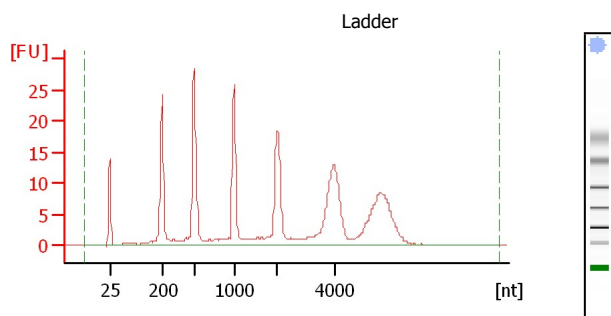


Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-07-05_14-04-39.xad

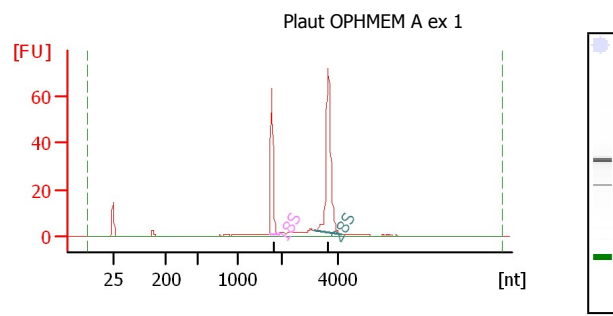
Created: 7/5/2012 2:04:39 PM
 Modified: 7/5/2012 2:28:39 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 293.3
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

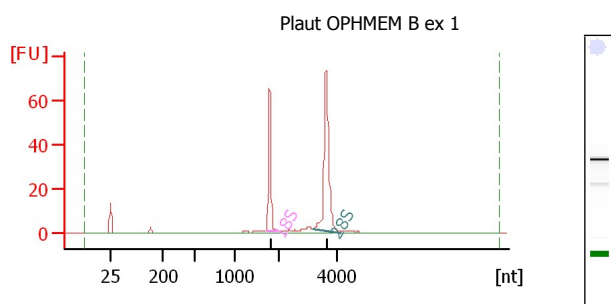


Overall Results for sample 1 : Plaut OPHMEM A ex 1

RNA Area: 196.2
 RNA Concentration: 100 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 1 : Plaut OPHMEM A ex 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,720	1,933	47.5	24.2
28S	3,169	4,145	98.1	50.0

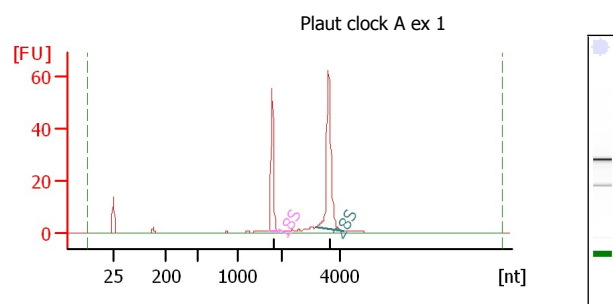


Overall Results for sample 2 : Plaut OPHMEM B ex 1

RNA Area: 196.4
 RNA Concentration: 100 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 2 : Plaut OPHMEM B ex 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,721	1,924	48.5	24.7
28S	3,183	4,156	99.1	50.5



Overall Results for sample 3 : Plaut clock A ex 1

RNA Area: 172.9
 RNA Concentration: 88 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

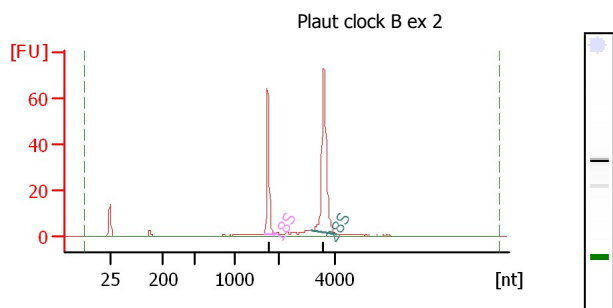
Fragment table for sample 3 : Plaut clock A ex 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,712	1,915	41.0	23.7
28S	3,212	4,141	81.9	47.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-07-05_14-04-39.xad

Created: 7/5/2012 2:04:39 PM
 Modified: 7/5/2012 2:28:39 PM

Electropherogram Summary Continued ...

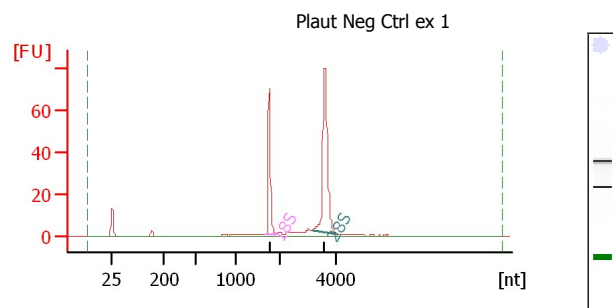


Overall Results for sample 4 : Plaut clock B ex 2

RNA Area: 194.5
 RNA Concentration: 99 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 4 : Plaut clock B ex 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,700	1,904	48.1	24.7
28S	3,139	4,085	98.4	50.6

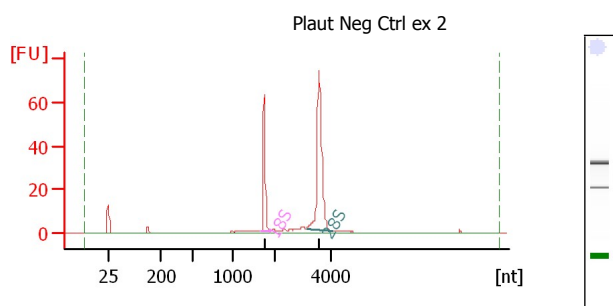


Overall Results for sample 5 : Plaut Neg Ctrl ex 1

RNA Area: 223.6
 RNA Concentration: 114 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 5 : Plaut Neg Ctrl ex 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,697	1,911	52.6	23.5
28S	3,156	4,062	106.1	47.5

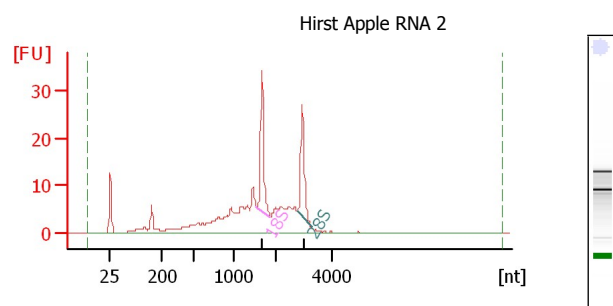


Overall Results for sample 6 : Plaut Neg Ctrl ex 2

RNA Area: 201.5
 RNA Concentration: 103 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 6 : Plaut Neg Ctrl ex 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,683	1,889	47.2	23.4
28S	3,113	4,083	99.5	49.4



Overall Results for sample 7 : Hirst Apple RNA 2

RNA Area: 230.4
 RNA Concentration: 118 ng/μl
 rRNA Ratio [28s / 18s]: 0.9
 RNA Integrity Number (RIN): 6.6 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.60

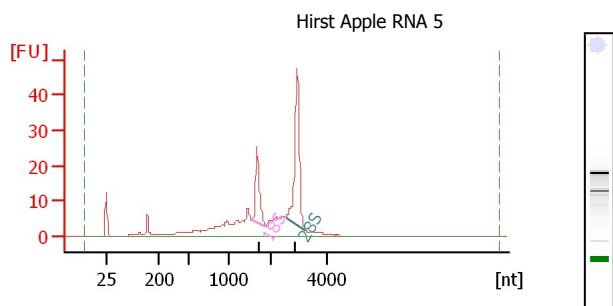
Fragment table for sample 7 : Hirst Apple RNA 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,523	1,866	29.6	12.8
28S	2,740	3,250	26.4	11.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-07-05_14-04-39.xad

Created: 7/5/2012 2:04:39 PM
 Modified: 7/5/2012 2:28:39 PM

Electropherogram Summary Continued ...

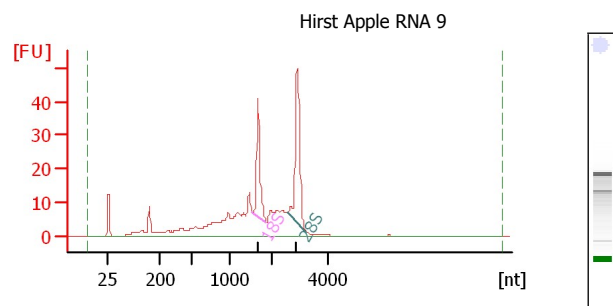


Overall Results for sample 8 : Hirst Apple RNA 5

RNA Area: 247.5
 RNA Concentration: 127 ng/μl
 rRNA Ratio [28s / 18s]: 2.4
 RNA Integrity Number (RIN): 8.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.10

Fragment table for sample 8 : Hirst Apple RNA 5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,556	1,872	26.9	10.9
28S	2,544	3,238	63.8	25.8

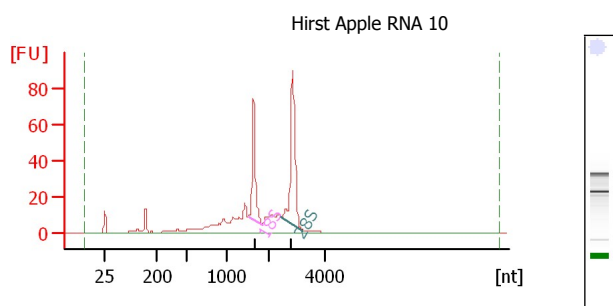


Overall Results for sample 9 : Hirst Apple RNA 9

RNA Area: 345.9
 RNA Concentration: 177 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 7.2 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.20

Fragment table for sample 9 : Hirst Apple RNA 9

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,532	1,849	40.0	11.6
28S	2,558	3,210	62.3	18.0

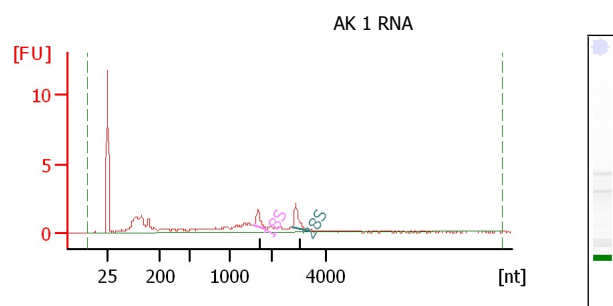


Overall Results for sample 10 : Hirst Apple RNA 10

RNA Area: 469.1
 RNA Concentration: 240 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 7.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.80

Fragment table for sample 10 : Hirst Apple RNA 10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,510	1,838	72.4	15.4
28S	2,467	3,226	117.8	25.1



Overall Results for sample 11 : AK 1 RNA

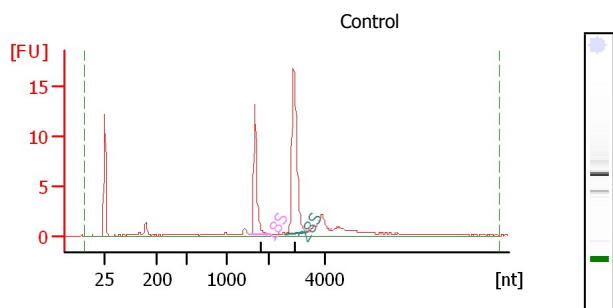
RNA Area: 29.2
 RNA Concentration: 15 ng/μl
 rRNA Ratio [28s / 18s]: 1.4
 RNA Integrity Number (RIN): 6.3 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.30

Fragment table for sample 11 : AK 1 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,587	1,886	1.7	5.8
28S	2,771	3,380	2.4	8.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-07-05_14-04-39.xad

Created: 7/5/2012 2:04:39 PM
Modified: 7/5/2012 2:28:39 PM

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

RNA Area: 66.1
RNA Concentration: 34 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 12 : Control

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,569	2,042	13.6	20.5
28S	2,588	3,348	25.2	38.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-07-05_14-04-39.xad

Created: 7/5/2012 2:04:39 PM
Modified: 7/5/2012 2:28:39 PM

Curves

Standard Curve

