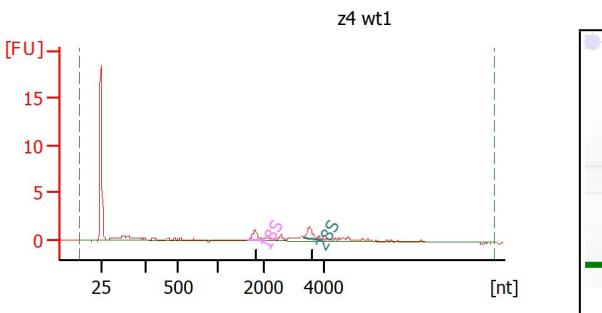


Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...\Eukaryote Total RNA Pico\_DE04103516\_2022-11-14\_12-58-58.xad

Created: 11/14/2022 12:58:58 PM  
 Modified: 11/14/2022 1:21:57 PM

### Electropherogram Summary

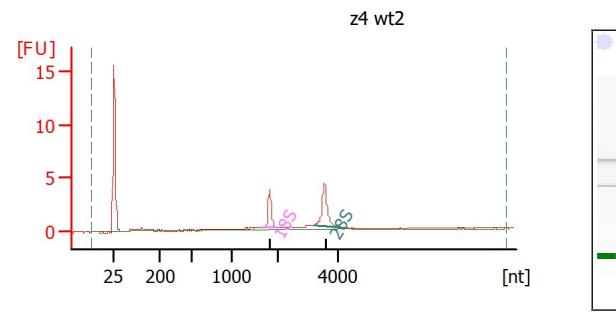


#### Overall Results for sample 1 : [z4 wt1](#)

RNA Area: 17.3  
 RNA Concentration: 78 pg/µl  
 rRNA Ratio [28s / 18s]: 1.1  
 RNA Integrity Number (RIN): 6.3 (B.02.11)  
 Result Flagging Color: (B.02.11)  
 Result Flagging Label: RIN: 6.30

#### Fragment table for sample 1 : [z4 wt1](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,648	2,008	1.6	9.3
28S	3,363	3,916	1.8	10.3

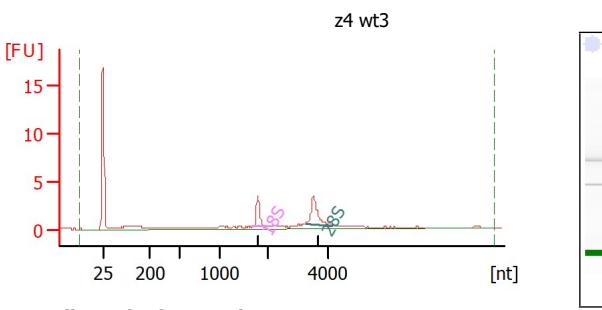


#### Overall Results for sample 2 : [z4 wt2](#)

RNA Area: 24.8  
 RNA Concentration: 113 pg/µl  
 rRNA Ratio [28s / 18s]: 1.6  
 RNA Integrity Number (RIN): 8.7 (B.02.11)  
 Result Flagging Color: (B.02.11)  
 Result Flagging Label: RIN: 8.70

#### Fragment table for sample 2 : [z4 wt2](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,681	1,990	4.2	16.9
28S	3,180	4,059	6.5	26.3

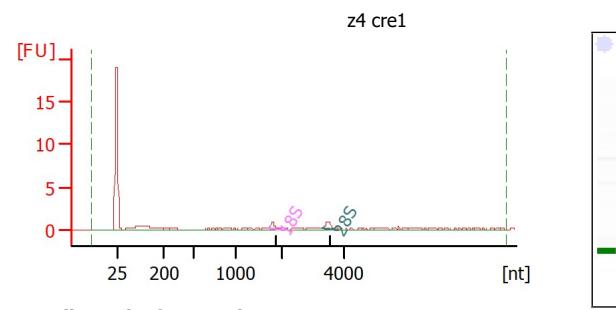


#### Overall Results for sample 3 : [z4 wt3](#)

RNA Area: 30.0  
 RNA Concentration: 137 pg/µl  
 rRNA Ratio [28s / 18s]: 1.3  
 RNA Integrity Number (RIN): 8.7 (B.02.11)  
 Result Flagging Color: (B.02.11)  
 Result Flagging Label: RIN: 8.70

#### Fragment table for sample 3 : [z4 wt3](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,676	1,993	3.9	13.1
28S	3,247	4,108	5.2	17.2



#### Overall Results for sample 4 : [z4 cre1](#)

RNA Area: 13.3  
 RNA Concentration: 60 pg/µl  
 rRNA Ratio [28s / 18s]: 0.9  
 RNA Integrity Number (RIN): 7.7 (B.02.11)  
 Result Flagging Color: (B.02.11)  
 Result Flagging Label: RIN: 7.70

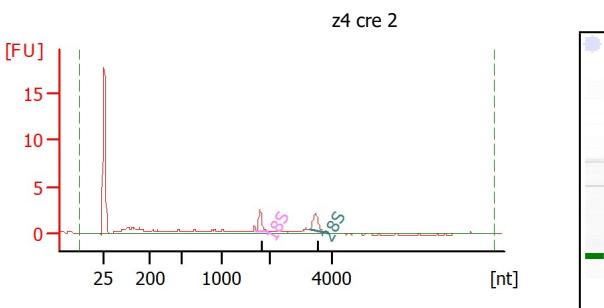
#### Fragment table for sample 4 : [z4 cre1](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,674	2,064	1.2	8.9
28S	3,310	3,812	1.1	8.4

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...\Eukaryote Total RNA Pico\_DE04103516\_2022-11-14\_12-58-58.xad

Created: 11/14/2022 12:58:58 PM  
 Modified: 11/14/2022 1:21:57 PM

### Electropherogram Summary Continued ...

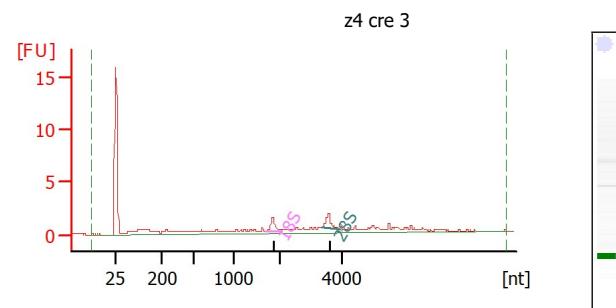


#### Overall Results for sample 5 : [z4 cre 2](#)

RNA Area: 28.3  
 RNA Concentration: 128 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 1.1  
 RNA Integrity Number (RIN): 7.5 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 7.50

#### Fragment table for sample 5 : [z4 cre 2](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,726	1,951	2.6	9.1
28S	3,298	3,868	2.9	10.3

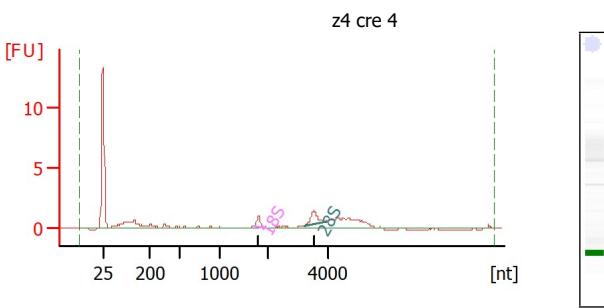


#### Overall Results for sample 6 : [z4 cre 3](#)

RNA Area: 33.3  
 RNA Concentration: 151 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 1.1  
 RNA Integrity Number (RIN): 6.4 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 6.40

#### Fragment table for sample 6 : [z4 cre 3](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,688	2,033	1.9	5.6
28S	3,367	3,898	2.0	6.1

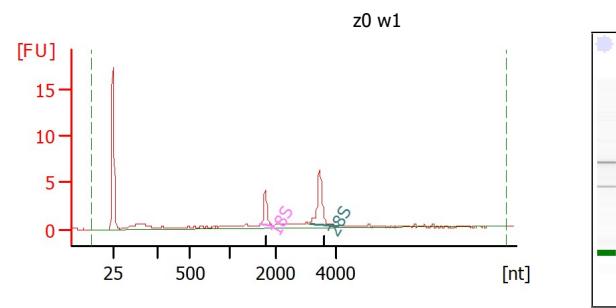


#### Overall Results for sample 7 : [z4 cre 4](#)

RNA Area: 24.2  
 RNA Concentration: 110 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 1.9  
 RNA Integrity Number (RIN): 5.6 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 5.60

#### Fragment table for sample 7 : [z4 cre 4](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,730	1,920	1.2	4.8
28S	3,179	3,862	2.2	9.1



#### Overall Results for sample 8 : [z0 w1](#)

RNA Area: 39.8  
 RNA Concentration: 181 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 2.1  
 RNA Integrity Number (RIN): 8 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 8.00

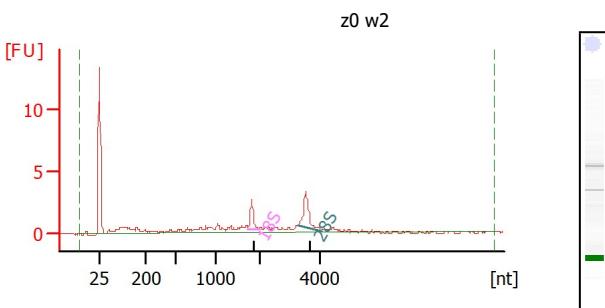
#### Fragment table for sample 8 : [z0 w1](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,685	1,978	4.0	10.0
28S	3,128	4,096	8.2	20.7

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...\Eukaryote Total RNA Pico\_DE04103516\_2022-11-14\_12-58-58.xad

Created: 11/14/2022 12:58:58 PM  
 Modified: 11/14/2022 1:21:57 PM

### Electropherogram Summary Continued ...

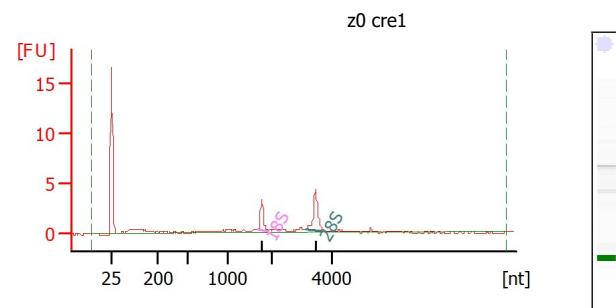


#### Overall Results for sample 9 : [z0 w2](#)

RNA Area: 32.4  
 RNA Concentration: 147 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 1.8  
 RNA Integrity Number (RIN): 7.2 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 7.20

#### Fragment table for sample 9 : [z0 w2](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,725	1,965	2.5	7.7
28S	3,214	4,008	4.5	13.8

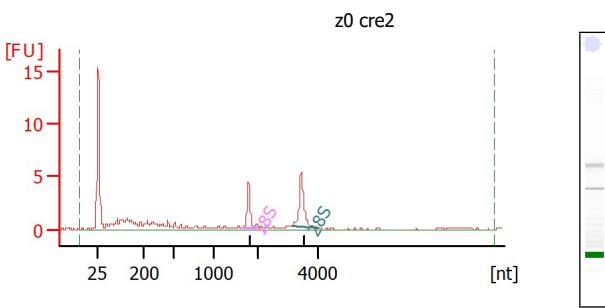


#### Overall Results for sample 10 : [z0 cre1](#)

RNA Area: 19.7  
 RNA Concentration: 89 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 1.7  
 RNA Integrity Number (RIN): 7.7 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 7.70

#### Fragment table for sample 10 : [z0 cre1](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,670	1,910	3.2	16.3
28S	3,103	3,757	5.6	28.5



#### Overall Results for sample 11 : [z0 cre2](#)

RNA Area: 42.2  
 RNA Concentration: 192 pg/ $\mu$ l  
 rRNA Ratio [28s / 18s]: 1.7  
 RNA Integrity Number (RIN): 8.2 (B.02.11)  
 Result Flagging Color: (blue)  
 Result Flagging Label: RIN: 8.20

#### Fragment table for sample 11 : [z0 cre2](#)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,683	1,924	4.5	10.6
28S	3,105	4,002	7.8	18.5