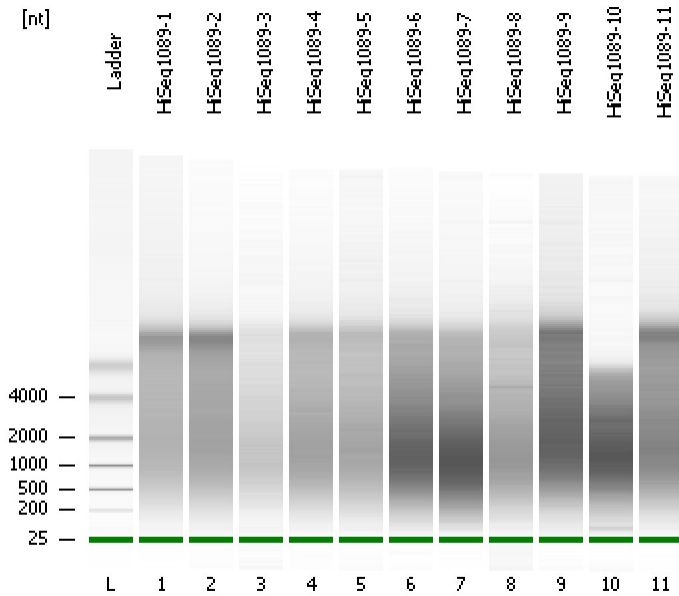


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

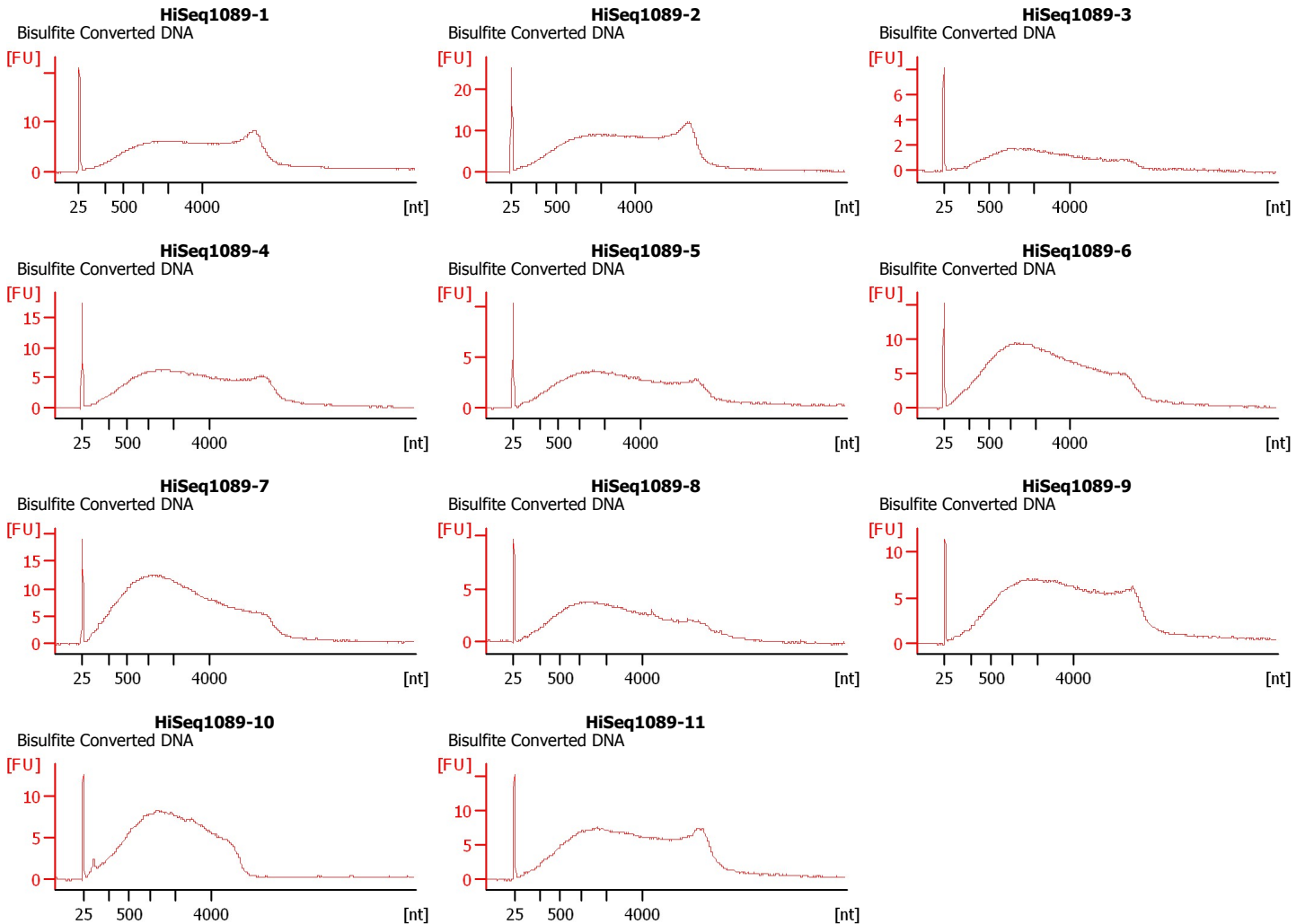
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
HiSeq1089-1	Bisulfite Converted DNA	✓		
HiSeq1089-2	Bisulfite Converted DNA	✓		
HiSeq1089-3	Bisulfite Converted DNA	✓		
HiSeq1089-4	Bisulfite Converted DNA	✓		
HiSeq1089-5	Bisulfite Converted DNA	✓		
HiSeq1089-6	Bisulfite Converted DNA	✓		
HiSeq1089-7	Bisulfite Converted DNA	✓		
HiSeq1089-8	Bisulfite Converted DNA	✓		
HiSeq1089-9	Bisulfite Converted DNA	✓		
HiSeq1089-10	Bisulfite Converted DNA	✓		
HiSeq1089-11	Bisulfite Converted DNA	✓		
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

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/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 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

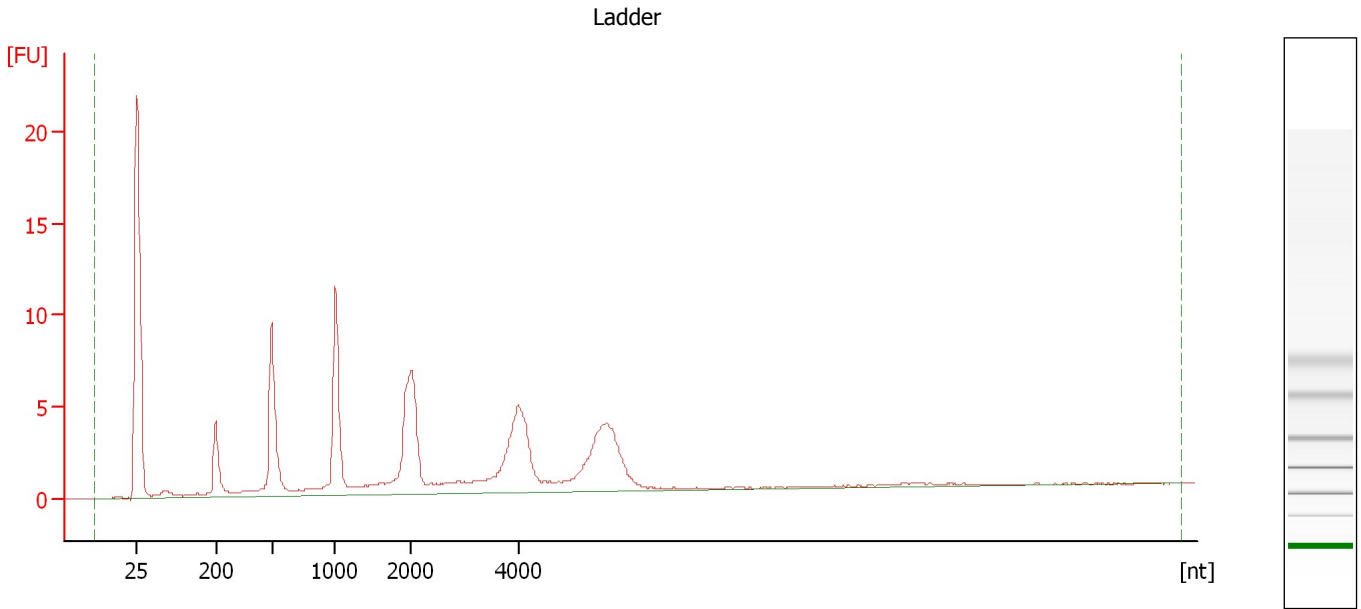
Ladder

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\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary



Overall Results for Ladder

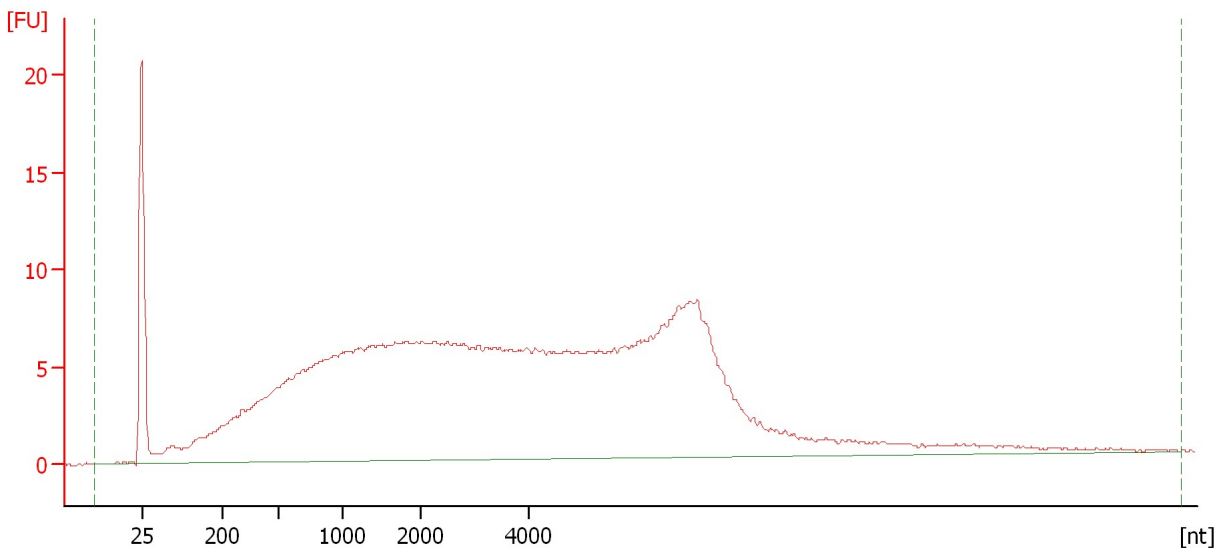
RNA Area: 118.9 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-1 [Bisulfite Converted DNA]



Overall Results for sample 1 : HiSeq1089-1

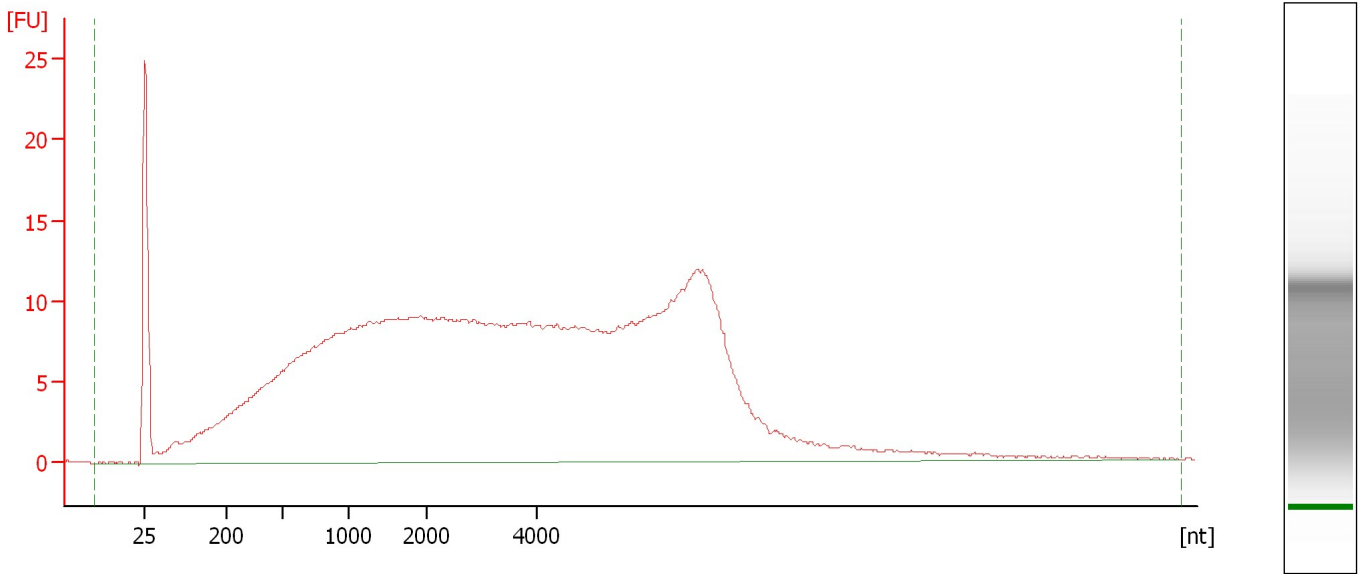
RNA Area: 484.6 rRNA Contamination: 0.0 %
RNA Concentration: 4,075 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-2 [Bisulfite Converted DNA]



Overall Results for sample 2 : HiSeq1089-2

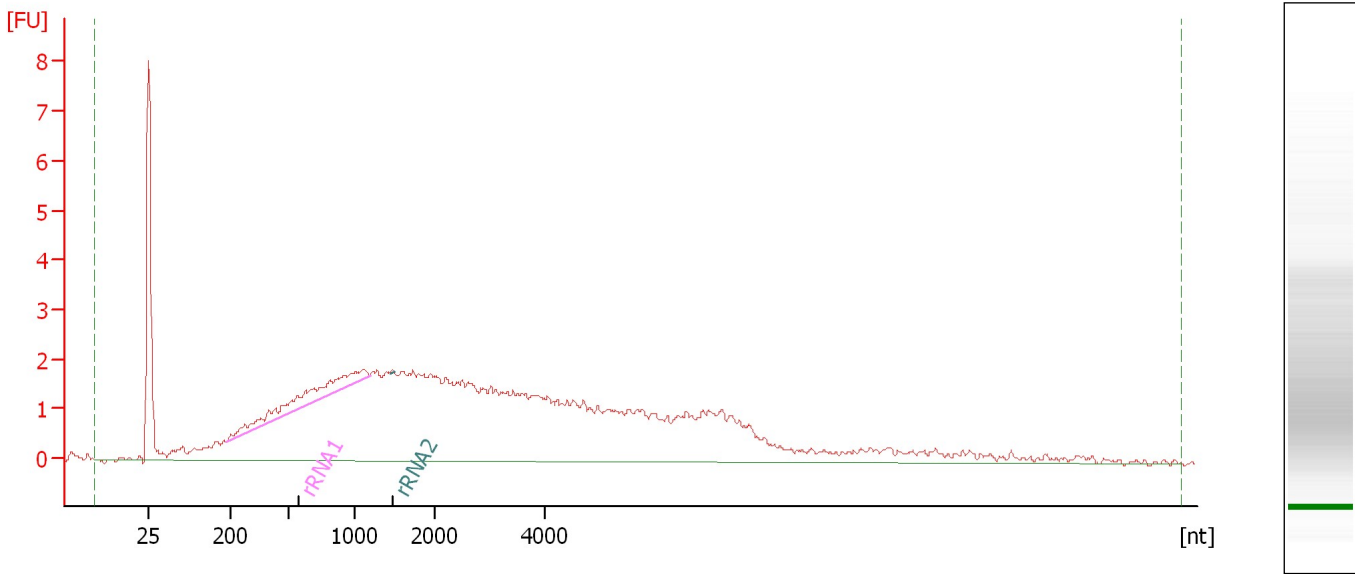
RNA Area: 714.2 rRNA Contamination: 0.0 %
RNA Concentration: 6,007 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-3 [Bisulfite Converted DNA]



Overall Results for sample 3 : HiSeq1089-3

RNA Area: 119.7 rRNA Contamination: 4.7 %
RNA Concentration: 1,007 pg/μl

Fragment table for sample 3 : HiSeq1089-3

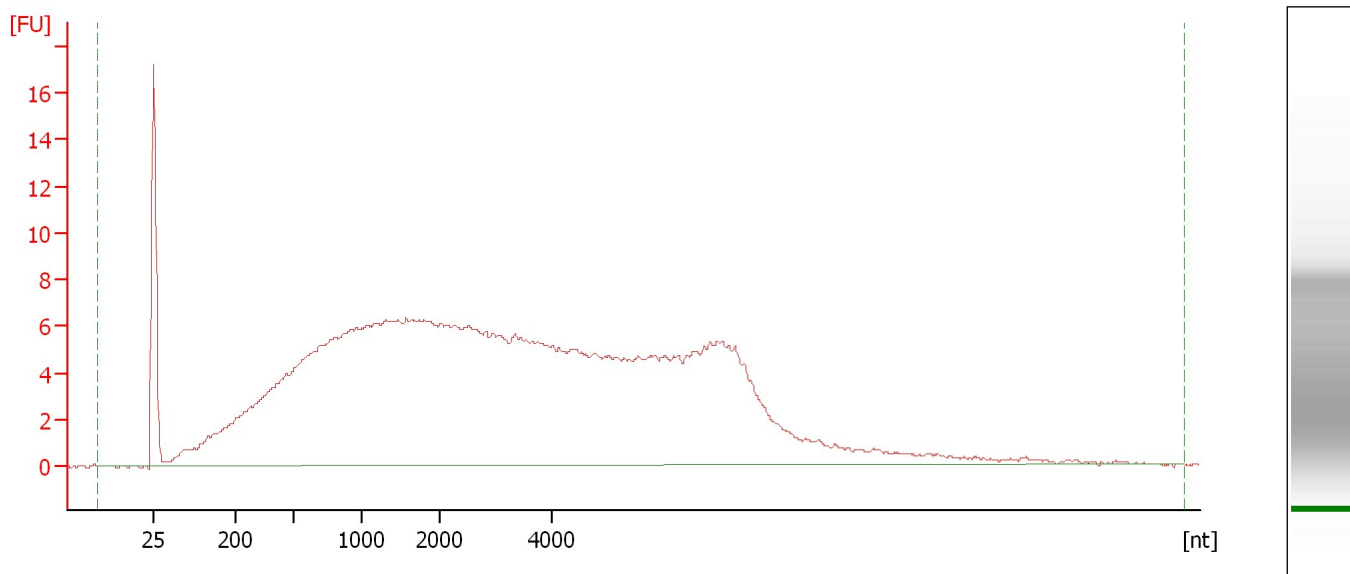
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	191	1,181	5.7	4.7
rRNA2	1,444	1,485	0.0	0.0

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-4 [Bisulfite Converted DNA]



Overall Results for sample 4 : HiSeq1089-4

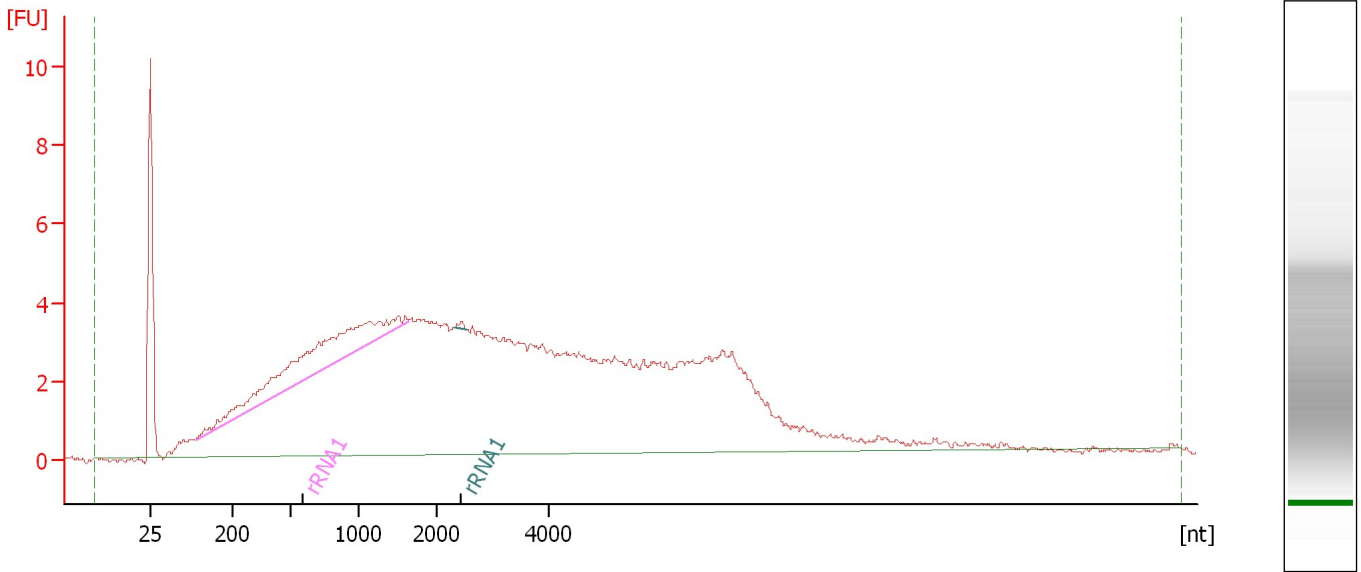
RNA Area: 455.5 rRNA Contamination: 0.0 %
RNA Concentration: 3,831 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-5 [Bisulfite Converted DNA]



Overall Results for sample 5 : HiSeq1089-5

RNA Area: 243.0 rRNA Contamination: 7.5 %
RNA Concentration: 2,043 pg/μl

Fragment table for sample 5 : HiSeq1089-5

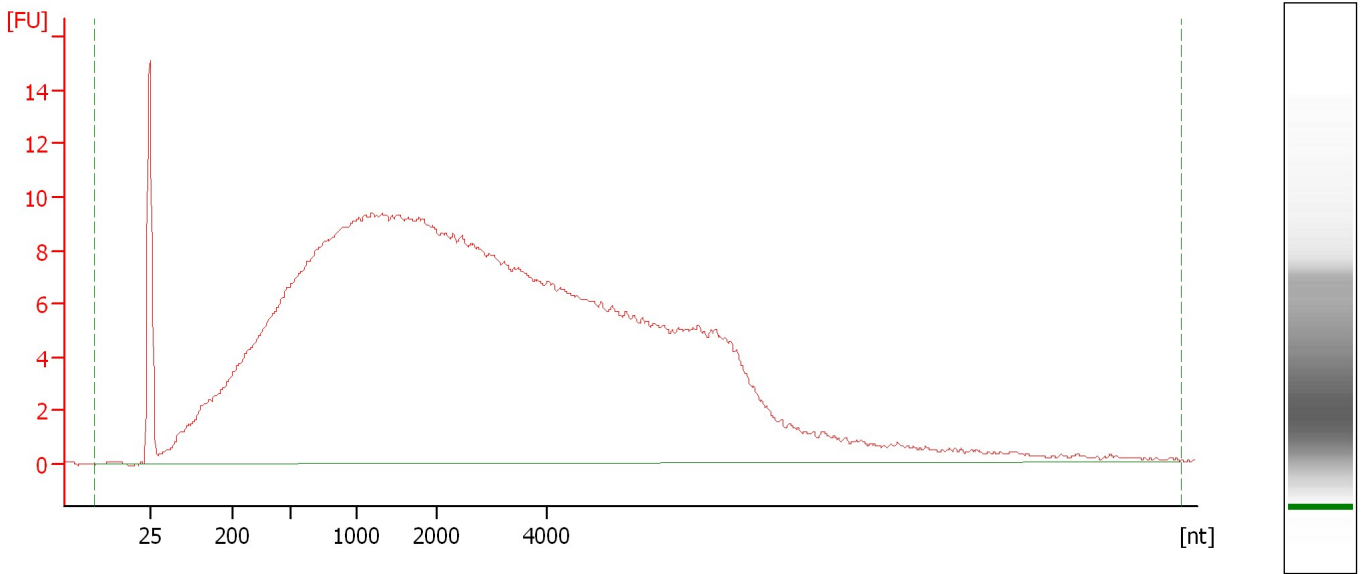
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	121	1,640	17.6	7.3
rRNA2	1,037	1,640	0.4	0.1
rRNA1	2,317	2,517	0.2	0.1

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-6 [Bisulfite Converted DNA]



Overall Results for sample 6 : HiSeq1089-6

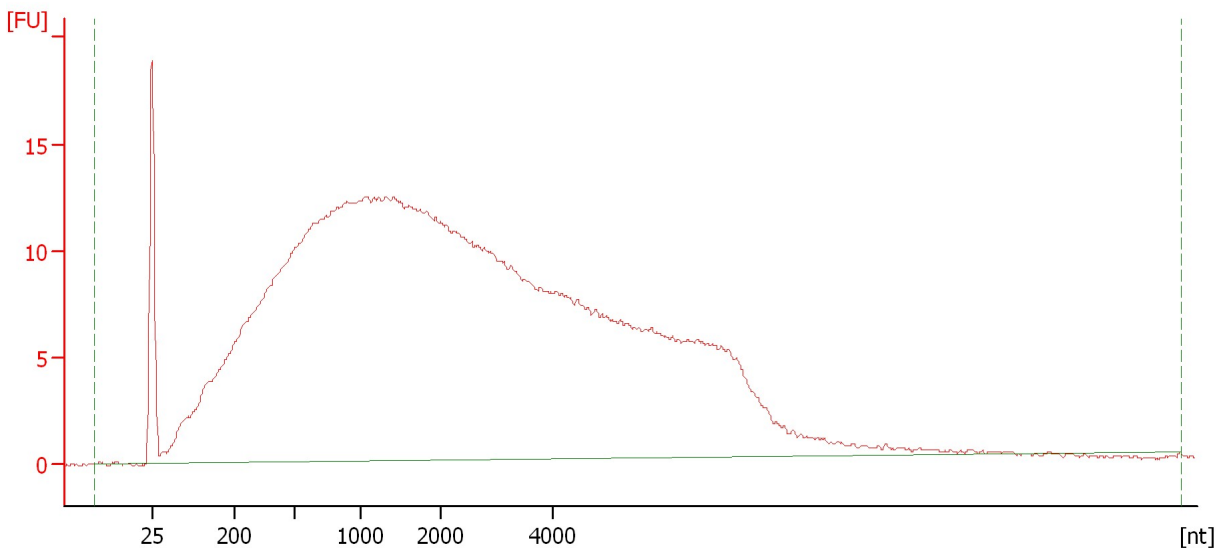
RNA Area: 640.1 rRNA Contamination: 0.0 %
RNA Concentration: 5,383 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-7 [Bisulfite Converted DNA]



Overall Results for sample 7 : HiSeq1089-7

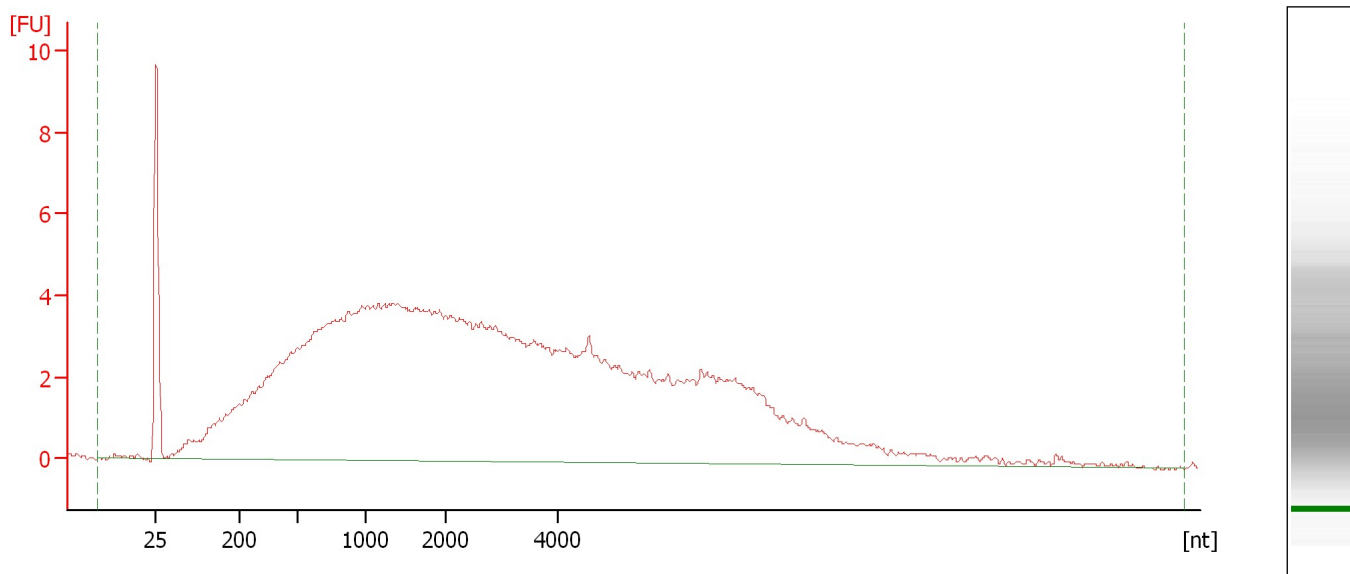
RNA Area: 818.4 rRNA Contamination: 0.0 %
RNA Concentration: 6,882 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-8 [Bisulfite Converted DNA]



Overall Results for sample 8 : HiSeq1089-8

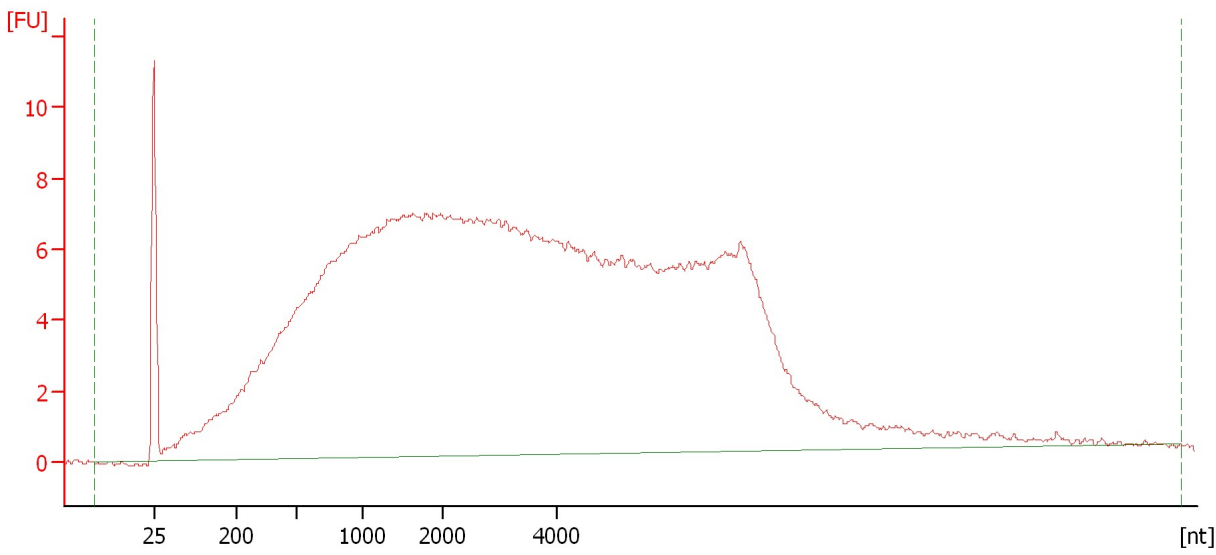
RNA Area: 265.8 rRNA Contamination: 0.0 %
RNA Concentration: 2,235 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-9 [Bisulfite Converted DNA]



Overall Results for sample 9 : HiSeq1089-9

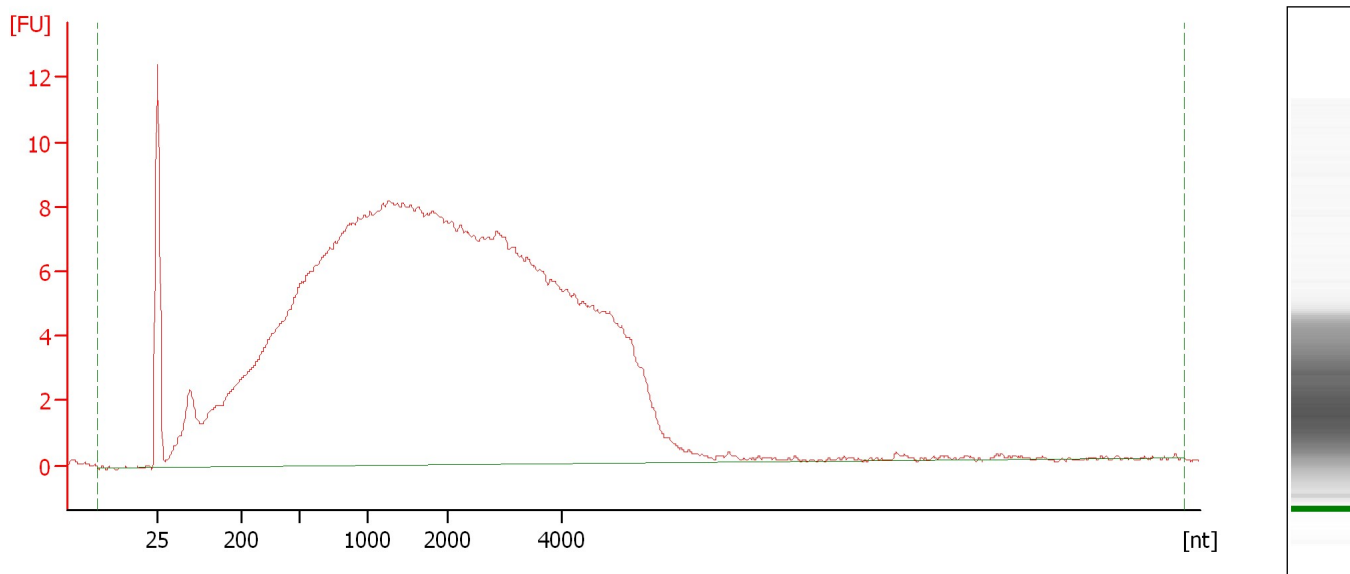
RNA Area: 501.1 rRNA Contamination: 0.0 %
RNA Concentration: 4,214 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-10 [Bisulfite Converted DNA]



Overall Results for sample 10 : HiSeq1089-10

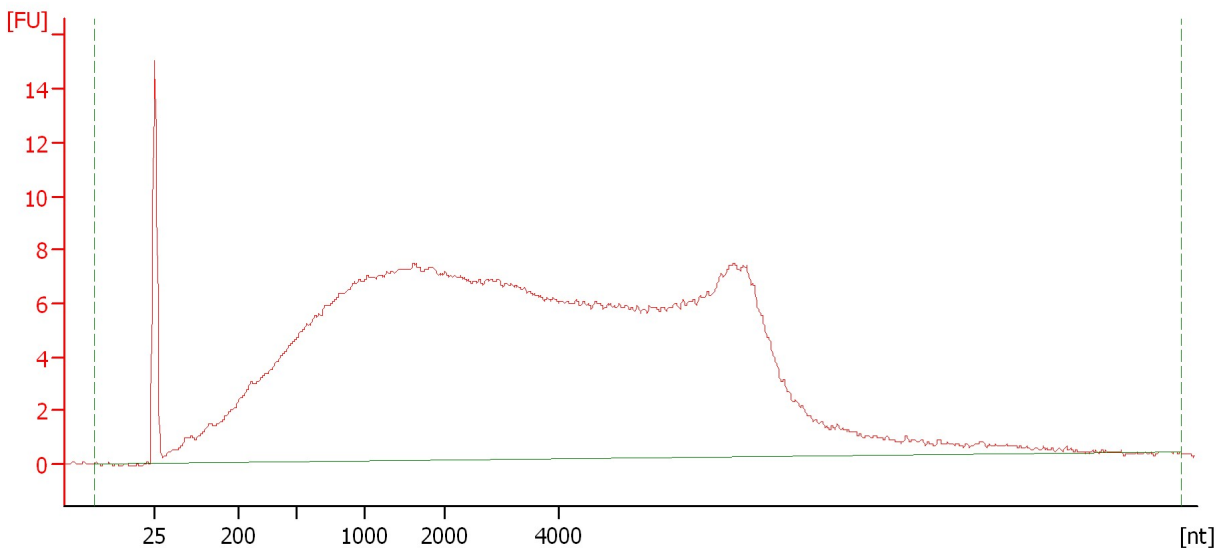
RNA Area: 464.0 rRNA Contamination: 0.0 %
RNA Concentration: 3,902 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Electropherogram Summary Continued ...

HiSeq1089-11 [Bisulfite Converted DNA]



Overall Results for sample 11 : HiSeq1089-11

RNA Area: 539.0 rRNA Contamination: 0.0 %
RNA Concentration: 4,533 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-18\2017-10-18_002.xad

Created: 10/18/2017 3:18:06 PM
Modified: 10/18/2017 3:44:00 PM

Gel Image

