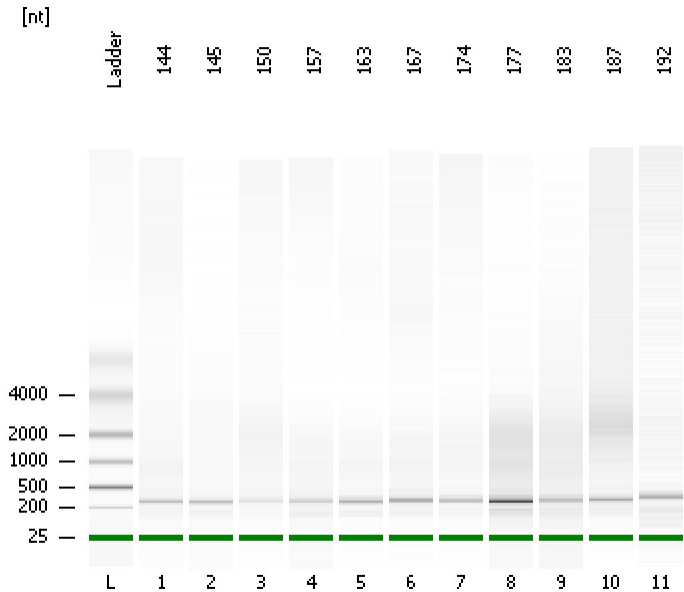


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

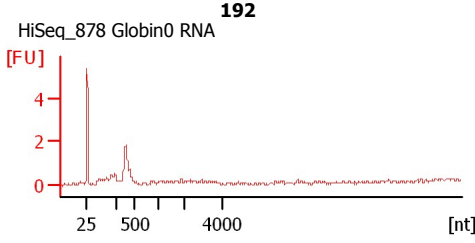
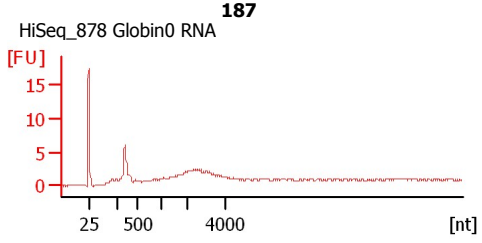
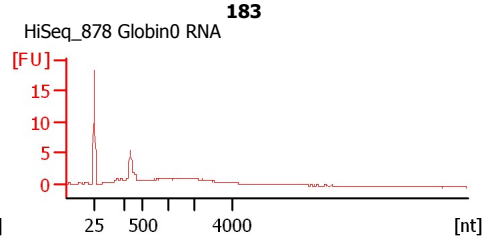
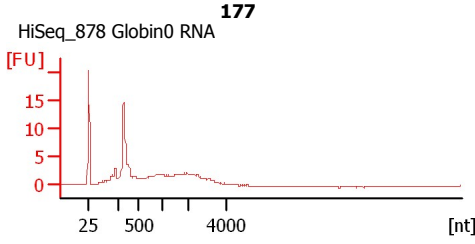
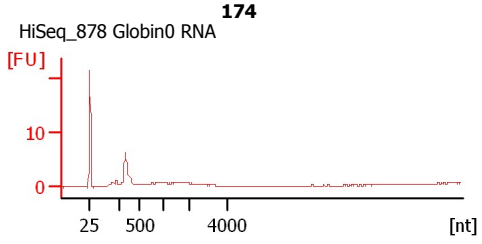
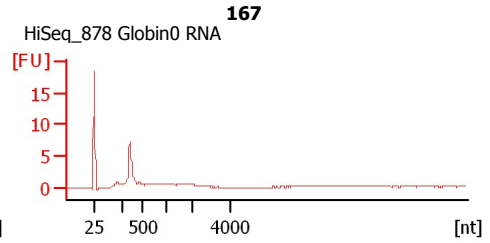
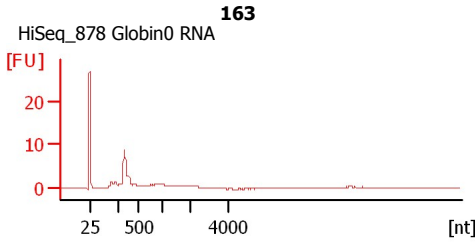
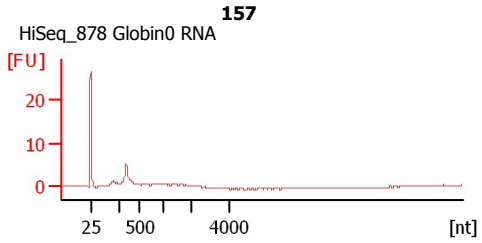
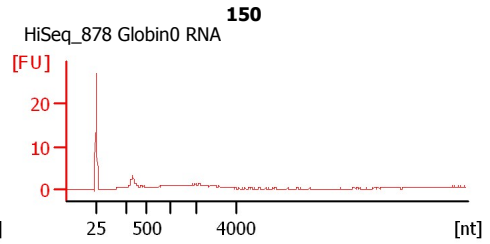
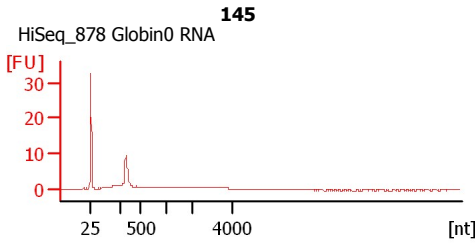
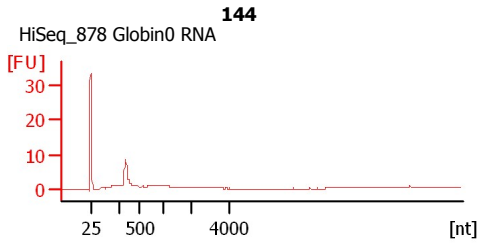
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electrophoresis File Run Summary (Chip Summary)

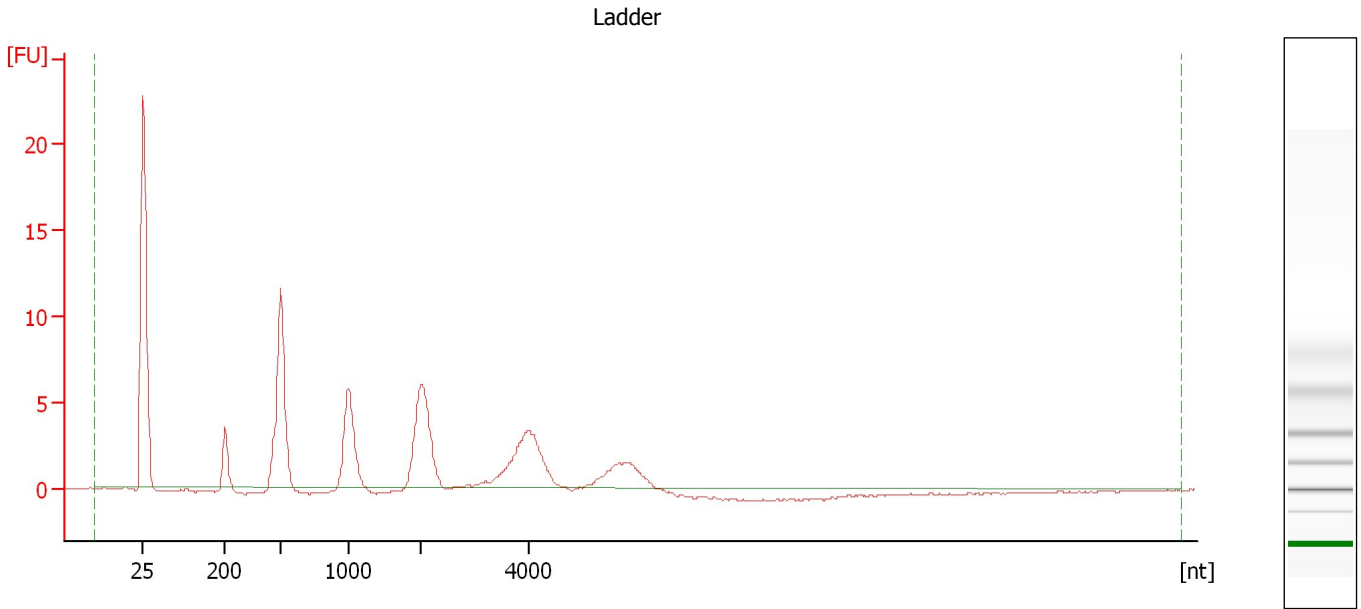
Sample Name	Sample Comment	Status	Result Label	Result Color
144	HiSeq_878 Globin0 RNA	✓		
145	HiSeq_878 Globin0 RNA	✓		
150	HiSeq_878 Globin0 RNA	✓		
157	HiSeq_878 Globin0 RNA	✓		
163	HiSeq_878 Globin0 RNA	✓		
167	HiSeq_878 Globin0 RNA	✓		
174	HiSeq_878 Globin0 RNA	✓		
177	HiSeq_878 Globin0 RNA	✓		
183	HiSeq_878 Globin0 RNA	✓		
187	HiSeq_878 Globin0 RNA	✓		
192	HiSeq_878 Globin0 RNA	✓		
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary



Overall Results for Ladder

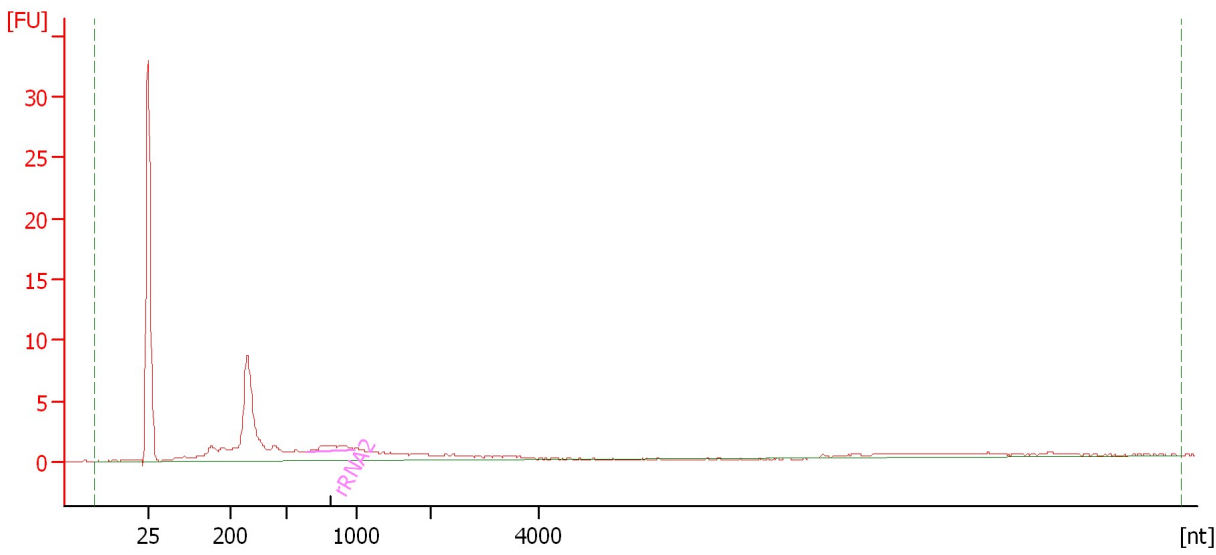
RNA Area: 87.5 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
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Electropherogram Summary Continued ...

144 [HiSeq_878 Globin0 RNA]



Overall Results for sample 1 : 144

RNA Area: 75.8 rRNA Contamination: 3.1 %
RNA Concentration: 867 pg/μl

Fragment table for sample 1 : 144

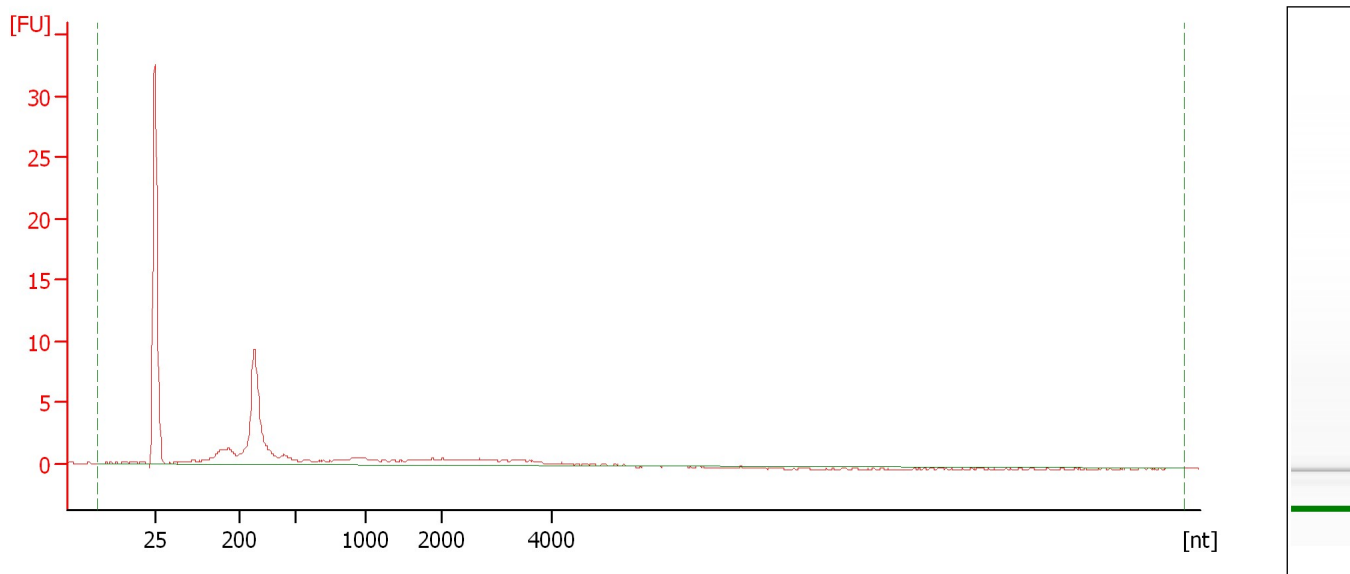
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	640	982	2.4	3.1

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

145 [HiSeq_878 Globin0 RNA]



Overall Results for sample 2 : 145

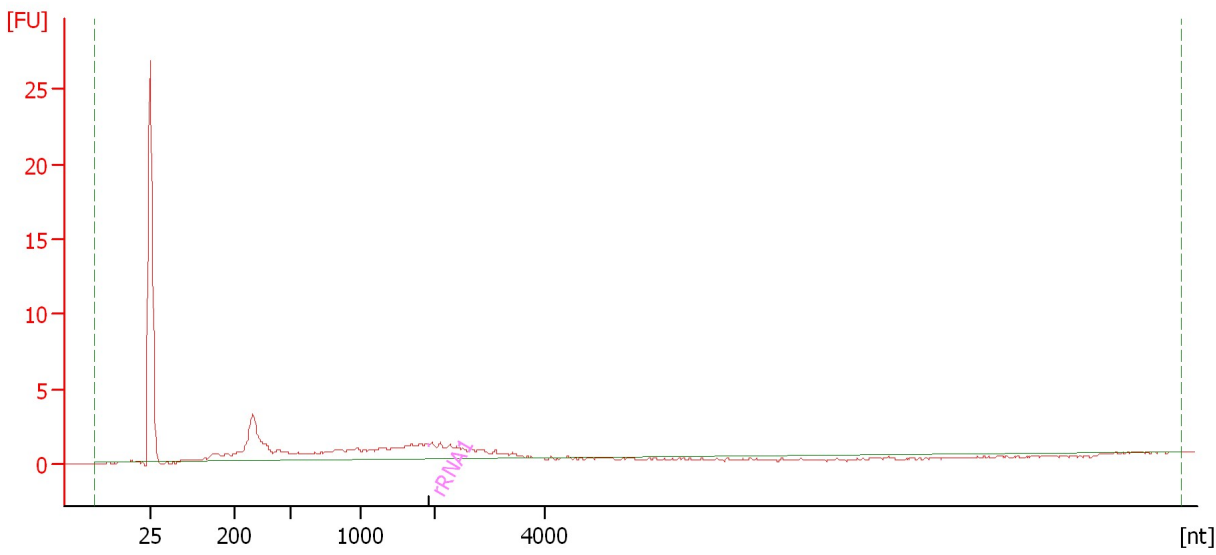
RNA Area:	59.6	rRNA Contamination:	0.0 %
RNA Concentration:	681 pg/ μ l		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

150 [HiSeq_878 Globin0 RNA]



Overall Results for sample 3 : 150

RNA Area: 47.9 rRNA Contamination: 0.0 %
RNA Concentration: 548 pg/μl

Fragment table for sample 3 : 150

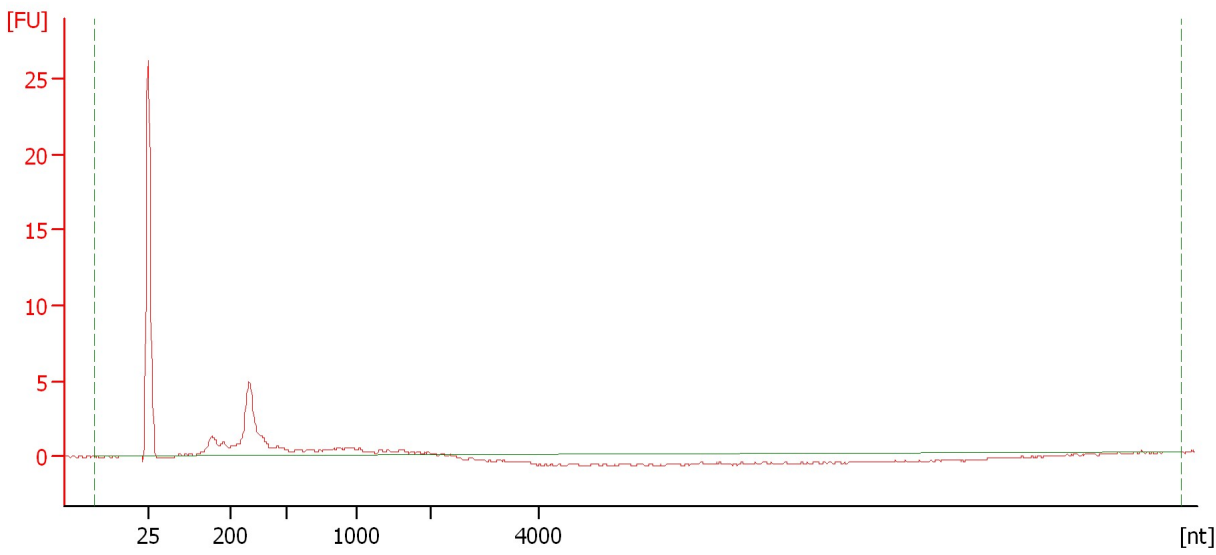
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,901	1,922	0.0	0.0
rRNA2	1,901	1,922	0.0	0.0

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

157 [HiSeq_878 Globin0 RNA]



Overall Results for sample 4 : 157

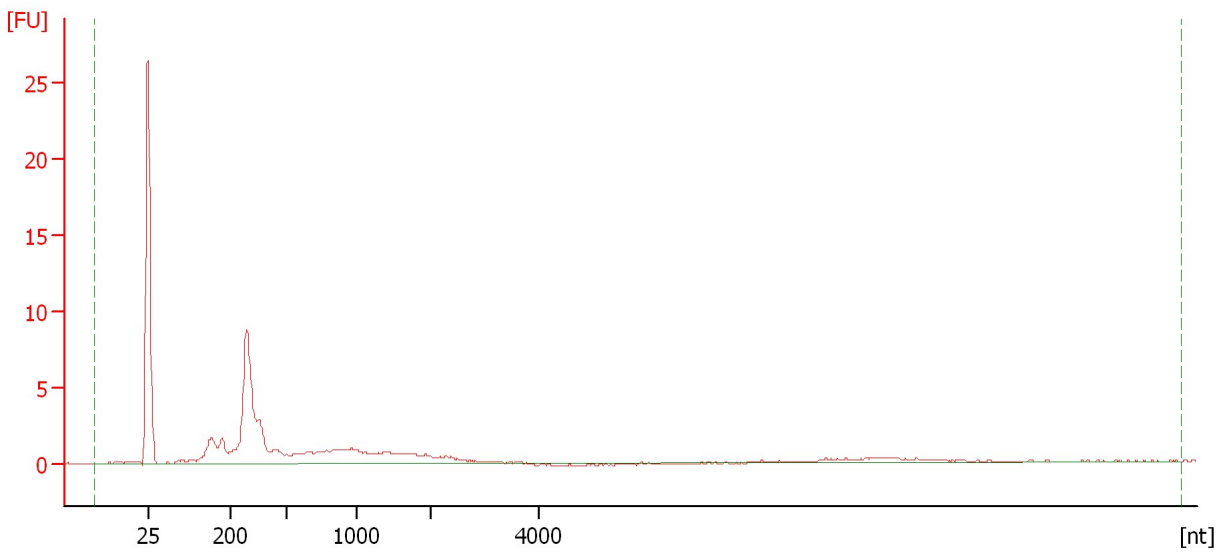
RNA Area:	34.4	rRNA Contamination:	0.0 %
RNA Concentration:	393 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

163 [HiSeq_878 Globin0 RNA]



Overall Results for sample 5 : 163

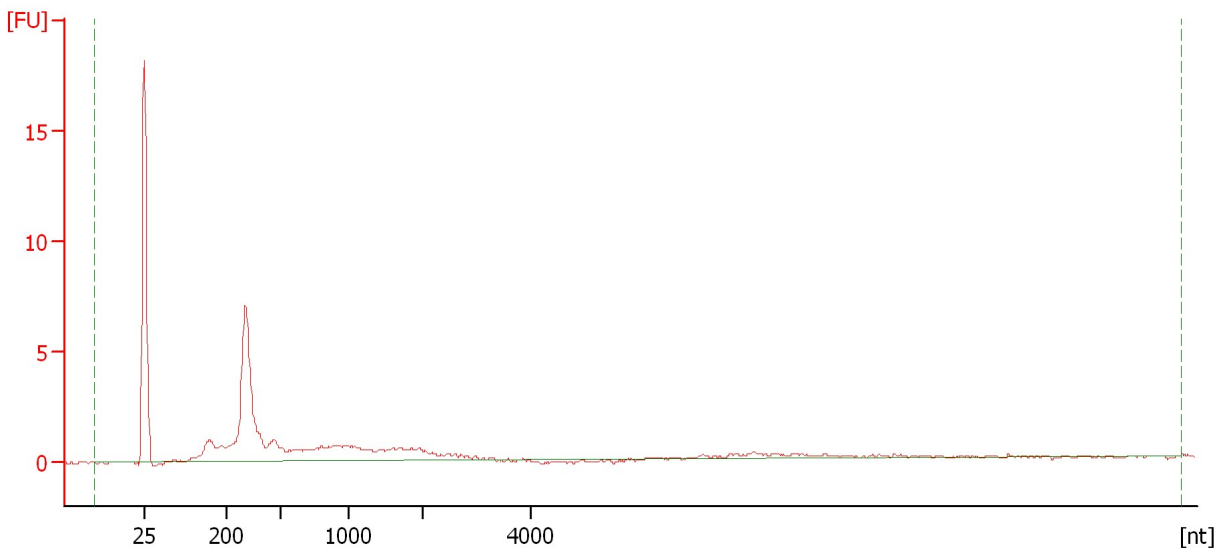
RNA Area: 68.9 rRNA Contamination: 0.0 %
RNA Concentration: 788 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

167 [HiSeq_878 Globin0 RNA]



Overall Results for sample 6 : 167

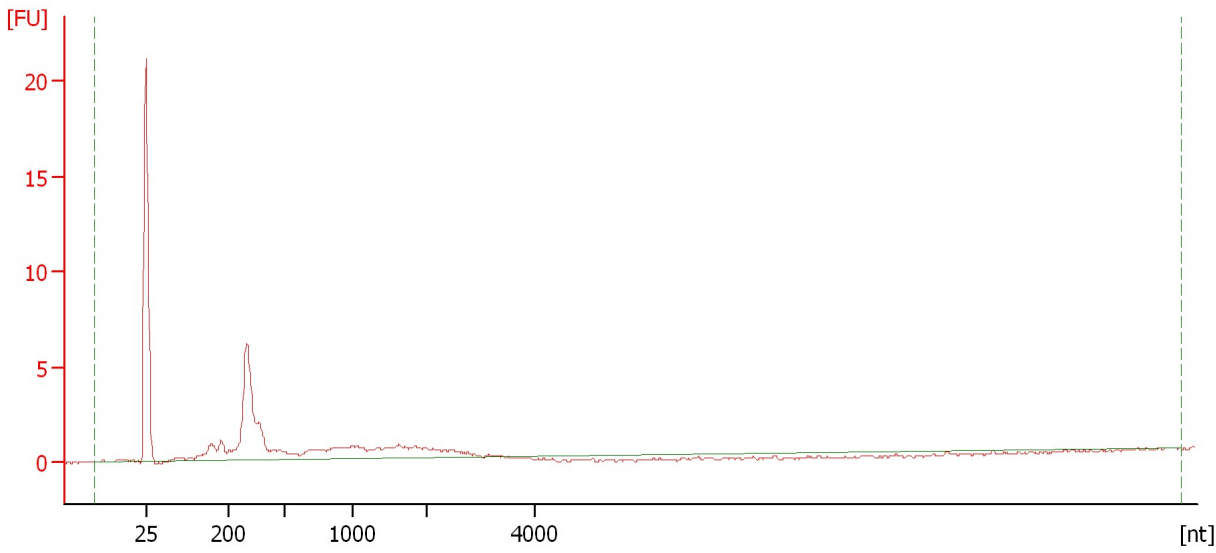
RNA Area: 52.2 rRNA Contamination: 0.0 %
RNA Concentration: 597 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

174 [HiSeq_878 Globin0 RNA]



Overall Results for sample 7 : 174

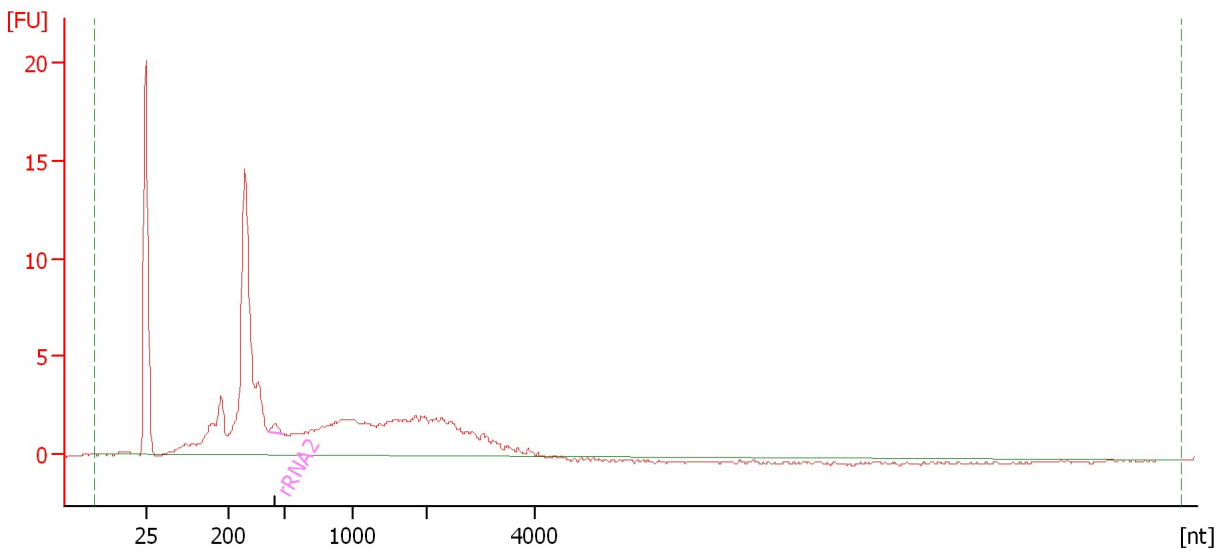
RNA Area:	44.0	rRNA Contamination:	0.0 %
RNA Concentration:	504 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

177 [HiSeq_878 Globin0 RNA]



Overall Results for sample 8 : 177

RNA Area: 127.7 rRNA Contamination: 0.6 %
RNA Concentration: 1,460 pg/μl

Fragment table for sample 8 : 177

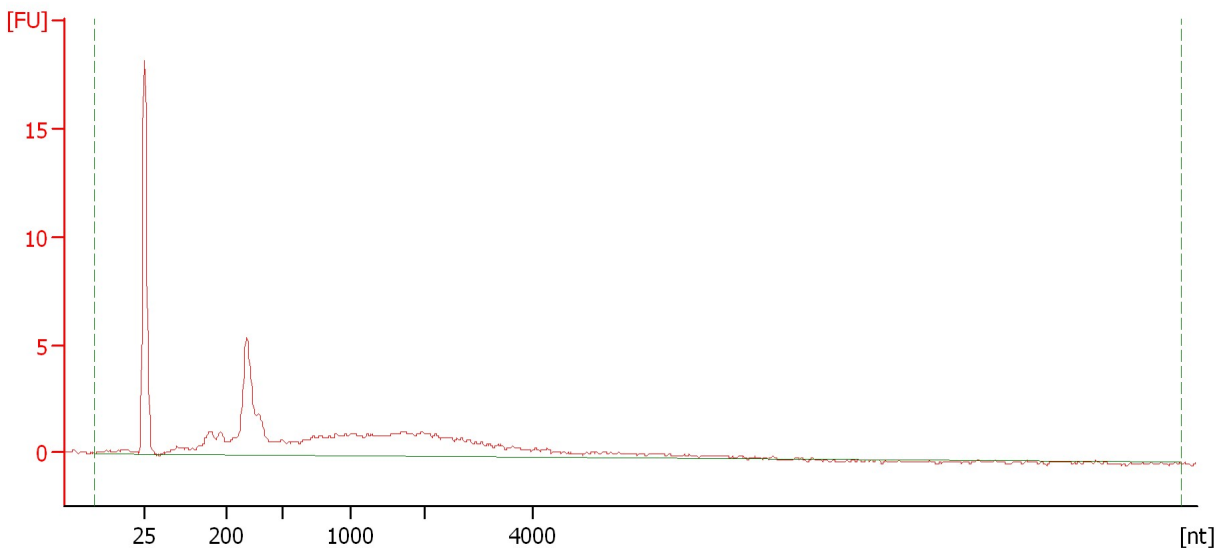
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	420	494	0.8	0.6

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

183 [HiSeq_878 Globin0 RNA]



Overall Results for sample 9 : 183

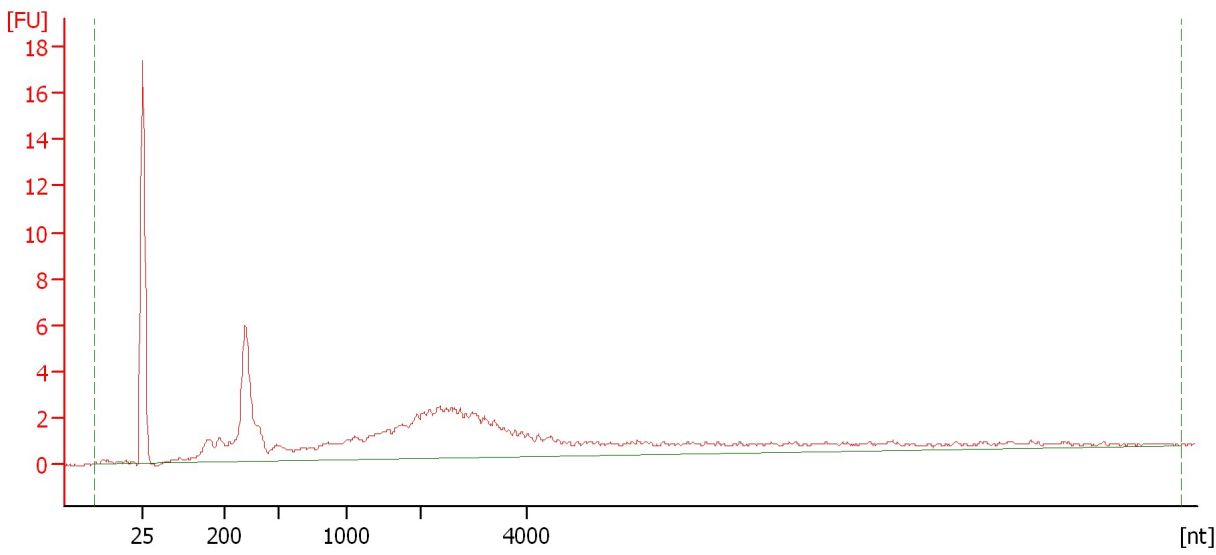
RNA Area: 72.0 rRNA Contamination: 0.0 %
RNA Concentration: 823 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

187 [HiSeq_878 Globin0 RNA]



Overall Results for sample 10 : 187

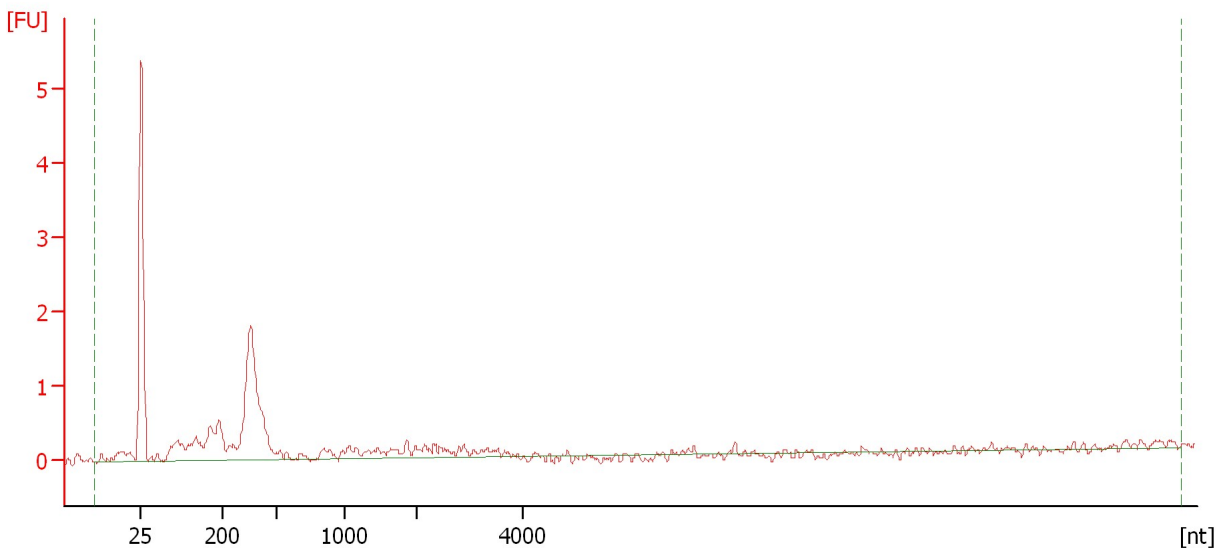
RNA Area: 101.7 rRNA Contamination: 0.0 %
RNA Concentration: 1,163 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Electropherogram Summary Continued ...

192 [HiSeq_878 Globin0 RNA]



Overall Results for sample 11 : 192

RNA Area: 17.9 rRNA Contamination: 0.0 %
RNA Concentration: 205 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-18\2017-04-18_002.xad

Created: 4/18/2017 10:24:33 AM
Modified: 4/18/2017 10:49:34 AM

Gel Image

