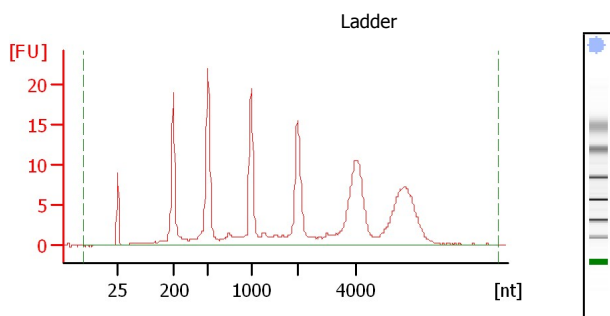


Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2012-06-15\_19-43-50.xad

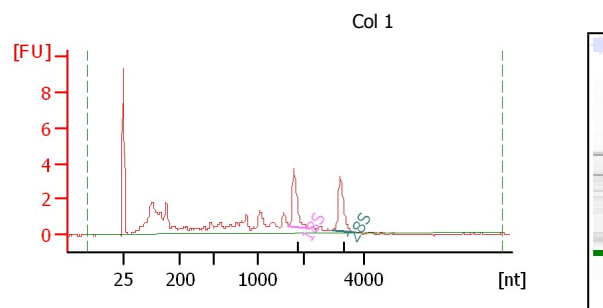
Created: 6/15/2012 7:43:49 PM  
Modified: 6/15/2012 8:55:39 PM

### Electropherogram Summary



#### Overall Results for Ladder

RNA Area: 250.0  
RNA Concentration: 150 ng/μl  
Result Flagging Color:    
Result Flagging Label: All Other Samples

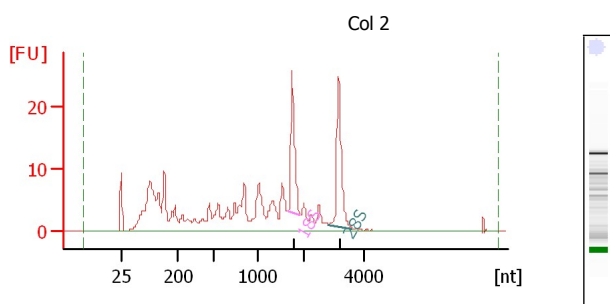


#### Overall Results for sample 1 : Col 1

RNA Area: 48.0  
RNA Concentration: 29 ng/μl  
rRNA Ratio [28s / 18s]: 1.0  
RNA Integrity Number (RIN): 7.3 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 7.30

#### Fragment table for sample 1 : Col 1

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,660           | 2,190         | 4.7  | 9.7             |
| 28S  | 2,932           | 3,745         | 4.6  | 9.7             |

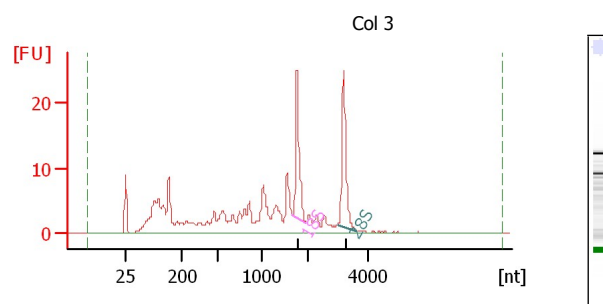


#### Overall Results for sample 2 : Col 2

RNA Area: 270.3  
RNA Concentration: 162 ng/μl  
rRNA Ratio [28s / 18s]: 1.2  
RNA Integrity Number (RIN): 6.4 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 6.40

#### Fragment table for sample 2 : Col 2

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,666           | 1,926         | 25.3 | 9.4             |
| 28S  | 2,845           | 3,623         | 29.7 | 11.0            |



#### Overall Results for sample 3 : Col 3

RNA Area: 222.8  
RNA Concentration: 134 ng/μl  
rRNA Ratio [28s / 18s]: 1.1  
RNA Integrity Number (RIN): 6.4 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 6.40

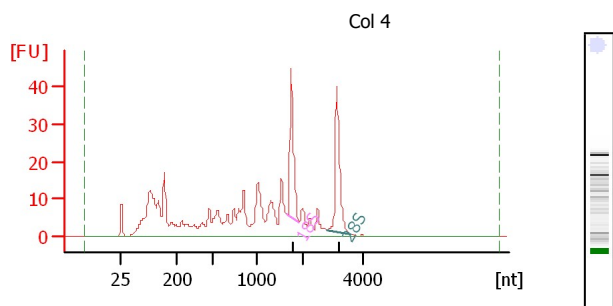
#### Fragment table for sample 3 : Col 3

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,650           | 1,936         | 23.4 | 10.5            |
| 28S  | 2,957           | 3,621         | 26.5 | 11.9            |

Assay Class: Eukaryote Total RNA Nano  
 Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2012-06-15\_19-43-50.xad

Created: 6/15/2012 7:43:49 PM  
 Modified: 6/15/2012 8:55:39 PM

### Electropherogram Summary Continued ...

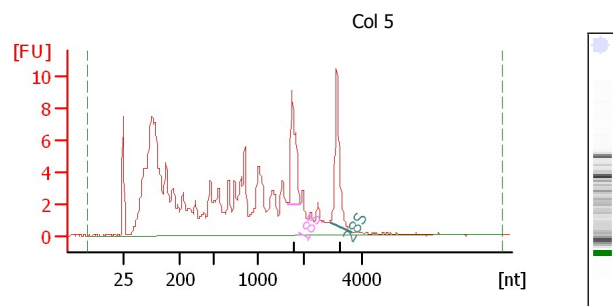


#### Overall Results for sample 4 : Col 4

RNA Area: 447.5  
 RNA Concentration: 268 ng/μl  
 rRNA Ratio [28s / 18s]: 1.1  
 RNA Integrity Number (RIN): 6.2 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 6.20

#### Fragment table for sample 4 : Col 4

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,654           | 1,915         | 44.1 | 9.9             |
| 28S  | 2,789           | 3,641         | 47.2 | 10.6            |

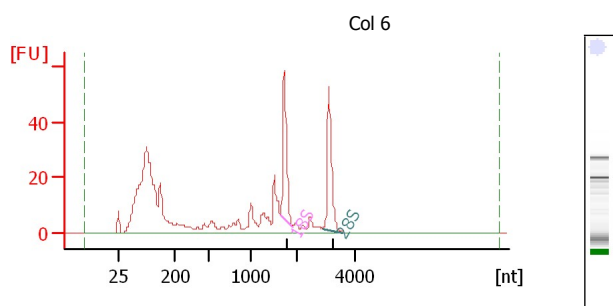


#### Overall Results for sample 5 : Col 5

RNA Area: 192.9  
 RNA Concentration: 116 ng/μl  
 rRNA Ratio [28s / 18s]: 1.1  
 RNA Integrity Number (RIN): 5.8 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 5.80

#### Fragment table for sample 5 : Col 5

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,659           | 1,921         | 10.8 | 5.6             |
| 28S  | 2,890           | 3,619         | 12.1 | 6.3             |

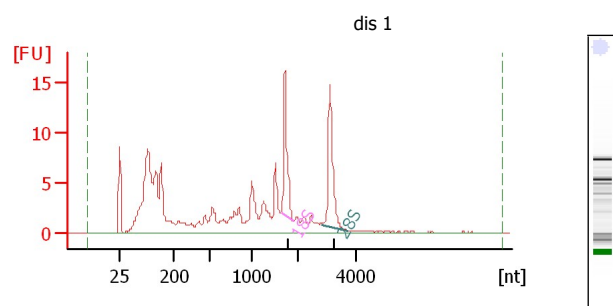


#### Overall Results for sample 6 : Col 6

RNA Area: 575.9  
 RNA Concentration: 346 ng/μl  
 rRNA Ratio [28s / 18s]: 1.0  
 RNA Integrity Number (RIN): 6.9 (B.02.08, Anomaly Threshold(s) manually adapted)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 6.90

#### Fragment table for sample 6 : Col 6

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,625           | 1,889         | 58.5 | 10.2            |
| 28S  | 2,834           | 3,555         | 60.5 | 10.5            |



#### Overall Results for sample 7 : dis 1

RNA Area: 175.8  
 RNA Concentration: 106 ng/μl  
 rRNA Ratio [28s / 18s]: 1.2  
 RNA Integrity Number (RIN): 6.6 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 6.60

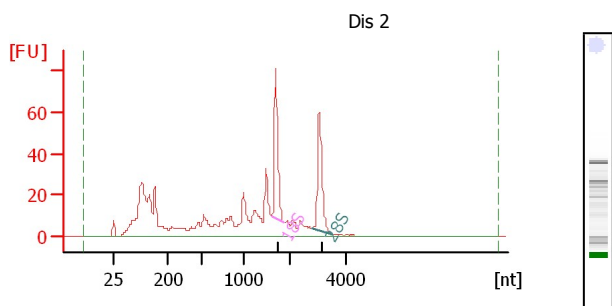
#### Fragment table for sample 7 : dis 1

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,637           | 1,903         | 15.4 | 8.8             |
| 28S  | 2,851           | 3,781         | 18.3 | 10.4            |

Assay Class: Eukaryote Total RNA Nano  
 Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2012-06-15\_19-43-50.xad

Created: 6/15/2012 7:43:49 PM  
 Modified: 6/15/2012 8:55:39 PM

### Electropherogram Summary Continued ...

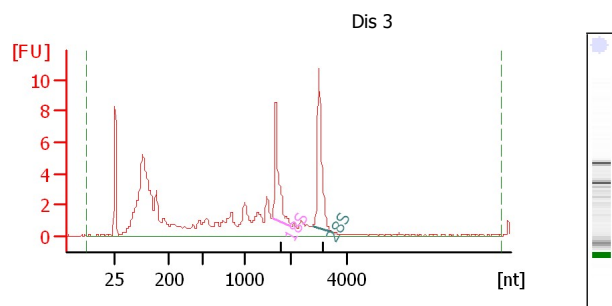


#### Overall Results for sample 8 : Dis 2

RNA Area: 708.7  
 RNA Concentration: 425 ng/μl  
 rRNA Ratio [28s / 18s]: 1.0  
 RNA Integrity Number (RIN): 6.3 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 6.30

#### Fragment table for sample 8 : Dis 2

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,619           | 1,879         | 74.5 | 10.5            |
| 28S  | 2,780           | 3,500         | 72.0 | 10.2            |

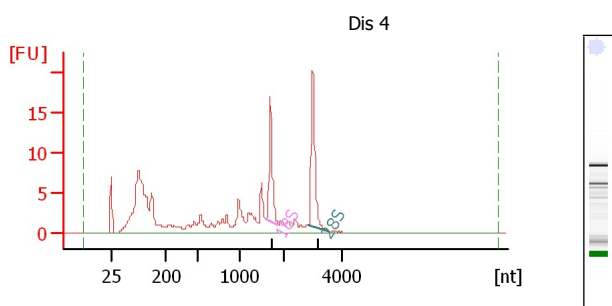


#### Overall Results for sample 9 : Dis 3

RNA Area: 108.8  
 RNA Concentration: 65 ng/μl  
 rRNA Ratio [28s / 18s]: 1.3  
 RNA Integrity Number (RIN): 7.1 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7.10

#### Fragment table for sample 9 : Dis 3

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,596           | 2,041         | 10.0 | 9.2             |
| 28S  | 2,810           | 3,520         | 12.8 | 11.7            |

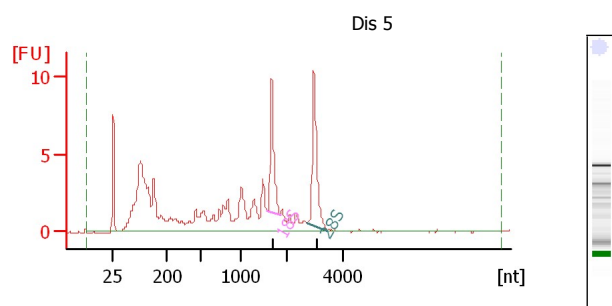


#### Overall Results for sample 10 : Dis 4

RNA Area: 166.5  
 RNA Concentration: 100 ng/μl  
 rRNA Ratio [28s / 18s]: 1.3  
 RNA Integrity Number (RIN): 7 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7

#### Fragment table for sample 10 : Dis 4

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,581           | 1,854         | 15.7 | 9.4             |
| 28S  | 2,841           | 3,526         | 20.7 | 12.4            |



#### Overall Results for sample 11 : Dis 5

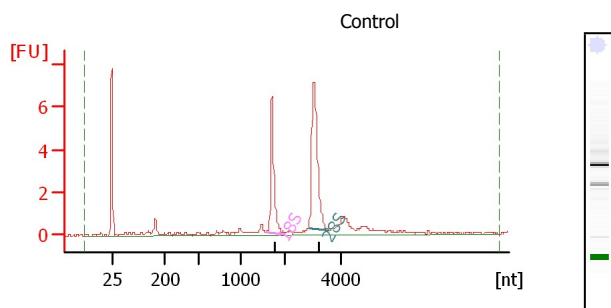
RNA Area: 103.5  
 RNA Concentration: 62 ng/μl  
 rRNA Ratio [28s / 18s]: 1.3  
 RNA Integrity Number (RIN): 6.8 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 6.80

#### Fragment table for sample 11 : Dis 5

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,587           | 1,861         | 9.5  | 9.2             |
| 28S  | 2,737           | 3,470         | 12.6 | 12.2            |

Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2012-06-15\_19-43-50.xad

Created: 6/15/2012 7:43:49 PM  
Modified: 6/15/2012 8:55:39 PM

**Electropherogram Summary Continued ...****Overall Results for sample 12 : Control**

RNA Area: 37.1  
RNA Concentration: 22 ng/μl  
rRNA Ratio [28s / 18s]: 1.7  
RNA Integrity Number (RIN): 9.8 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.80

**Fragment table for sample 12 : Control**

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 1,588           | 2,006         | 7.0  | 18.9            |
| 28S  | 2,827           | 3,603         | 11.7 | 31.5            |

Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2012-06-15\_19-43-50.xad

Created: 6/15/2012 7:43:49 PM  
Modified: 6/15/2012 8:55:39 PM

## Curves

### Standard Curve

