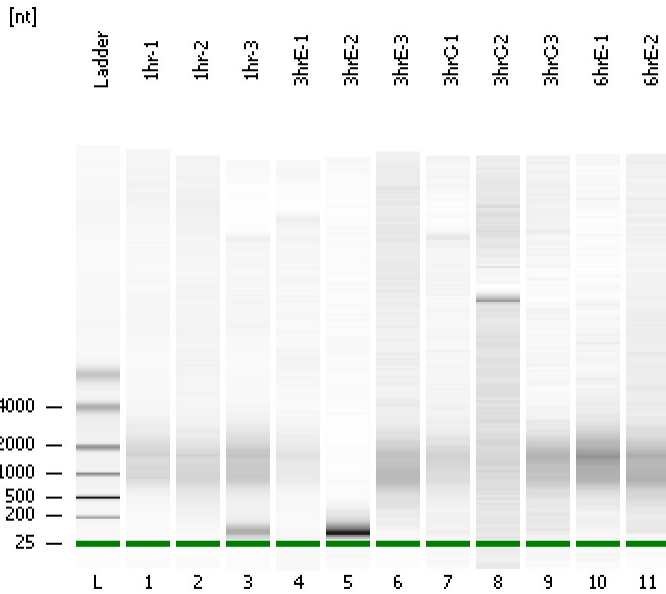


Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

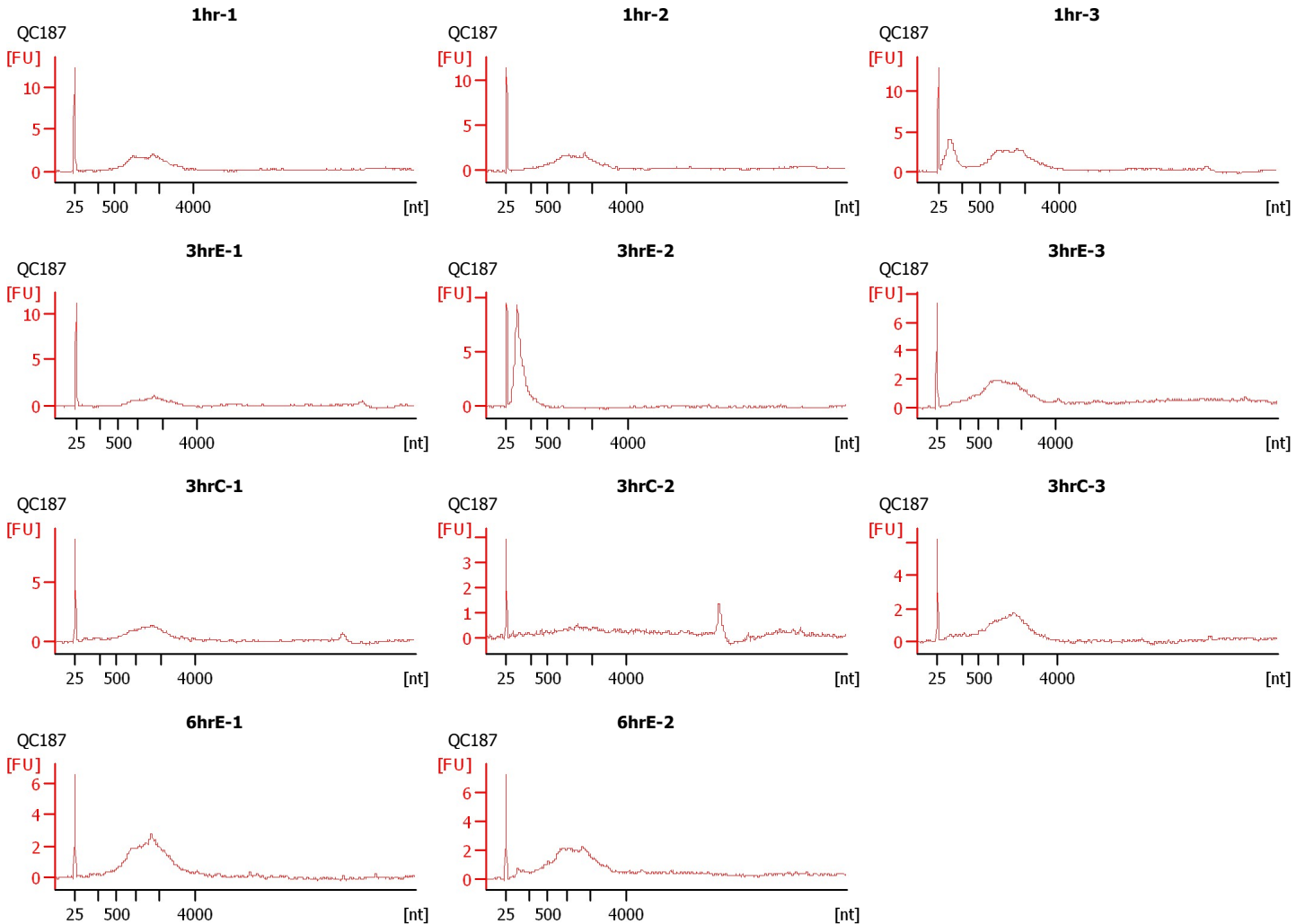
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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:



Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

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

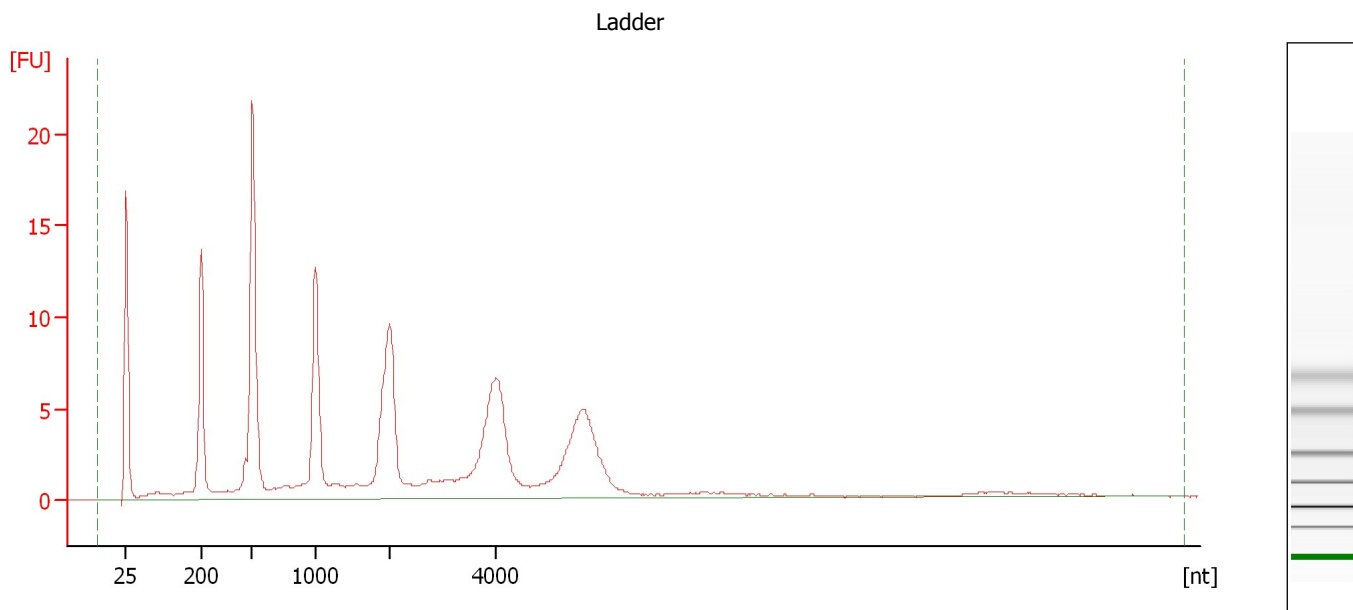
Sample Name	Sample Comment	Status	Result Label	Result Color
1hr-1	QC187	✓		
1hr-2	QC187	✓		
1hr-3	QC187	✓		
3hrE-1	QC187	✓		
3hrE-2	QC187	✓		
3hrE-3	QC187	✓		
3hrC-1	QC187	✓		
3hrC-2	QC187	✓		
3hrC-3	QC187	✓		
6hrE-1	QC187	✓		
6hrE-2	QC187	✓		
Ladder		✓		

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

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary**



**Overall Results for Ladder**

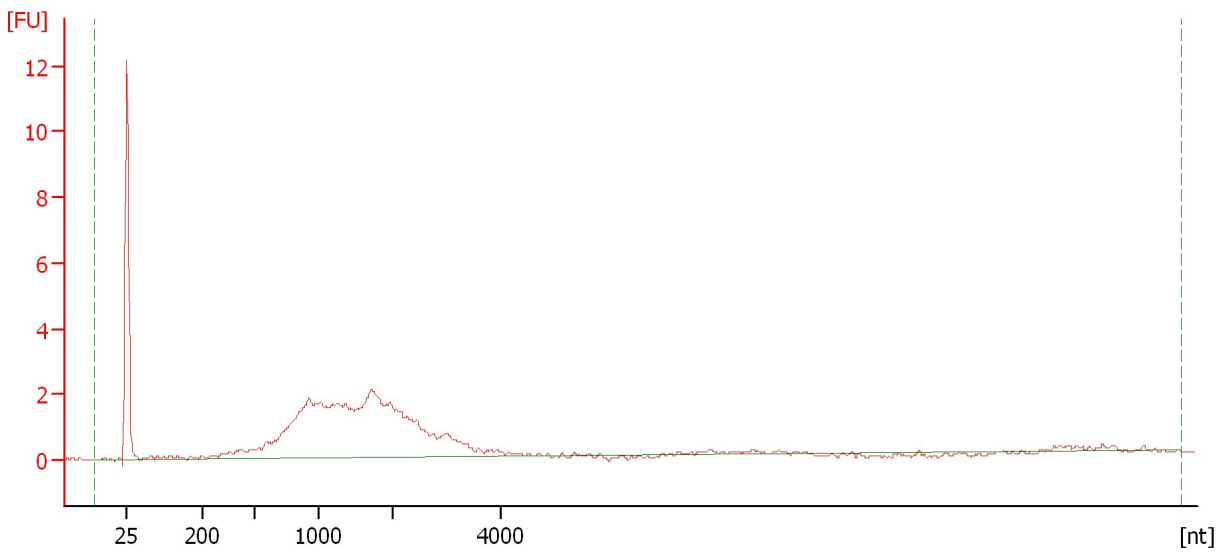
RNA Area: 194.9                      RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

1hr-1 [ QC187 ]



**Overall Results for sample 1 : 1hr-1**

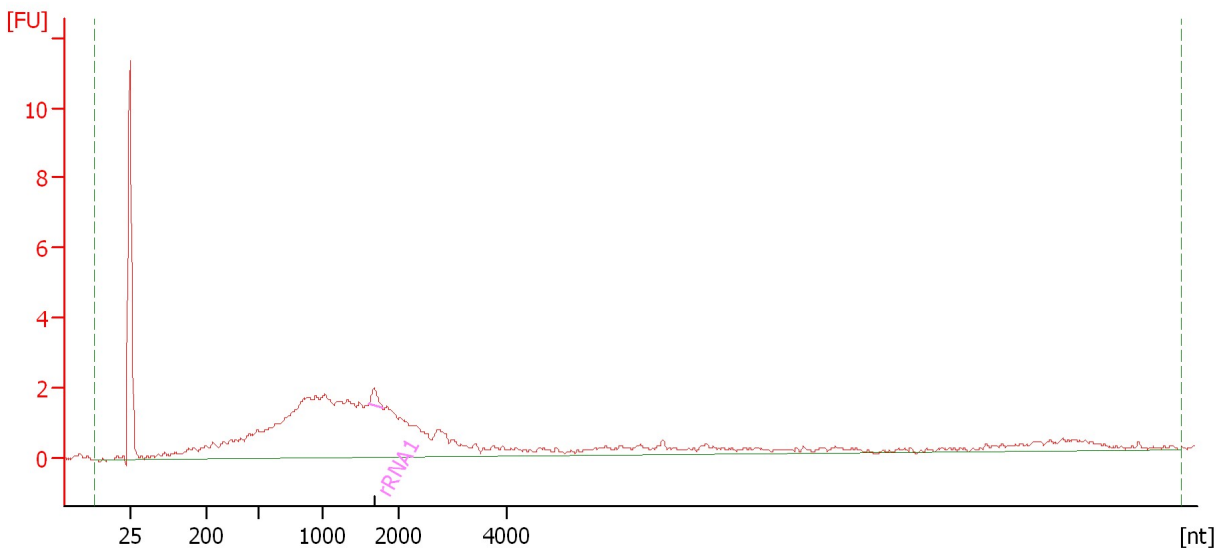
RNA Area:	52.4	rRNA Contamination:	0.0 %
RNA Concentration:	269 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

1hr-2 [ QC187 ]



**Overall Results for sample 2 : 1hr-2**

RNA Area: 67.5                      rRNA Contamination: 1.0 %  
RNA Concentration: 347 pg/μl

**Fragment table for sample 2 : 1hr-2**

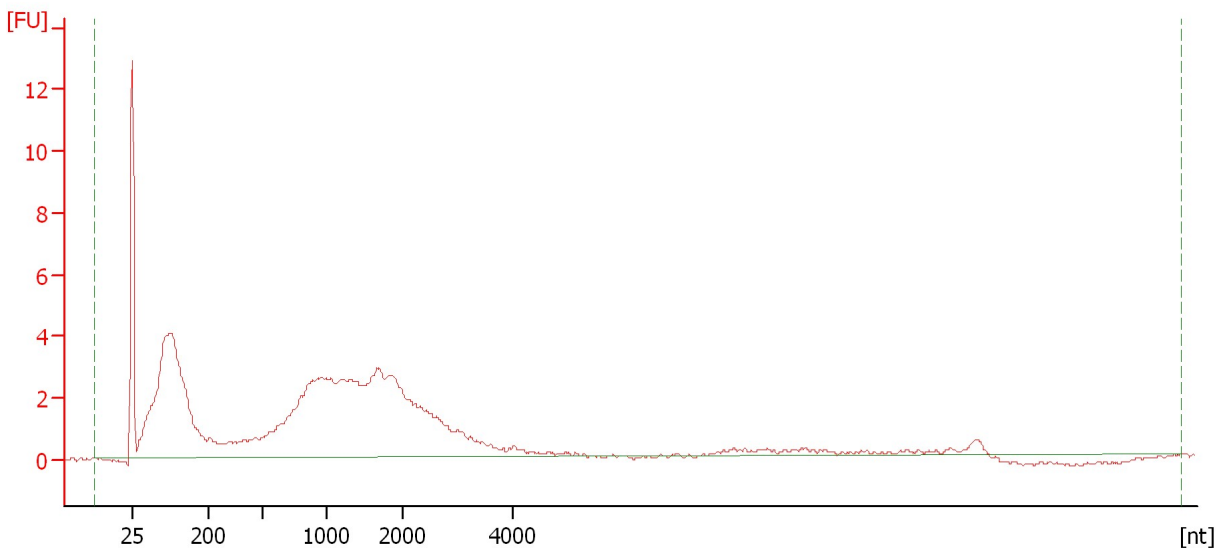
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,606	1,785	0.6	1.0

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

1hr-3 [ QC187 ]



**Overall Results for sample 3 : 1hr-3**

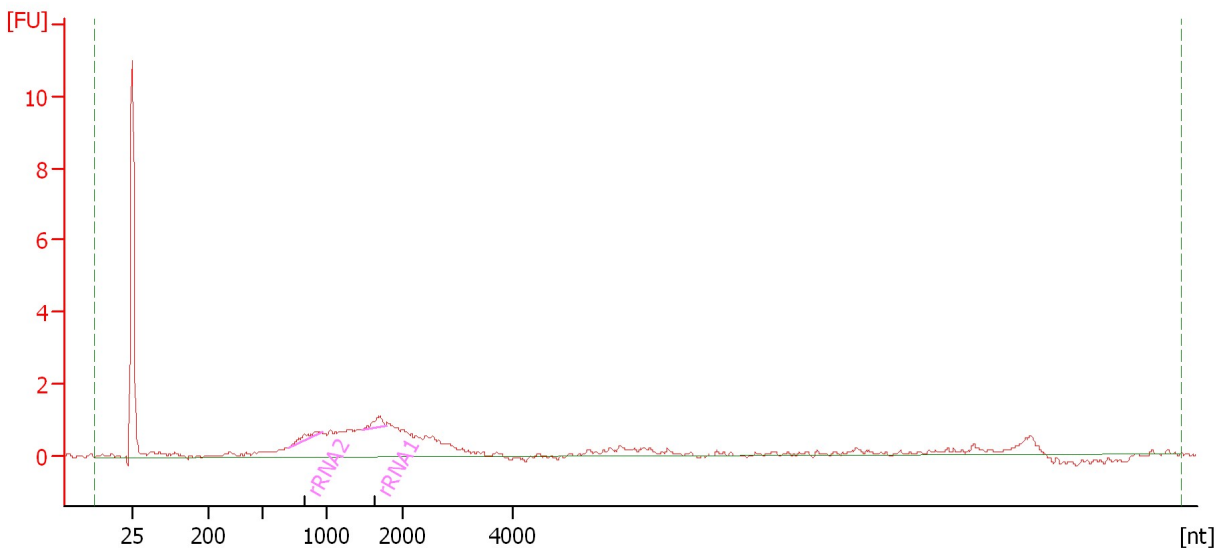
RNA Area: 134.1                      rRNA Contamination: 0.0 %  
RNA Concentration: 688 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

3hrE-1 [ QC187 ]



**Overall Results for sample 4 : 3hrE-1**

RNA Area: 32.5                      rRNA Contamination: 3.5 %  
RNA Concentration: 166 pg/μl

**Fragment table for sample 4 : 3hrE-1**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	703	967	0.6	1.9
rRNA1	1,465	1,768	0.5	1.6

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

3hrE-2 [ QC187 ]



**Overall Results for sample 5 : 3hrE-2**

RNA Area: 77.4                      rRNA Contamination: 0.0 %  
RNA Concentration: 397 pg/μl

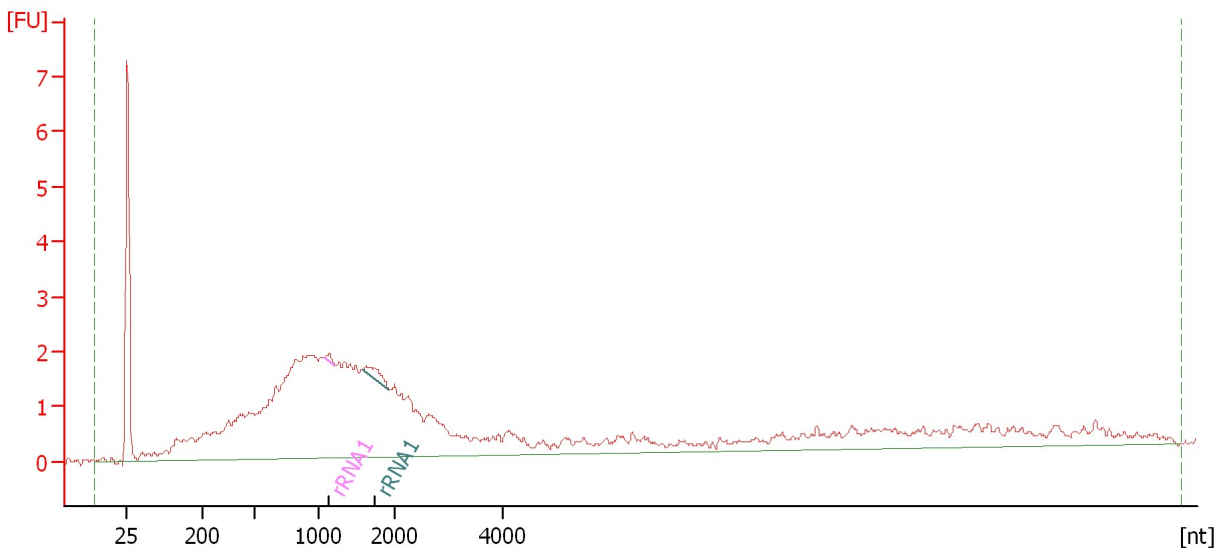


Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

3hrE-3 [ QC187 ]



**Overall Results for sample 6 : 3hrE-3**

RNA Area: 85.7                      rRNA Contamination: 0.9 %  
RNA Concentration: 440 pg/μl

**Fragment table for sample 6 : 3hrE-3**

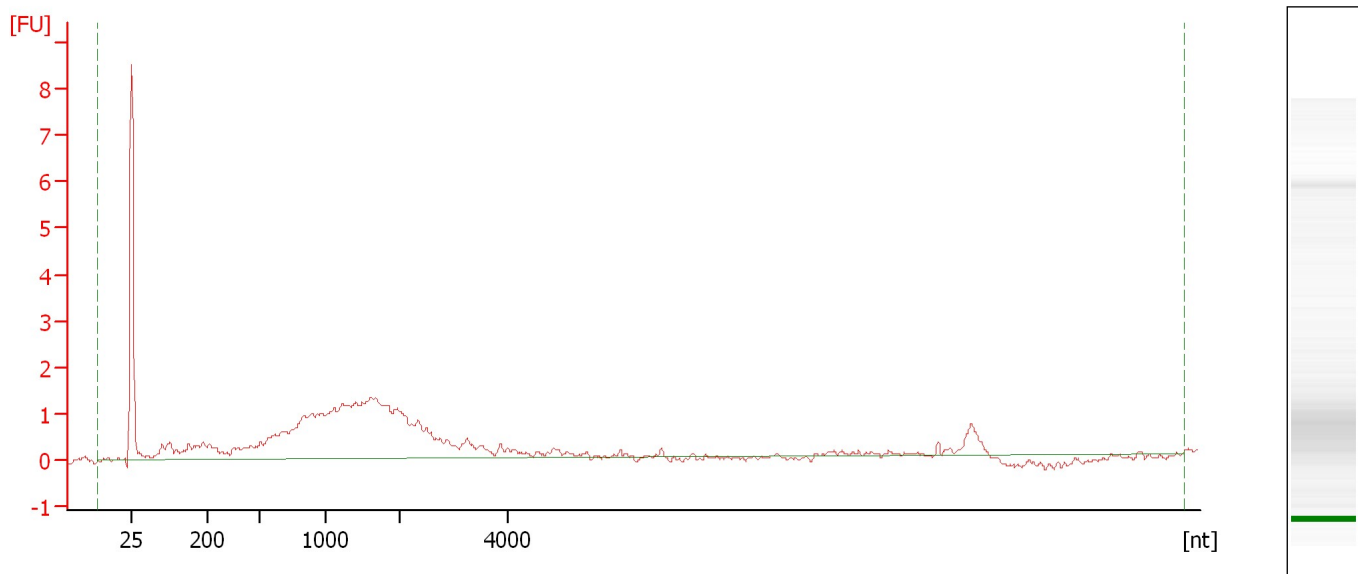
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,070	1,208	0.1	0.1
rRNA1	1,568	1,929	0.6	0.7

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

3hrC-1 [ QC187 ]



**Overall Results for sample 7 : 3hrC-1**

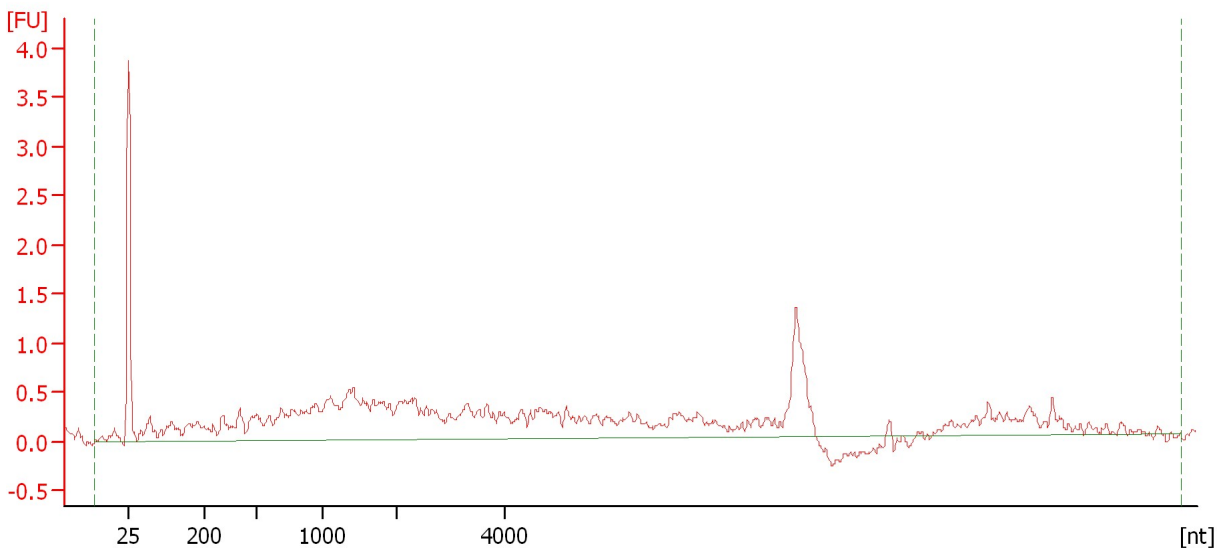
RNA Area: 43.1                      rRNA Contamination: 0.0 %  
RNA Concentration: 221 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

3hrC-2 [ QC187 ]



**Overall Results for sample 8 : 3hrC-2**

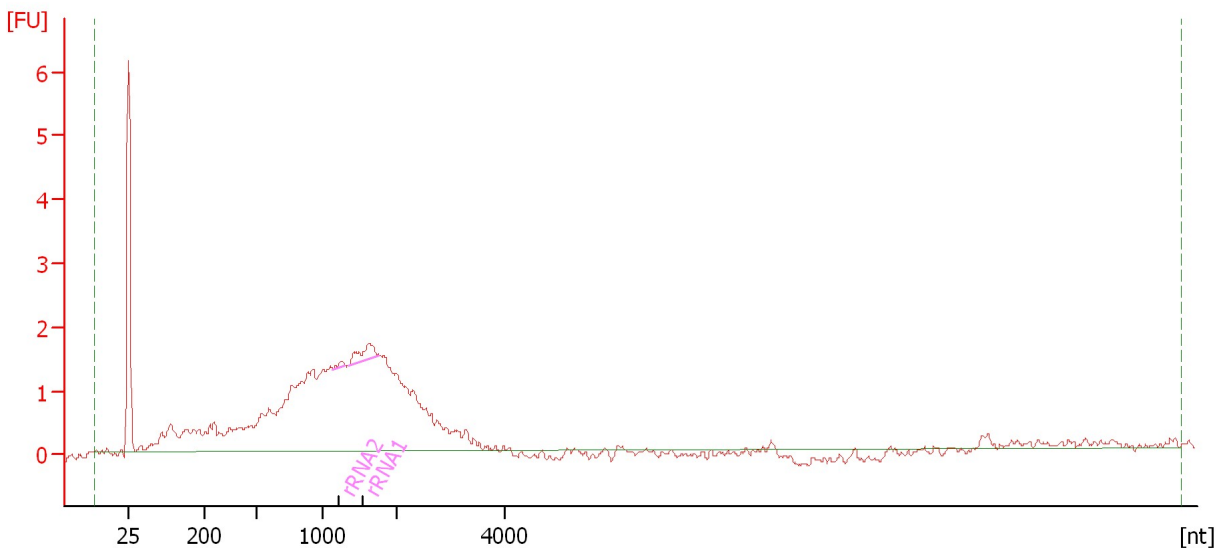
RNA Area: 30.0                      rRNA Contamination: 0.0 %  
RNA Concentration: 154 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

3hrC-3 [ QC187 ]



**Overall Results for sample 9 : 3hrC-3**

RNA Area: 50.8                      rRNA Contamination: 1.8 %  
RNA Concentration: 260 pg/μl

**Fragment table for sample 9 : 3hrC-3**

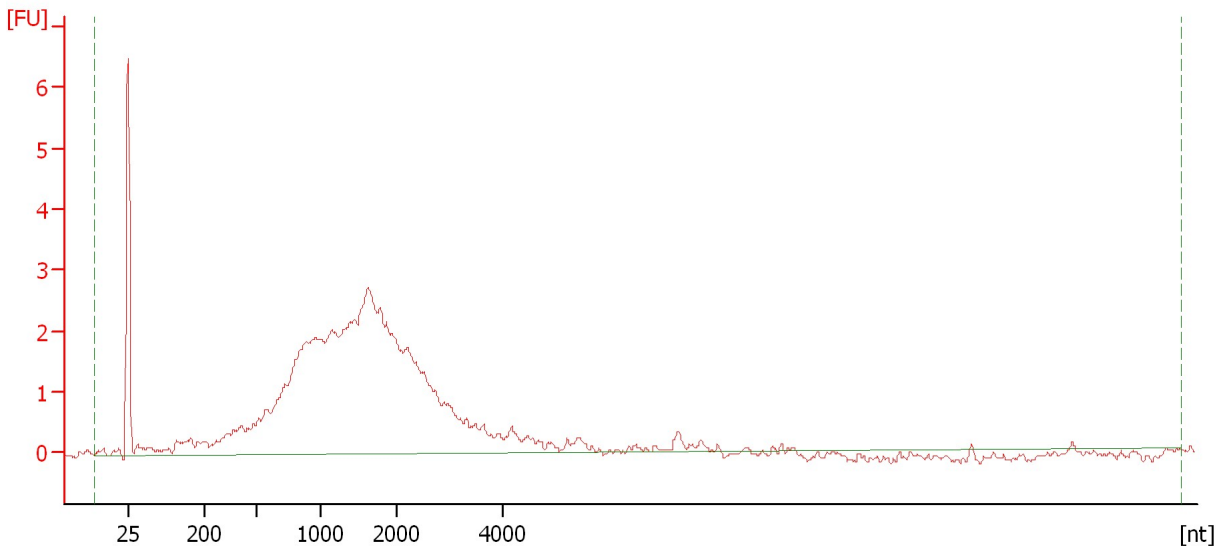
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	1,151	1,309	0.1	0.3
rRNA1	1,361	1,762	0.8	1.5

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

6hrE-1 [ QC187 ]



**Overall Results for sample 10 : 6hrE-1**

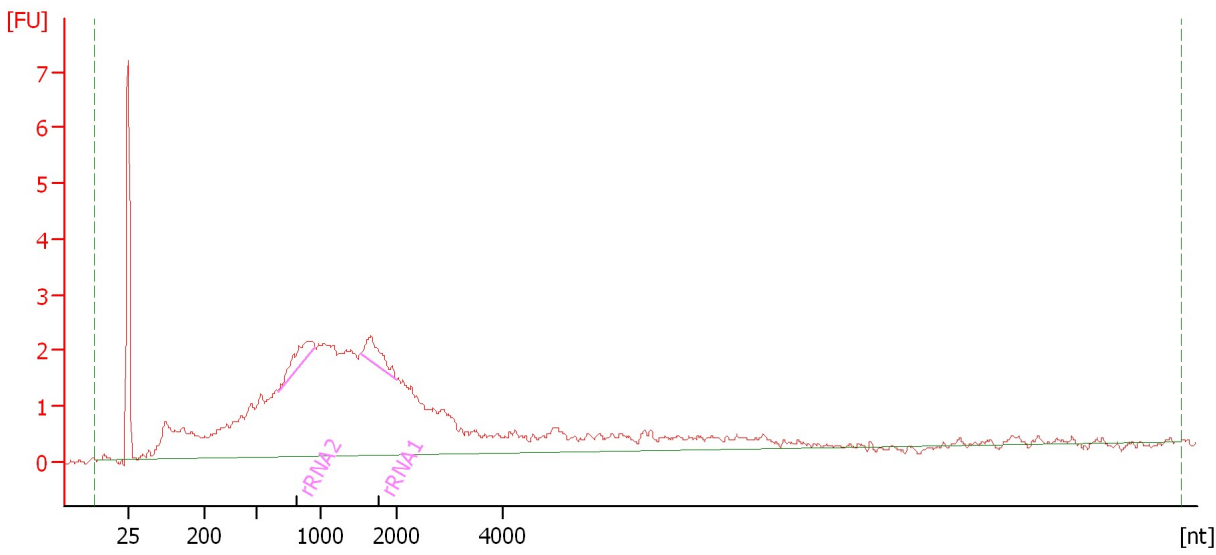
RNA Area: 76.9                      rRNA Contamination: 0.0 %  
RNA Concentration: 395 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Electropherogram Summary Continued ...**

6hrE-2 [ QC187 ]



**Overall Results for sample 11 : 6hrE-2**

RNA Area: 86.6                      rRNA Contamination: 3.7 %  
RNA Concentration: 444 pg/μl

**Fragment table for sample 11 : 6hrE-2**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	670	962	1.7	1.9
rRNA1	1,528	2,006	1.5	1.8

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-22\2017-06-22\_002.xad

Created: 6/22/2017 1:47:35 PM  
Modified: 6/22/2017 2:13:31 PM

**Gel Image**

