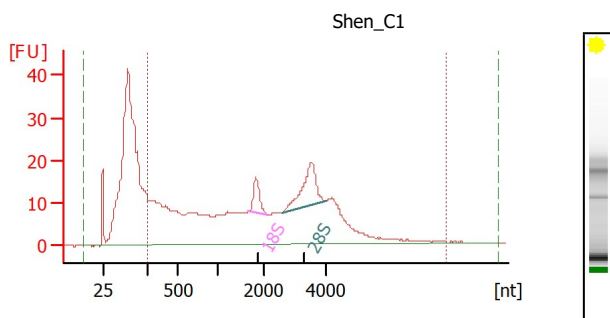


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...Eukaryote Total RNA Pico_DE04103516_2022-11-29_13-53-21.xad

Created: 11/29/2022 1:53:20 PM
 Modified: 11/29/2022 2:14:55 PM

Electropherogram Summary



Overall Results for sample 2 : Shen_C1

RNA Area: 950.5
 RNA Concentration: 4,733 pg/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 3.4 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.40 ; DV200 50-70%
 Corr. Area 1: 600.9

Fragment table for sample 2 : Shen_C1

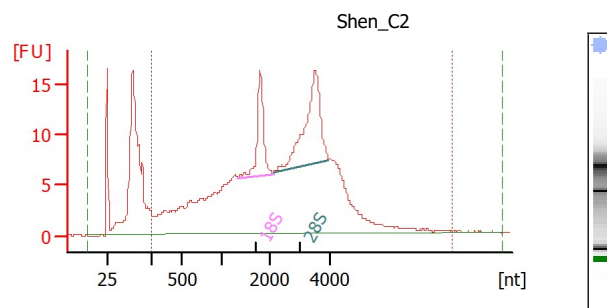
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,662	2,133	17.8	1.9
28S	2,588	4,023	40.5	4.3

Region table for sample 2 : Shen_C1

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
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DV200	200	8,000	600.9	63	
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Overall Results for sample 3 : Shen_C2

RNA Area: 474.1
 RNA Concentration: 2,361 pg/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 5.8 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.80
 Corr. Area 1: 380.0

Fragment table for sample 3 : Shen_C2

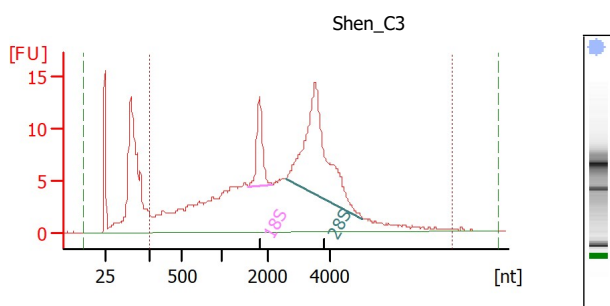
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,321	2,121	22.0	4.6
28S	2,148	3,951	40.4	8.5

Region table for sample 3 : Shen_C2

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
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DV200	200	8,000	380.0	80	
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Overall Results for sample 4 : Shen_C3

RNA Area: 374.8
 RNA Concentration: 1,866 pg/μl
 rRNA Ratio [28s / 18s]: 4.0
 RNA Integrity Number (RIN): 7.4 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.40
 Corr. Area 1: 300.9

Fragment table for sample 4 : Shen_C3

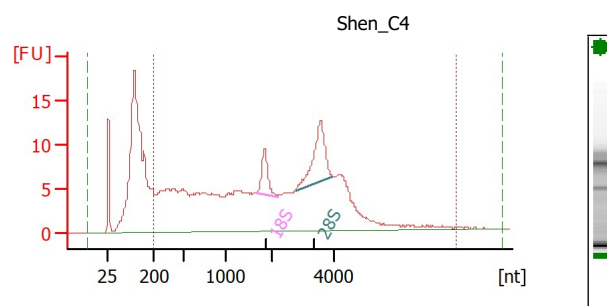
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,582	2,140	16.6	4.4
28S	2,562	5,072	65.8	17.5

Region table for sample 4 : Shen_C3

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
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DV200	200	8,000	300.9	80	
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Overall Results for sample 5 : Shen_C4

RNA Area: 473.2
 RNA Concentration: 2,357 pg/μl
 rRNA Ratio [28s / 18s]: 2.2
 RNA Integrity Number (RIN): 3.8 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.80 ; DV200 > 70%
 Corr. Area 1: 344.4

Fragment table for sample 5 : Shen_C4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,660	2,193	10.2	2.2
28S	2,794	3,984	22.9	4.8

Region table for sample 5 : Shen_C4

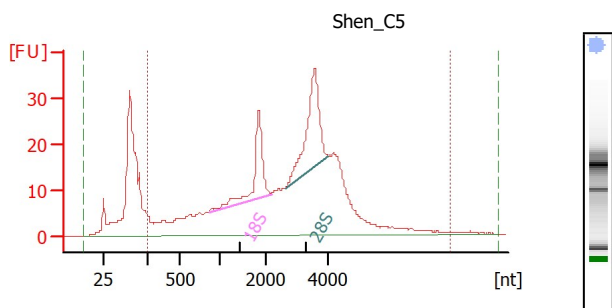
Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
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DV200	200	8,000	344.4	73	
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Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...Eukaryote Total RNA Pico_DE04103516_2022-11-29_13-53-21.xad

Created: 11/29/2022 1:53:20 PM
 Modified: 11/29/2022 2:14:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Shen_C5

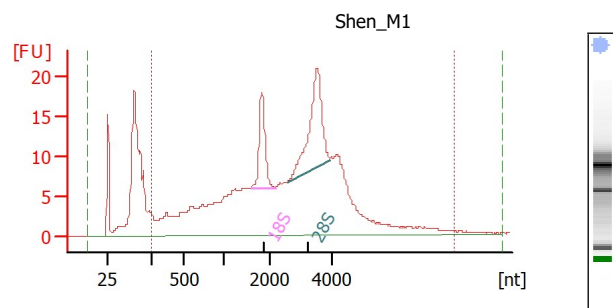
RNA Area: 848.9
 RNA Concentration: 4,228 pg/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 6.1 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.10
 Corr. Area 1: 655.0

Fragment table for sample 6 : Shen_C5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	869	2,191	50.7	6.0
28S	2,616	4,031	79.5	9.4

Region table for sample 6 : Shen_C5

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
DV200	200	8,000	655.0	77	



Overall Results for sample 7 : Shen_M1

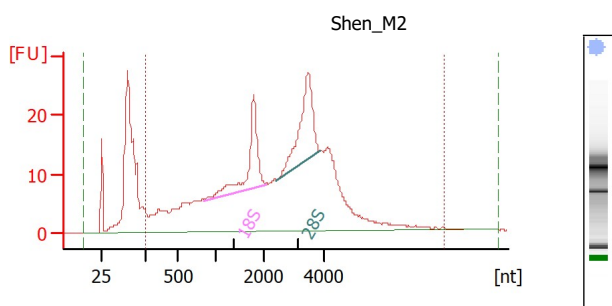
RNA Area: 526.7
 RNA Concentration: 2,623 pg/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 5.8 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.80
 Corr. Area 1: 424.9

Fragment table for sample 7 : Shen_M1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,587	2,137	24.8	4.7
28S	2,534	3,932	46.0	8.7

Region table for sample 7 : Shen_M1

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
DV200	200	8,000	424.9	81	



Overall Results for sample 8 : Shen_M2

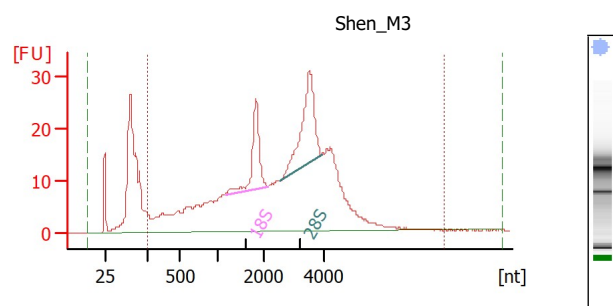
RNA Area: 726.0
 RNA Concentration: 3,615 pg/μl
 rRNA Ratio [28s / 18s]: 1.2
 RNA Integrity Number (RIN): 5.9 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.90
 Corr. Area 1: 579.5

Fragment table for sample 8 : Shen_M2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	844	2,089	46.8	6.5
28S	2,449	3,891	56.8	7.8

Region table for sample 8 : Shen_M2

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
DV200	200	8,000	579.5	80	



Overall Results for sample 9 : Shen_M3

RNA Area: 753.5
 RNA Concentration: 3,752 pg/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 5.7 (B.02.11)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.70
 Corr. Area 1: 613.0

Fragment table for sample 9 : Shen_M3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,140	2,127	41.2	5.5
28S	2,531	3,885	65.6	8.7

Region table for sample 9 : Shen_M3

Name	From [nt]	To [nt]	Corr. Area	% of Total	Color
DV200	200	8,000	613.0	81	