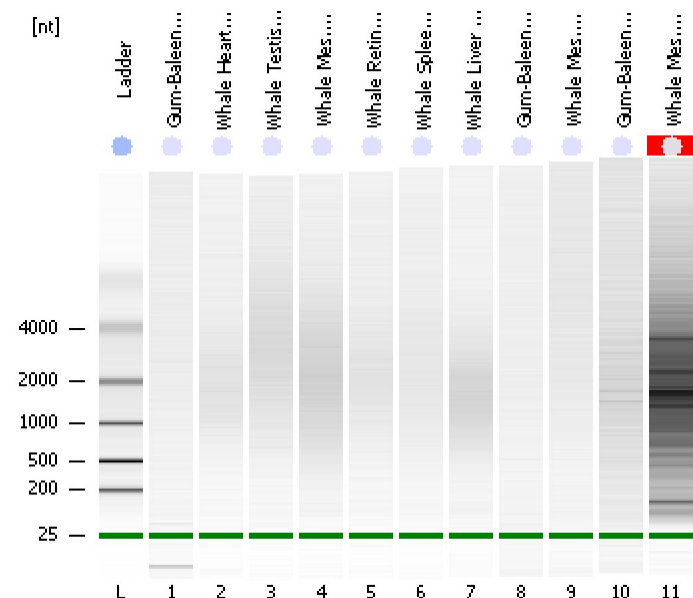


Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Electrophoresis File Run Summary**Instrument Information:**

Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

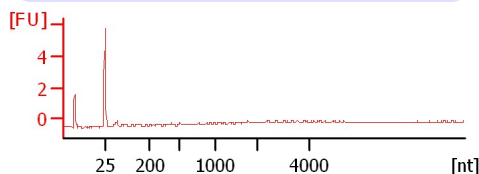
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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Chip Information:

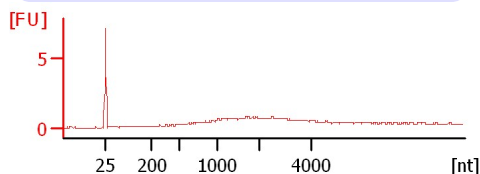
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

Gum-Baleen 10B22 PolyA 2rounds

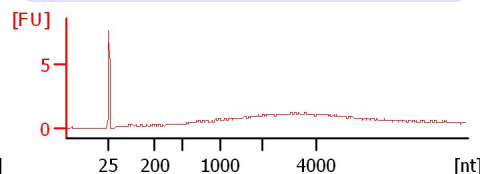
1st elution dil 1:4
RIN: 1.60

**Whale Heart 10B16 PolyA 2rounds**

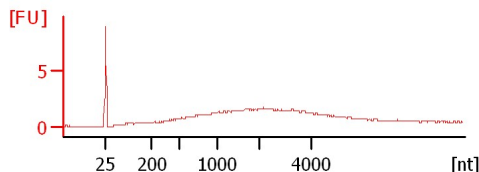
1st elution dil 1:4.5
RIN: 1.10

**Whale Testis 10B16 PolyA 2rounds**

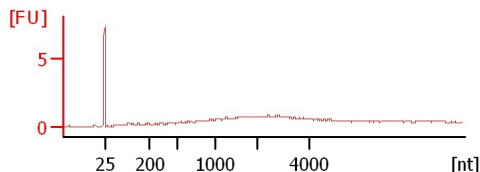
1st elution dil 1:5
RIN: 1.20

**Whale Mes.LymphNode 10B22 PolyA 2rounds**

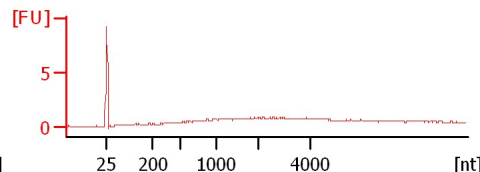
1st elution dil 1:6.75
RIN: 1.60

**Whale Retina 10B20 PolyA 2rounds**

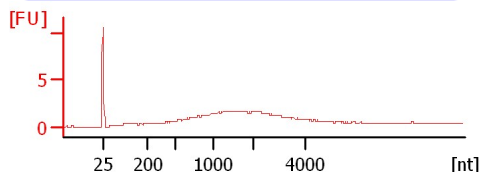
1st elution dil 1:5.3
RIN: 1

**Whale Spleen 10B18 PolyA 2rounds**

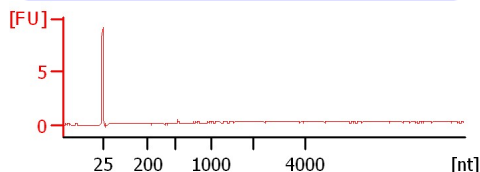
1st elution dil 1:7.85
RIN: 1

**Whale Liver 10B16 PolyA 2rounds**

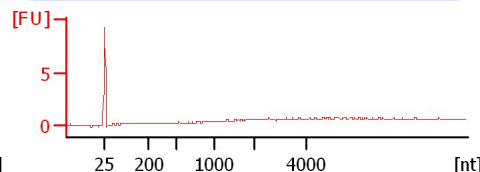
1st elution dil 1:9.9
RIN: 1.40

**Gum-Baleen 10B22 PolyA 2rounds undiluted**

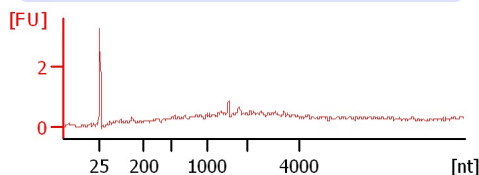
2nd elution undiluted
RIN: 1

**Whale Mes.LymphNode 10B22 PolyA 2rounds undiluted**

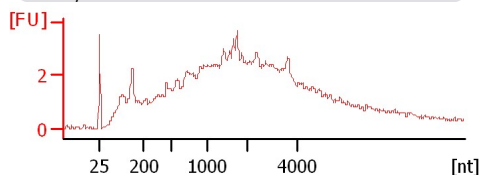
2nd elution undiluted
RIN: 1

**Gum-Baleen 10B22 PolyA 1rounds undiluted**

RIN: 3.80

**Whale Mes.LymphNode 10B22 PolyA 1rounds undiluted**

RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Gum-Baleen 10B22 PolyA 2rounds	1st elution dil 1:4	✓	RIN: 1.60	
Whale Heart 10B16 PolyA 2rounds	1st elution dil 1:4.5	✓	RIN: 1.10	
Whale Testis 10B16 PolyA 2rounds	1st elution dil 1:5	✓	RIN: 1.20	
Whale Mes.LymphNode 10B22 PolyA 2rounds	1st elution dil 1:6.75	✓	RIN: 1.60	
Whale Retina 10B20 PolyA 2rounds	1st elution dil 1:5.3	✓	RIN:1	
Whale Spleen 10B18 PolyA 2rounds	1st elution dil 1:7.85	✓	RIN:1	
Whale Liver 10B16 PolyA 2rounds	1st elution dil 1:9.9	✓	RIN: 1.40	
Gum-Baleen 10B22 PolyA 2rounds undiluted	2nd elution undiluted	✓	RIN:1	
Whale Mes.LymphNode 10B22 PolyA 2rounds undiluted	2nd elution undiluted	✓	RIN:1	
Gum-Baleen 10B22 PolyA 1rounds undiluted		✓	RIN: 3.80	
Whale Mes.LymphNode 10B22 PolyA 1rounds undiluted		✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
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] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

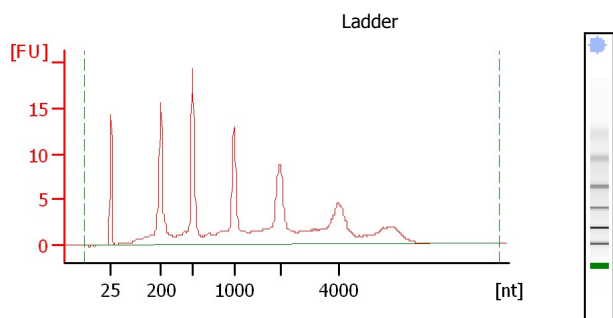
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

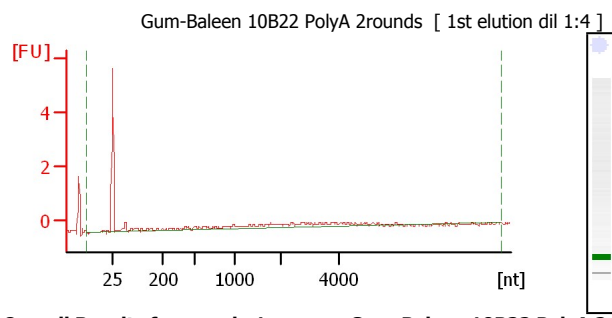
Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Electropherogram Summary



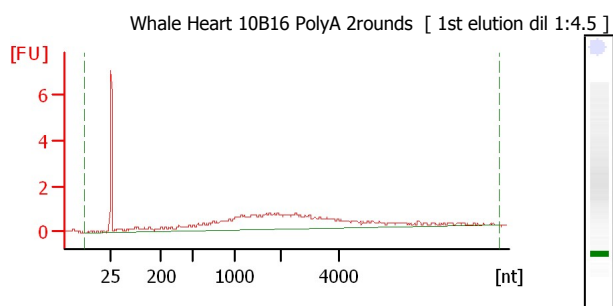
Overall Results for Ladder

RNA Area: 192.7
RNA Concentration: 1,000 pg/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



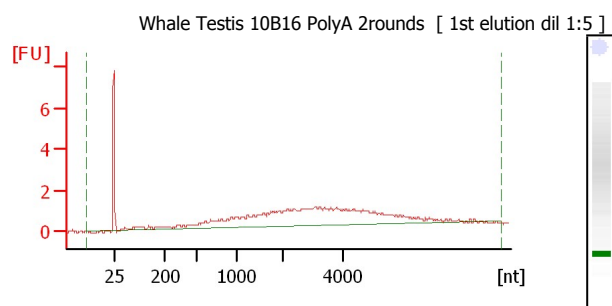
Overall Results for sample 1 : Gum-Baleen 10B22 PolyA 2round

RNA Area: 6.5
RNA Concentration: 34 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.6 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.60



Overall Results for sample 2 : Whale Heart 10B16 PolyA 2round

RNA Area: 34.6
RNA Concentration: 180 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.10

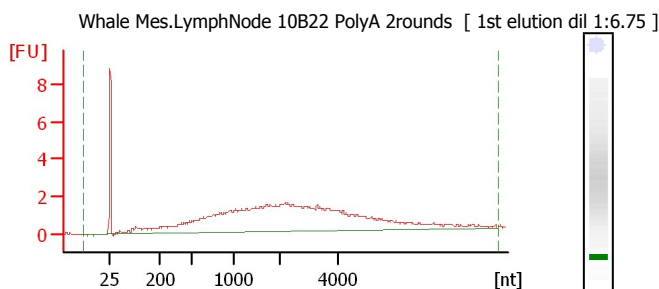


Overall Results for sample 3 : Whale Testis 10B16 PolyA 2round

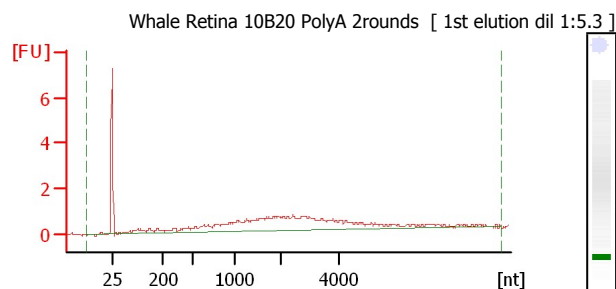
RNA Area: 40.4
RNA Concentration: 209 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.20

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

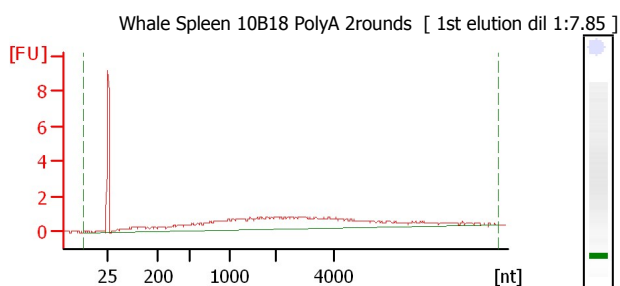
Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Whale Mes.LymphNode 10B22 Po**

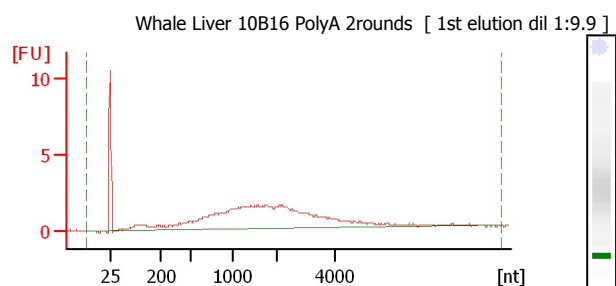
RNA Area: 70.5
RNA Concentration: 366 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.6 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.60

**Overall Results for sample 5 : Whale Retina 10B20 PolyA 2roun**

RNA Area: 29.0
RNA Concentration: 150 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:1

**Overall Results for sample 6 : Whale Spleen 10B18 PolyA 2roun**

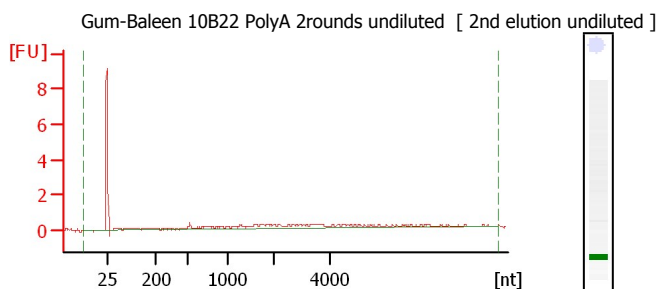
RNA Area: 36.7
RNA Concentration: 191 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:1

**Overall Results for sample 7 : Whale Liver 10B16 PolyA 2rounds**

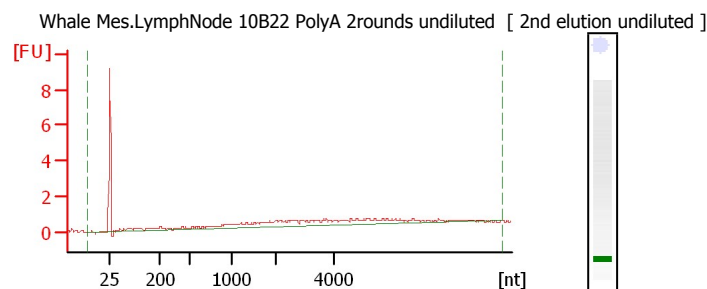
RNA Area: 65.0
RNA Concentration: 337 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.4 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.40

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

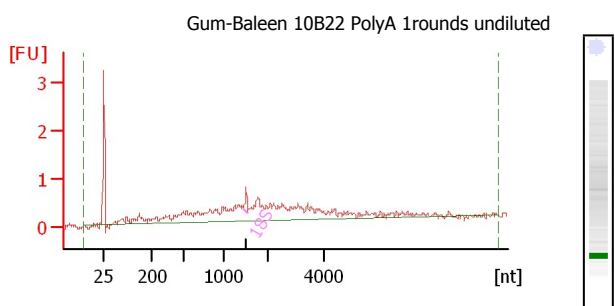
Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Gum-Baleen 10B22 PolyA 2round**

RNA Area: 10.4
RNA Concentration: 54 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:1

**Overall Results for sample 9 : Whale Mes.LymphNode 10B22 Po**

RNA Area: 20.1
RNA Concentration: 104 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:1

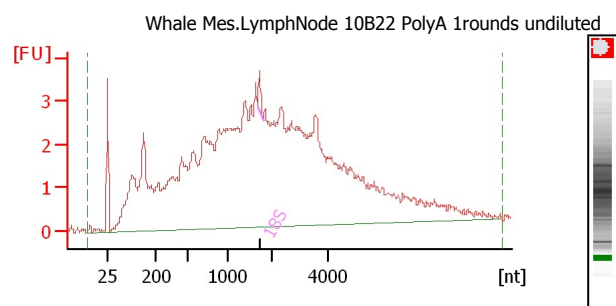
**Overall Results for sample 10 : Gum-Baleen 10B22 PolyA 1roun**

RNA Area: 15.6
RNA Concentration: 81 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 3.8 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 3.80

Fragment table for sample 10 : Gum-Baleen 10B22 PolyA 1round

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,455	1,559	0.3	2.0
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**Overall Results for sample 11 : Whale Mes.LymphNode 10B22 P**

RNA Area: 150.7
RNA Concentration: 782 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): N/A (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN N/A

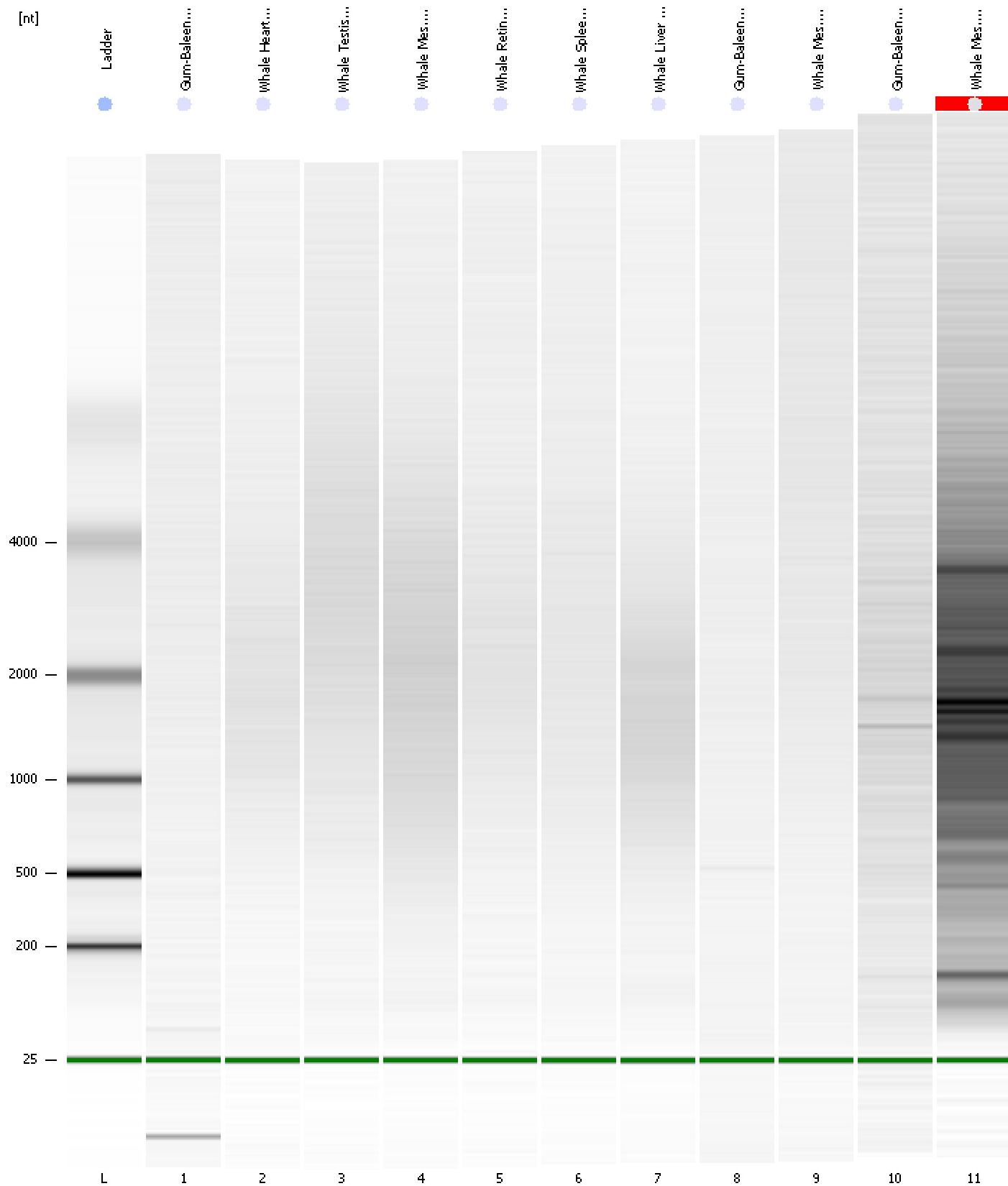
Fragment table for sample 11 : Whale Mes.LymphNode 10B22 Po

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
------	-----------------	---------------	------	-----------------

18S	1,690	1,813	0.7	0.5
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Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Gel Image

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-06-16_14-35-59.xad

Created: 6/16/2011 2:35:59 PM
Modified: 6/16/2011 6:02:09 PM

Curves

Standard Curve

