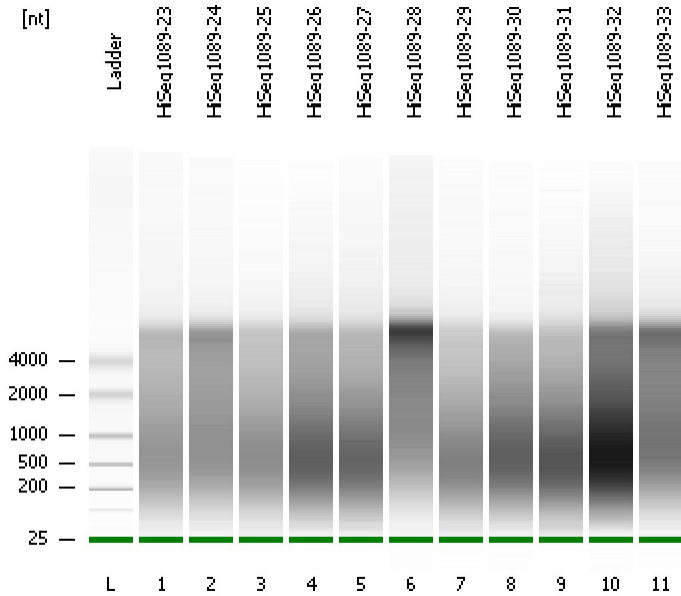


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

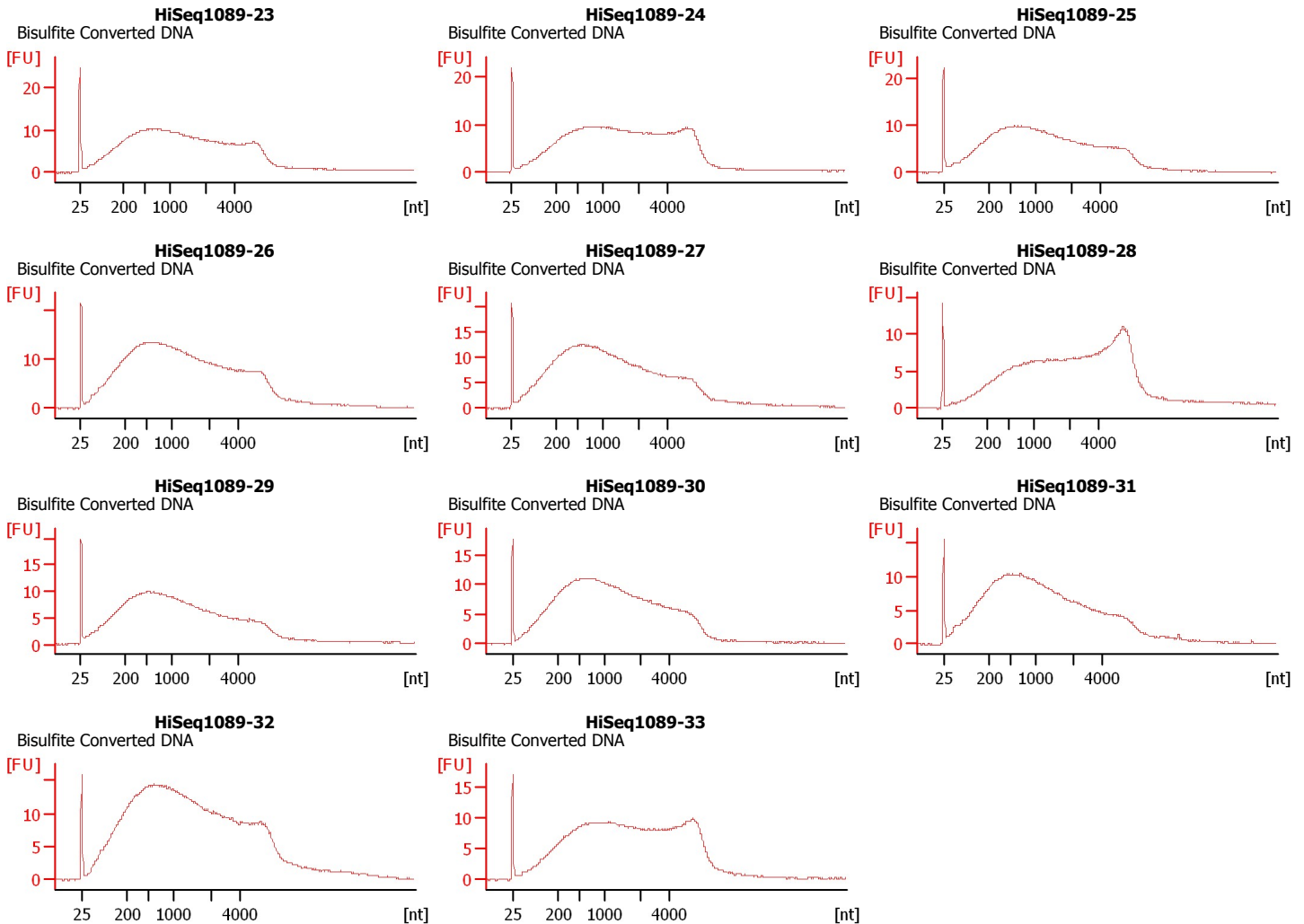
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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:



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
HiSeq1089-23	Bisulfite Converted DNA	✓		
HiSeq1089-24	Bisulfite Converted DNA	✓		
HiSeq1089-25	Bisulfite Converted DNA	✓		
HiSeq1089-26	Bisulfite Converted DNA	✓		
HiSeq1089-27	Bisulfite Converted DNA	✓		
HiSeq1089-28	Bisulfite Converted DNA	✓		
HiSeq1089-29	Bisulfite Converted DNA	✓		
HiSeq1089-30	Bisulfite Converted DNA	✓		
HiSeq1089-31	Bisulfite Converted DNA	✓		
HiSeq1089-32	Bisulfite Converted DNA	✓		
HiSeq1089-33	Bisulfite Converted DNA	✓		
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 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

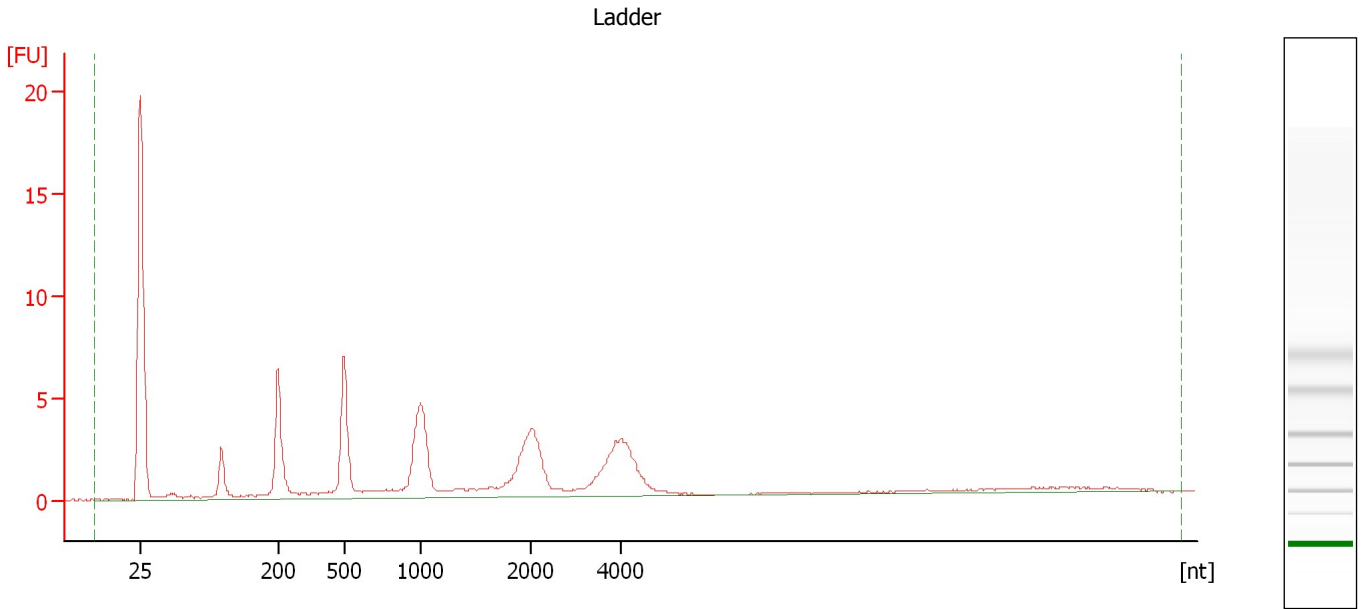
Ladder

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\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary



Overall Results for Ladder

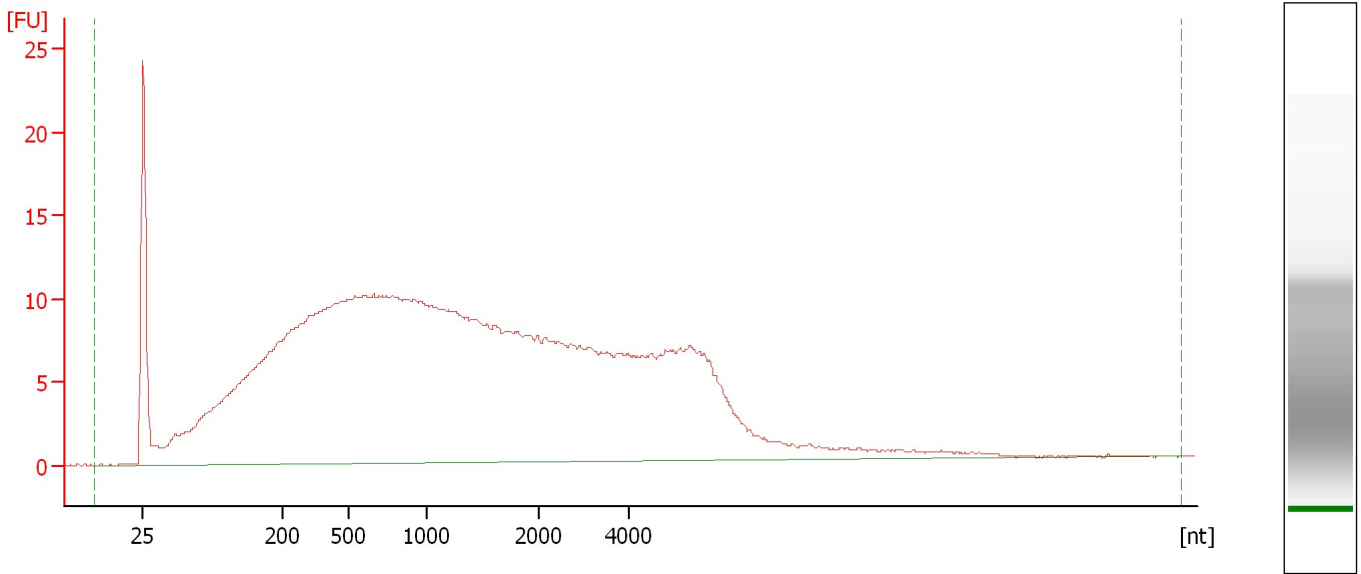
RNA Area: 82.6 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-23 [Bisulfite Converted DNA]



Overall Results for sample 1 : HiSeq1089-23

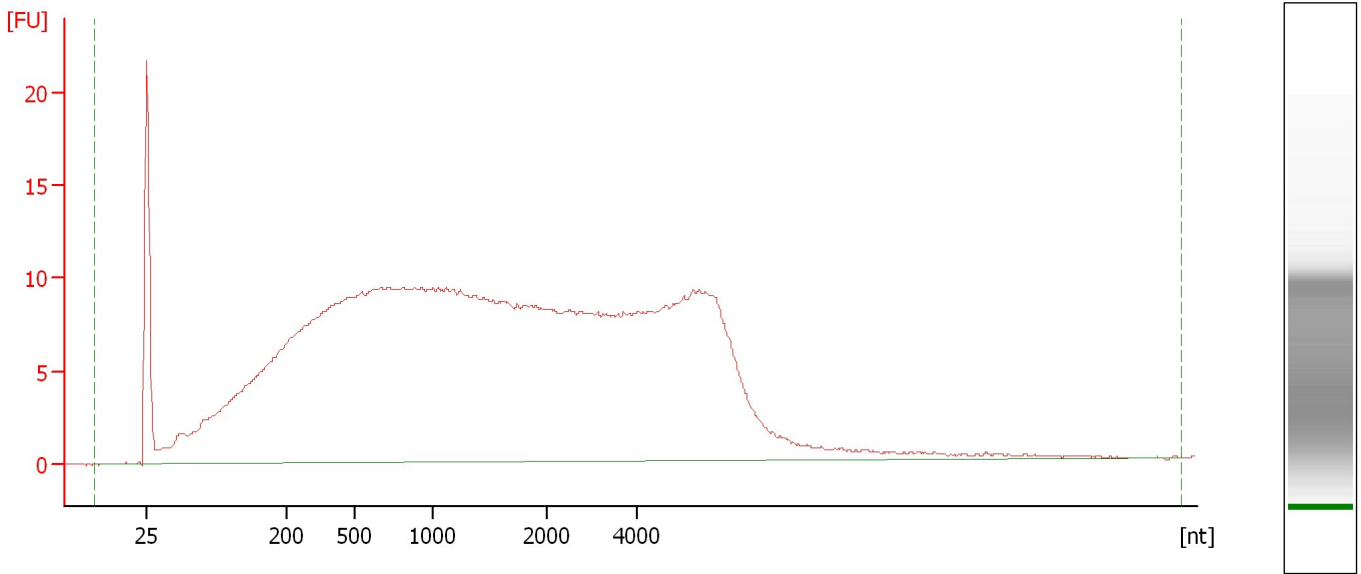
RNA Area: 716.2 rRNA Contamination: 0.0 %
RNA Concentration: 8,671 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-24 [Bisulfite Converted DNA]



Overall Results for sample 2 : HiSeq1089-24

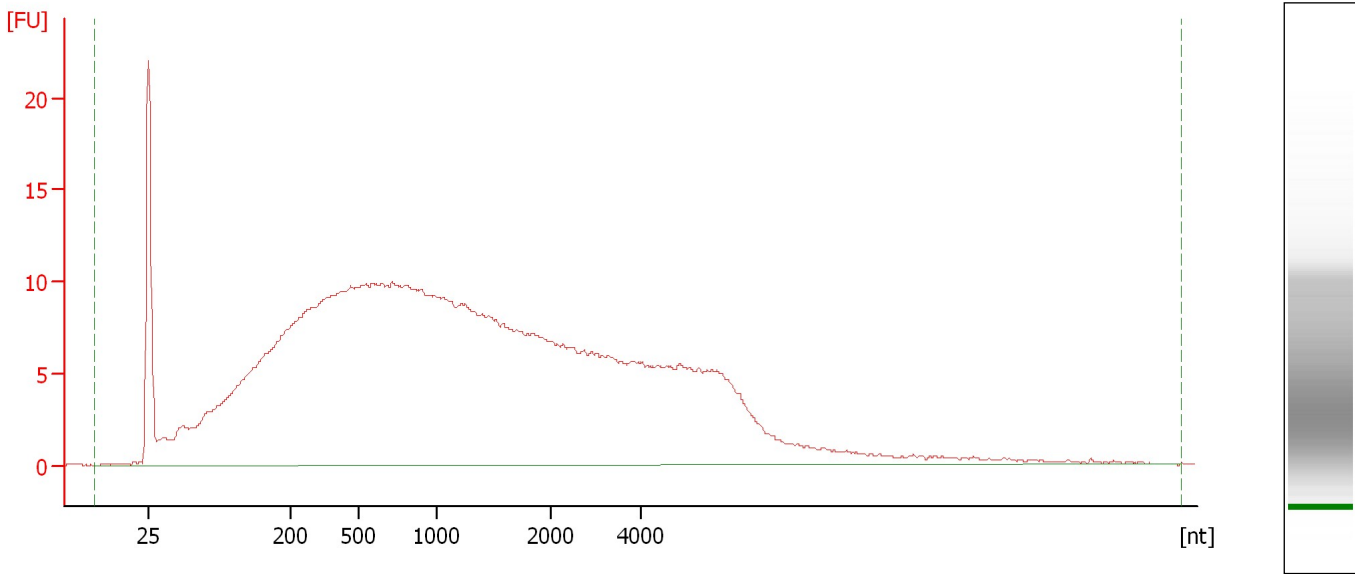
RNA Area: 713.8 rRNA Contamination: 0.0 %
RNA Concentration: 8,643 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-25 [Bisulfite Converted DNA]



Overall Results for sample 3 : HiSeq1089-25

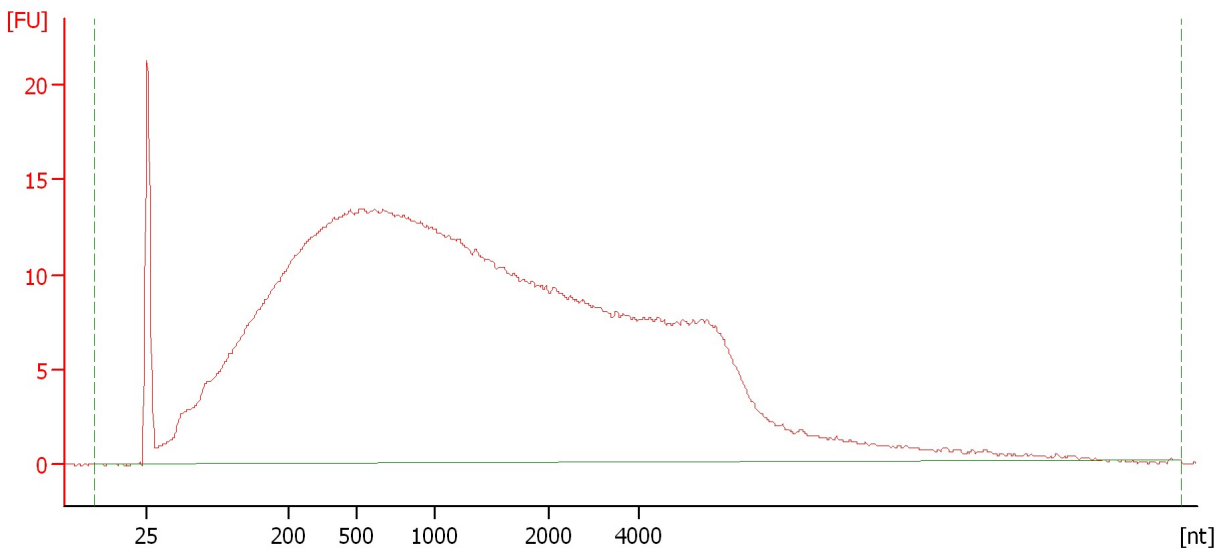
RNA Area: 689.5 rRNA Contamination: 0.0 %
RNA Concentration: 8,348 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-26 [Bisulfite Converted DNA]



Overall Results for sample 4 : HiSeq1089-26

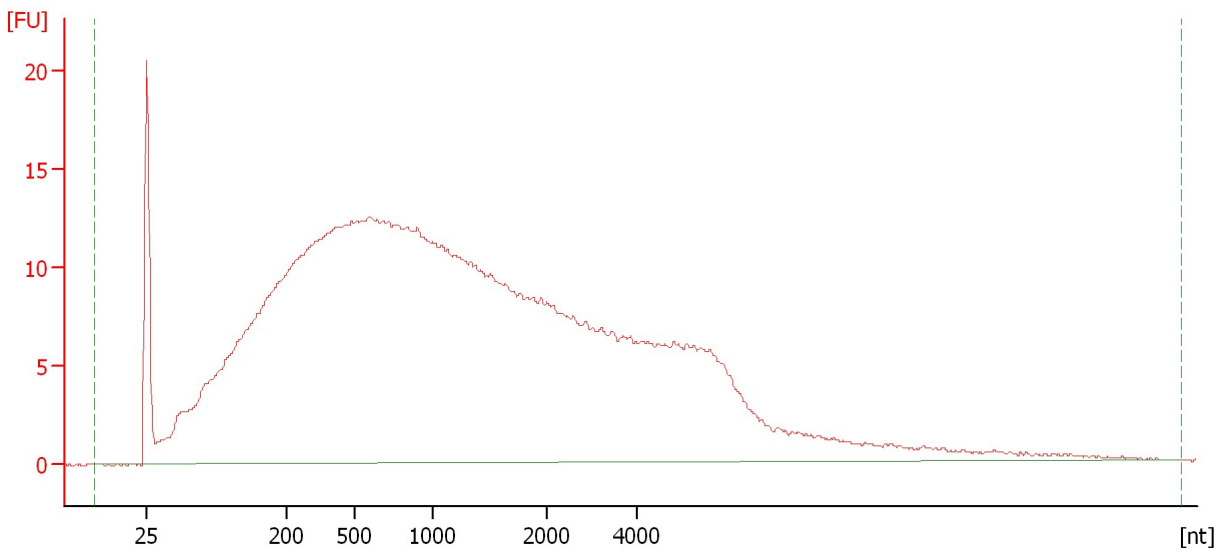
RNA Area: 931.9 rRNA Contamination: 0.0 %
RNA Concentration: 11,283 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-27 [Bisulfite Converted DNA]



Overall Results for sample 5 : HiSeq1089-27

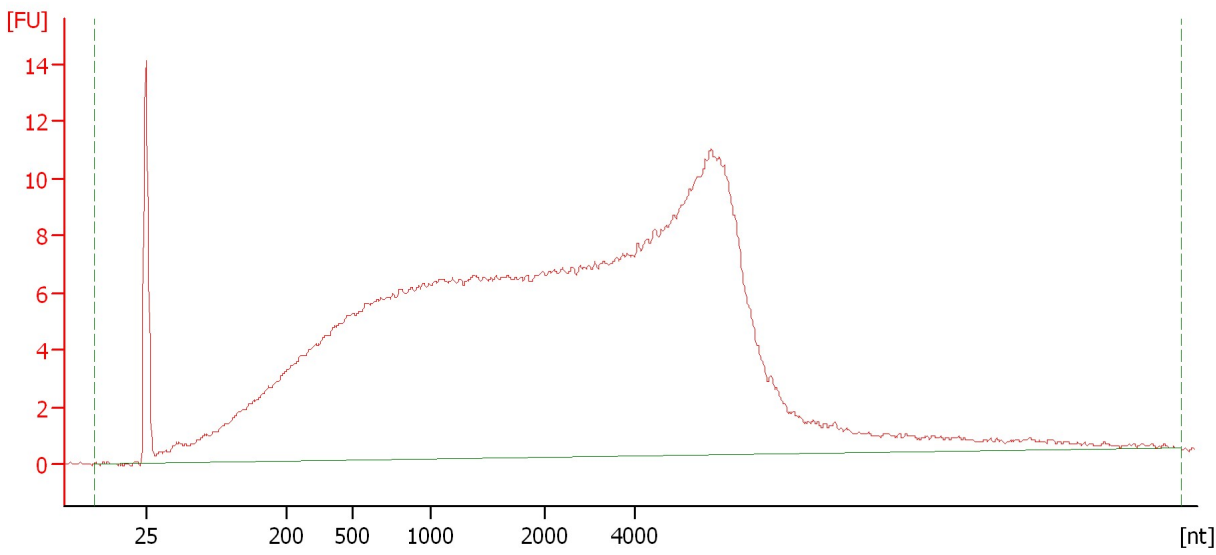
RNA Area: 843.3 rRNA Contamination: 0.0 %
RNA Concentration: 10,210 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-28 [Bisulfite Converted DNA]



Overall Results for sample 6 : HiSeq1089-28

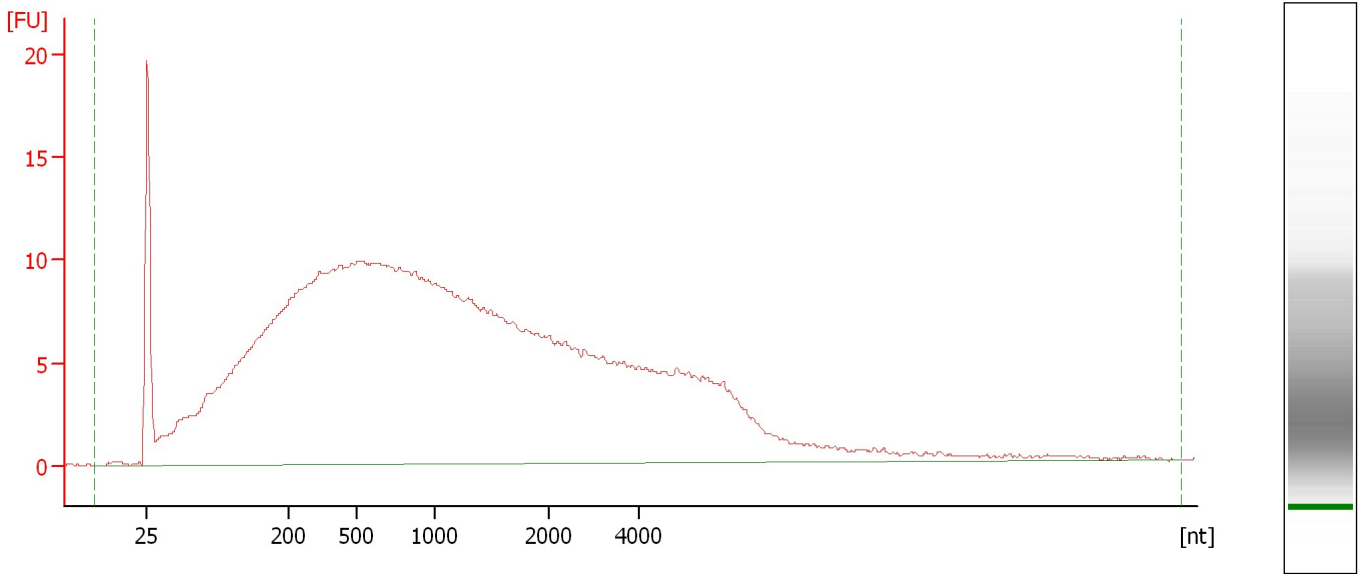
RNA Area: 517.1 rRNA Contamination: 0.0 %
RNA Concentration: 6,261 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-29 [Bisulfite Converted DNA]



Overall Results for sample 7 : HiSeq1089-29

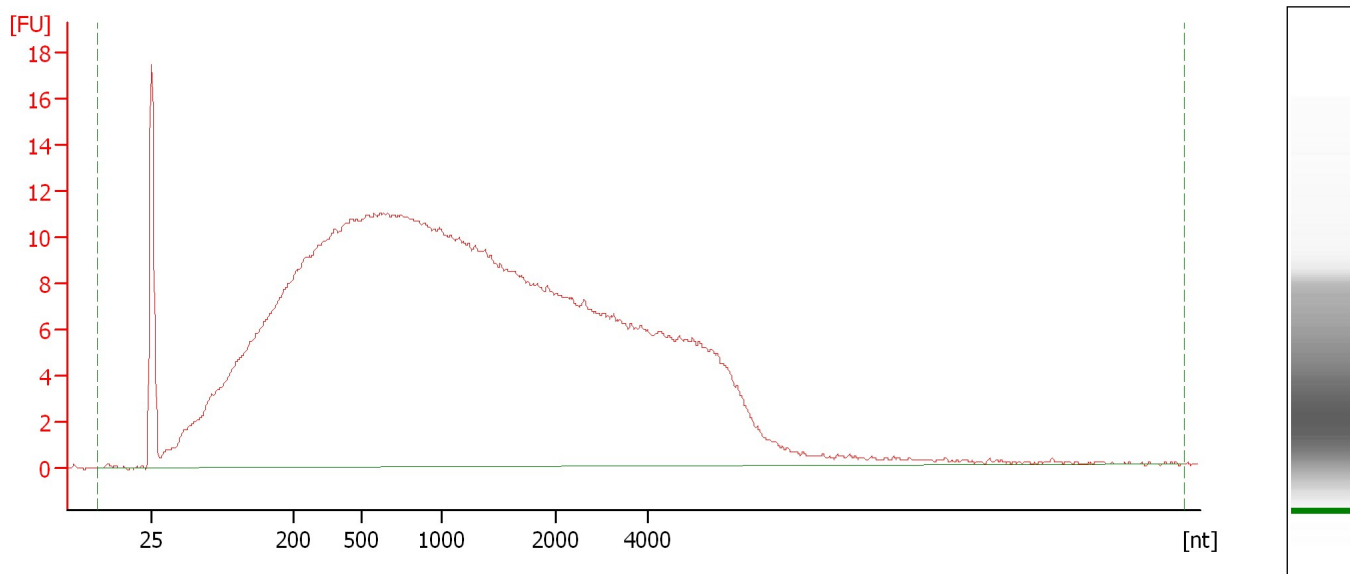
RNA Area: 668.6 rRNA Contamination: 0.0 %
RNA Concentration: 8,095 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-30 [Bisulfite Converted DNA]



Overall Results for sample 8 : HiSeq1089-30

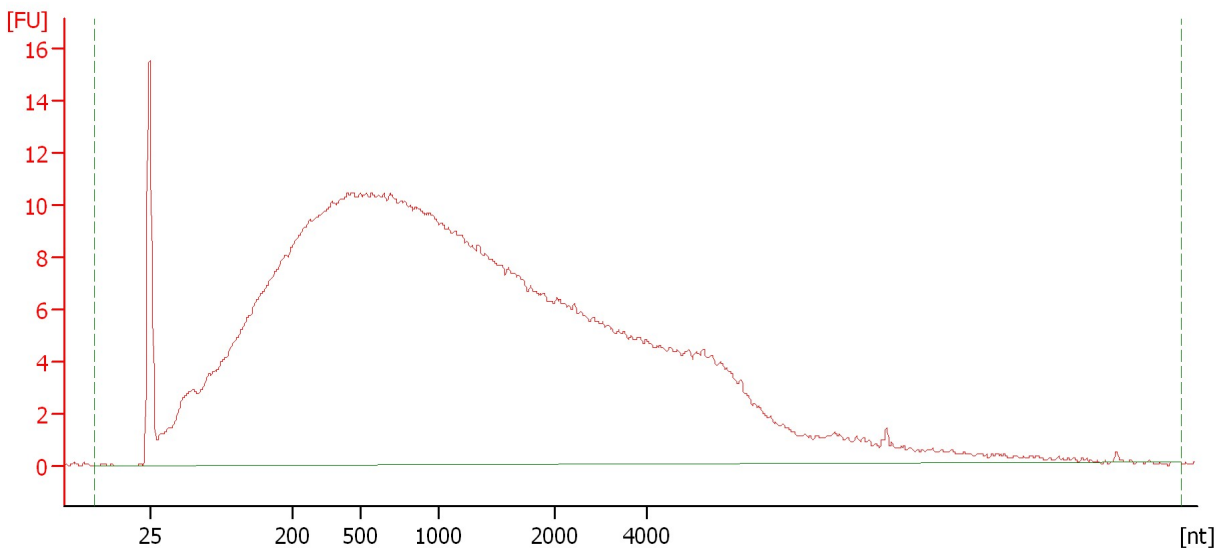
RNA Area: 728.4 rRNA Contamination: 0.0 %
RNA Concentration: 8,820 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-31 [Bisulfite Converted DNA]



Overall Results for sample 9 : HiSeq1089-31

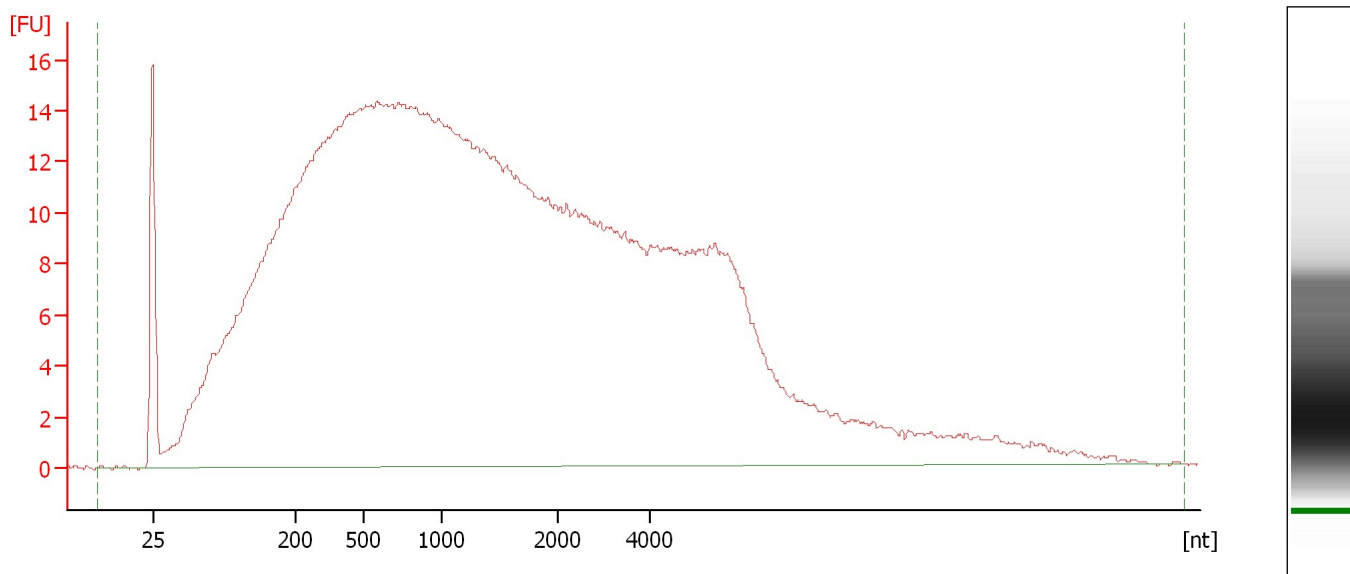
RNA Area: 703.2 rRNA Contamination: 0.0 %
RNA Concentration: 8,514 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-32 [Bisulfite Converted DNA]



Overall Results for sample 10 : HiSeq1089-32

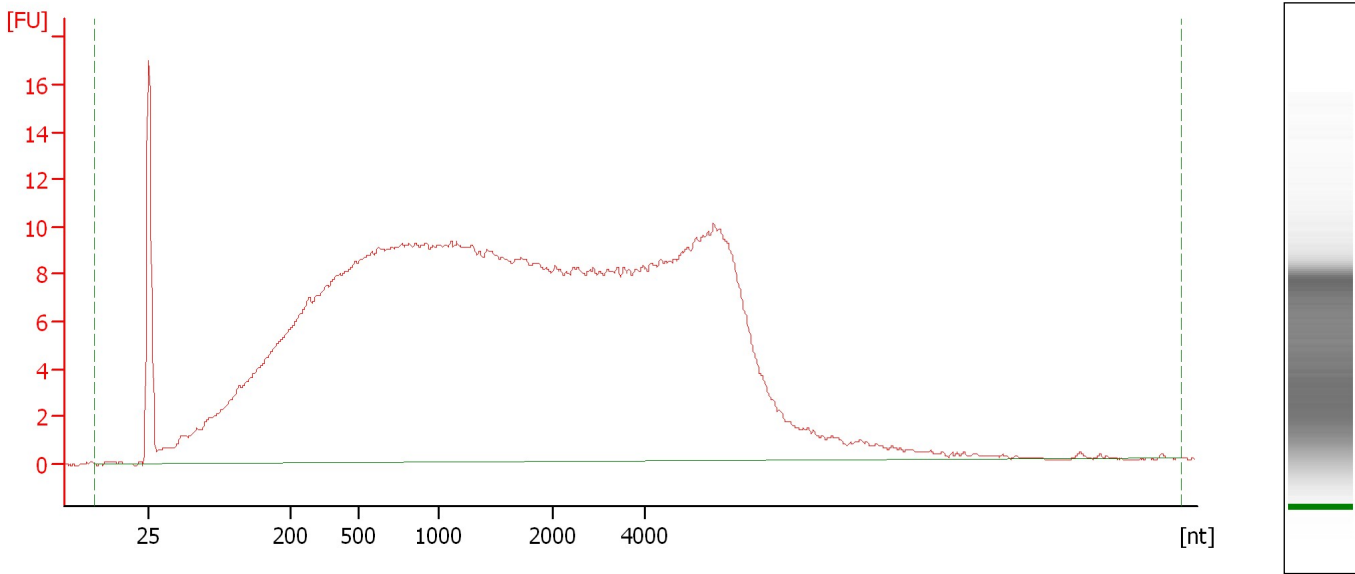
RNA Area: 1,024.3 rRNA Contamination: 0.0 %
RNA Concentration: 12,402 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Electropherogram Summary Continued ...

HiSeq1089-33 [Bisulfite Converted DNA]



Overall Results for sample 11 : HiSeq1089-33

RNA Area: 701.9 rRNA Contamination: 0.0 %
RNA Concentration: 8,499 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_002.xad

Created: 10/20/2017 10:39:00 AM
Modified: 10/20/2017 11:04:01 AM

Gel Image

