo Depleted RNA	✓		
10. RR3 FLT F4 LVR	HiSeq_904 Ribo Depleted RNA	✓		
11. RR3 FLT F5 LVR	HiSeq_904 Ribo Depleted RNA	✓		
Ladder		✓		

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

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary**



**Overall Results for Ladder**

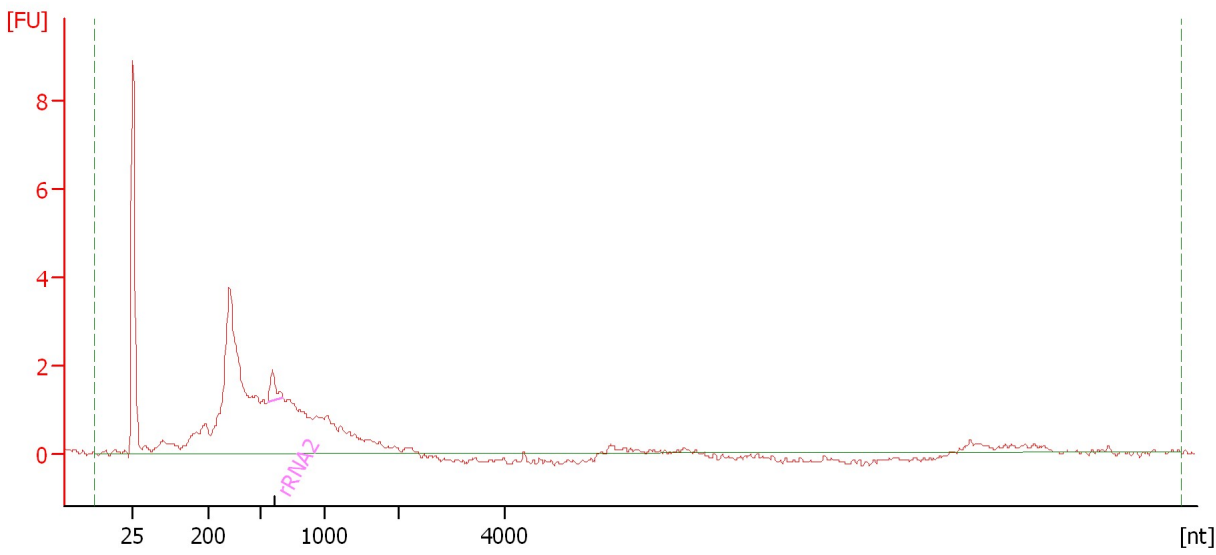
RNA Area: 186.0                      RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

1. RR3 GC G1 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 1 : 1. RR3 GC G1 LVR**

RNA Area: 48.7                      rRNA Contamination: 1.9 %  
RNA Concentration: 262 pg/μl

**Fragment table for sample 1 : 1. RR3 GC G1 LVR**

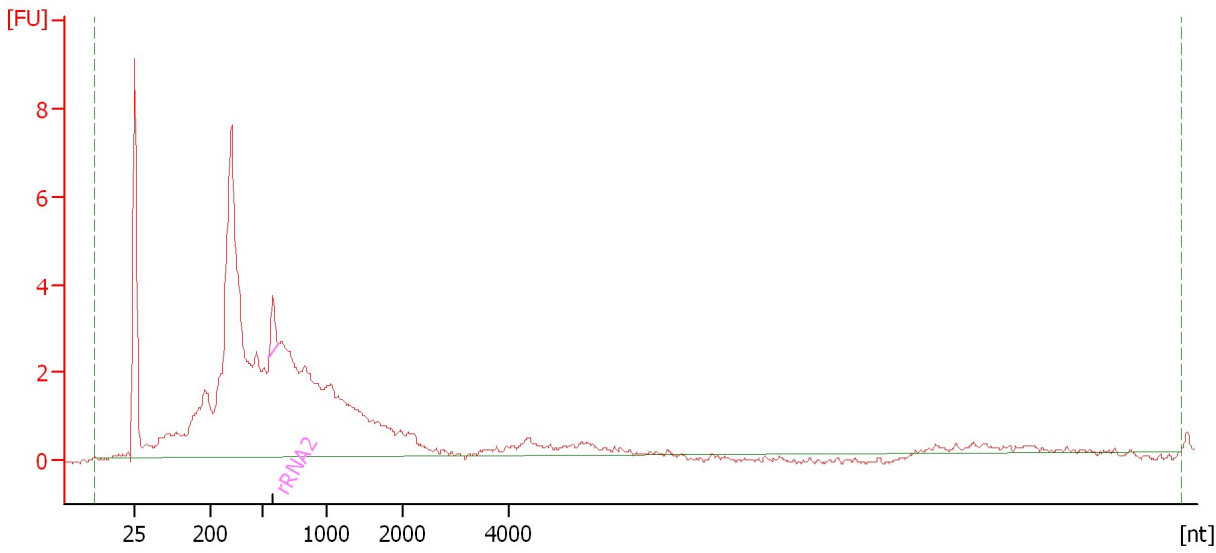
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	554	673	0.9	1.9

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

2. RR3 GC G2 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 2 : 2. RR3 GC G2 LVR**

RNA Area: 103.9                      rRNA Contamination: 1.3 %  
RNA Concentration: 559 pg/μl

**Fragment table for sample 2 : 2. RR3 GC G2 LVR**

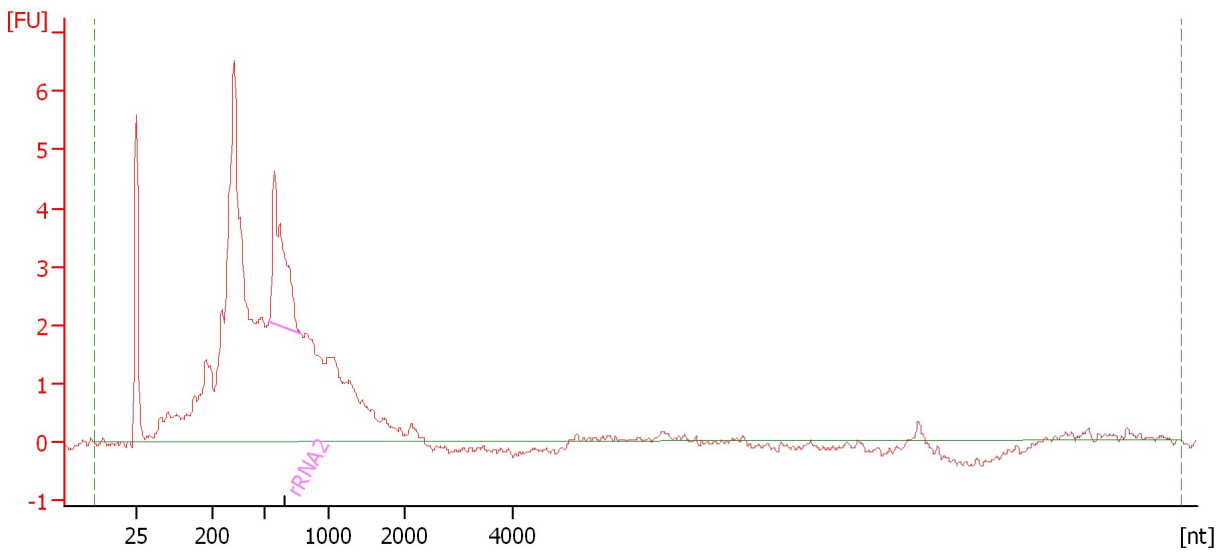
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	548	623	1.4	1.3

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

3. RR3 GC G3 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 3 : 3. RR3 GC G3 LVR**

RNA Area: 91.8                      rRNA Contamination: 8.2 %  
RNA Concentration: 493 pg/μl

**Fragment table for sample 3 : 3. RR3 GC G3 LVR**

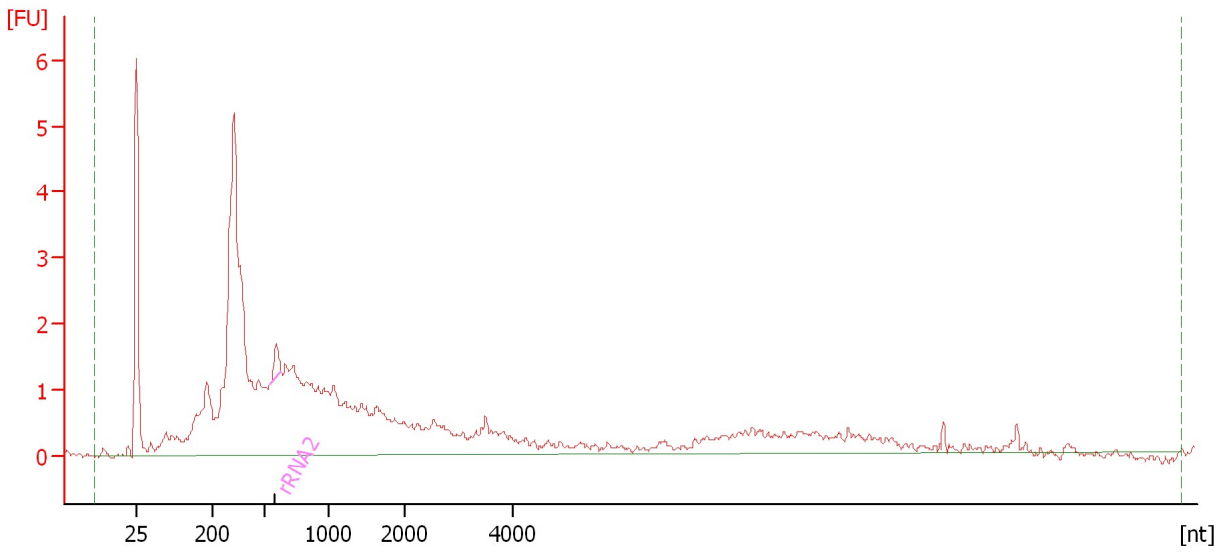
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	530	779	7.6	8.2

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

4. RR3 GC G7 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 4 : 4. RR3 GC G7 LVR**

RNA Area: 75.5 rRNA Contamination: 0.8 %  
RNA Concentration: 406 pg/μl

**Fragment table for sample 4 : 4. RR3 GC G7 LVR**

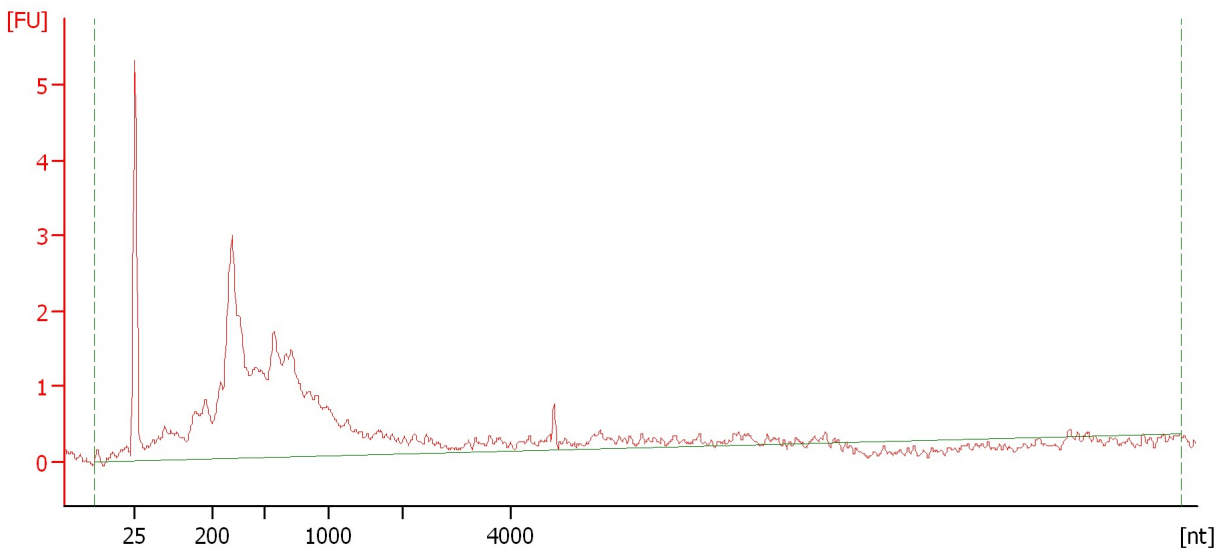
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	536	623	0.6	0.8

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

5. RR3 GC G5 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 5 : 5. RR3 GC G5 LVR**

RNA Area: 53.5                      rRNA Contamination: 0.0 %  
RNA Concentration: 287 pg/μl

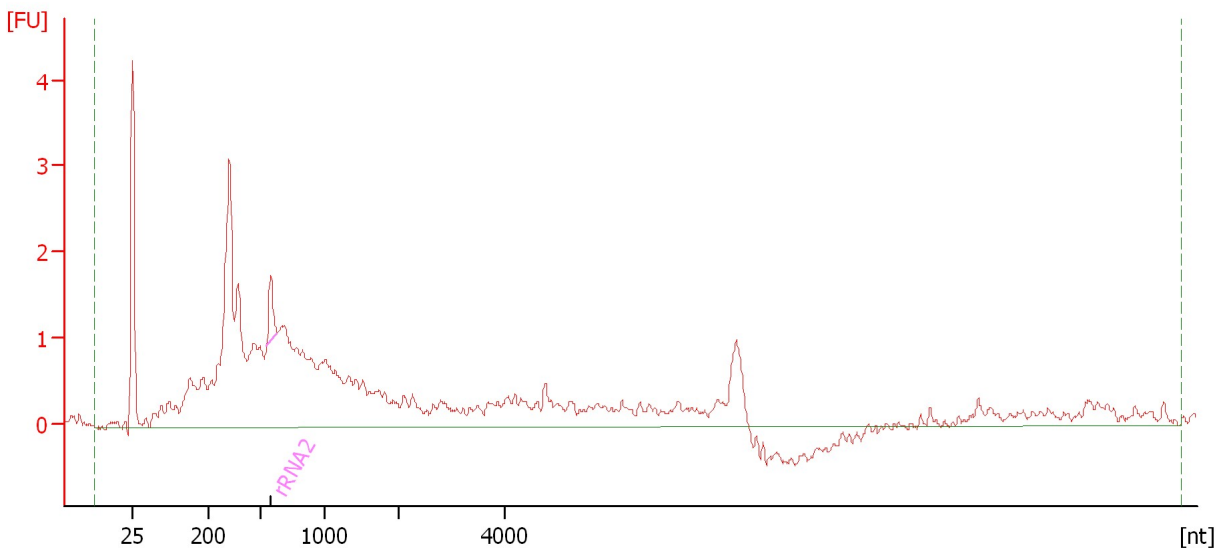


Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

6. RR3 GC G6 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 6 : 6. RR3 GC G6 LVR**

RNA Area: 57.8                      rRNA Contamination: 1.4 %  
RNA Concentration: 311 pg/μl

**Fragment table for sample 6 : 6. RR3 GC G6 LVR**

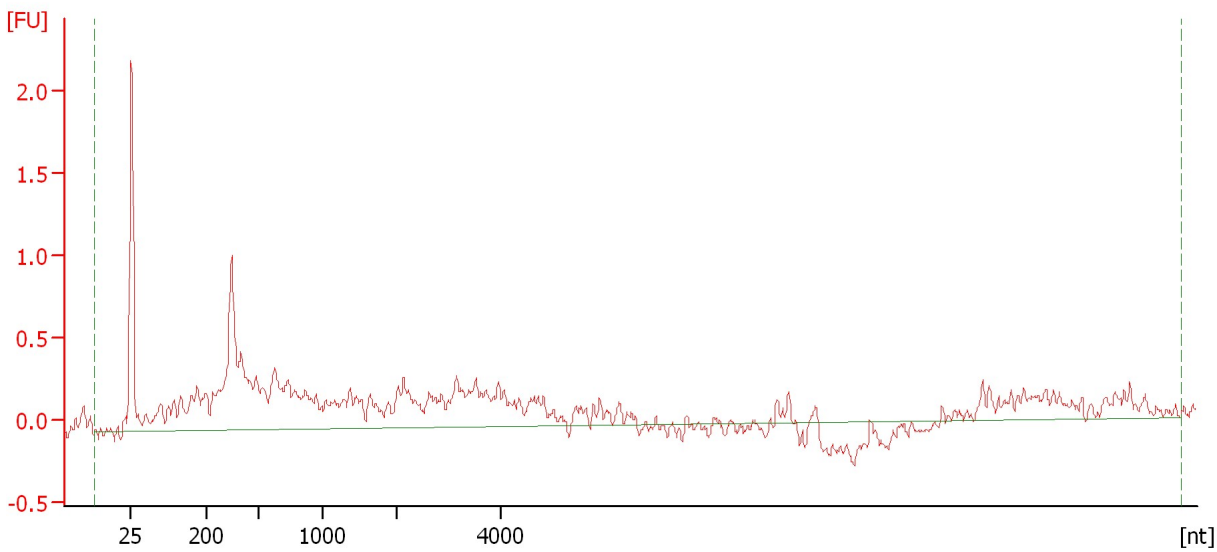
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	548	623	0.8	1.4

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

7. RR3 FLT F1 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 7 : 7. RR3 FLT F1 LVR**

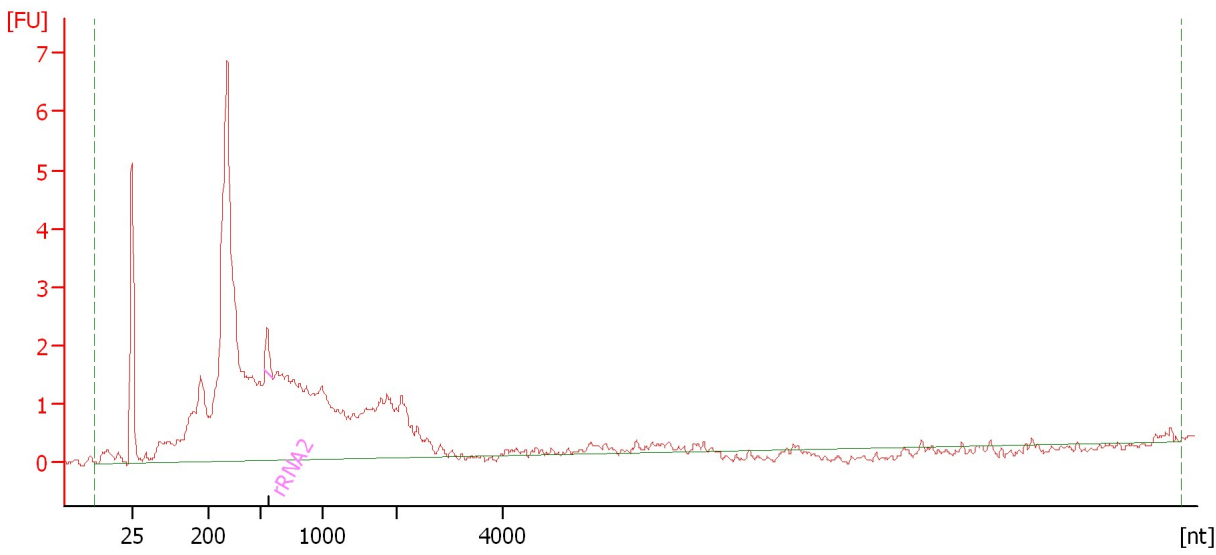
RNA Area: 19.9                      rRNA Contamination: 0.0 %  
RNA Concentration: 107 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

8. RR3 FLT F2 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 8 : 8. RR3 FLT F2 LVR**

RNA Area: 77.7 rRNA Contamination: 0.9 %  
RNA Concentration: 418 pg/μl

**Fragment table for sample 8 : 8. RR3 FLT F2 LVR**

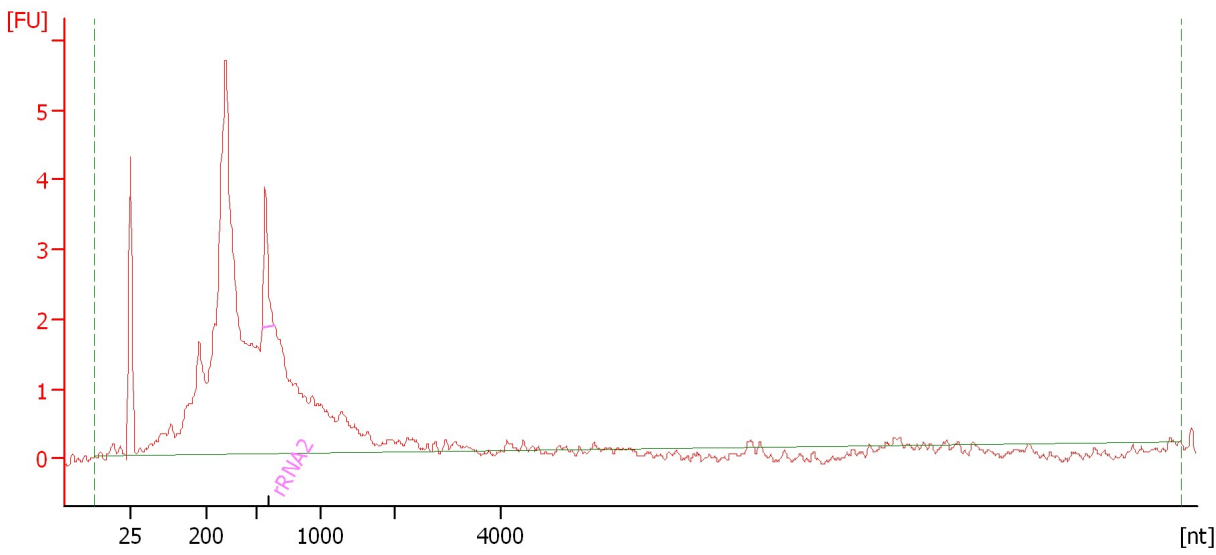
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	538	601	0.7	0.9

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

9. RR3 FLT F3 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 9 : 9. RR3 FLT F3 LVR**

RNA Area: 68.3                      rRNA Contamination: 3.1 %  
RNA Concentration: 367 pg/μl

**Fragment table for sample 9 : 9. RR3 FLT F3 LVR**

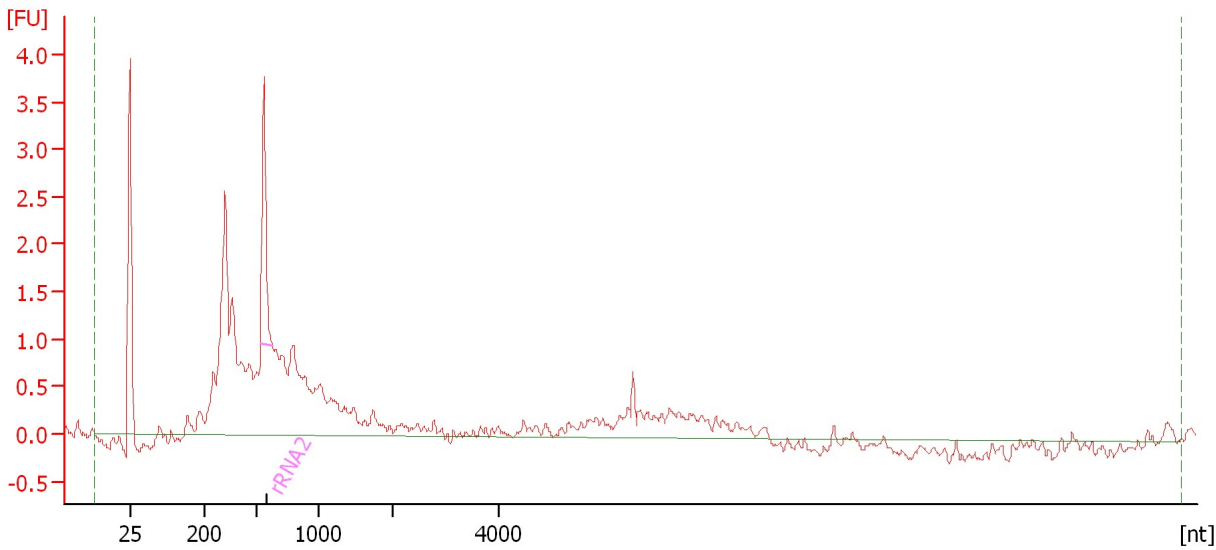
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	537	632	2.1	3.1

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

10. RR3 FLT F4 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 10 : 10. RR3 FLT F4 LVR**

RNA Area: 36.3                      rRNA Contamination: 7.9 %  
RNA Concentration: 195 pg/μl

**Fragment table for sample 10 : 10. RR3 FLT F4 LVR**

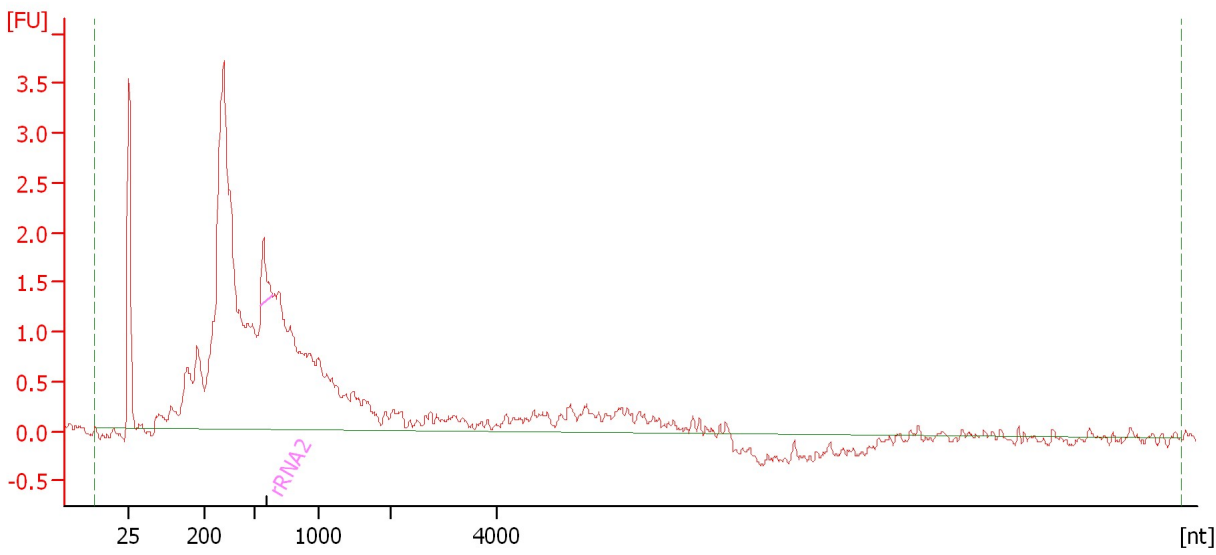
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	534	629	2.9	7.9

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Electropherogram Summary Continued ...**

11. RR3 FLT F5 LVR [ HiSeq\_904 Ribo Depleted RNA ]



**Overall Results for sample 11 : 11. RR3 FLT F5 LVR**

RNA Area: 52.0                      rRNA Contamination: 1.5 %  
RNA Concentration: 279 pg/μl

**Fragment table for sample 11 : 11. RR3 FLT F5 LVR**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	543	639	0.8	1.5

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-09\2017-06-09\_001.xad

Created: 6/9/2017 9:10:43 AM  
Modified: 6/9/2017 9:36:37 AM

**Gel Image**

