

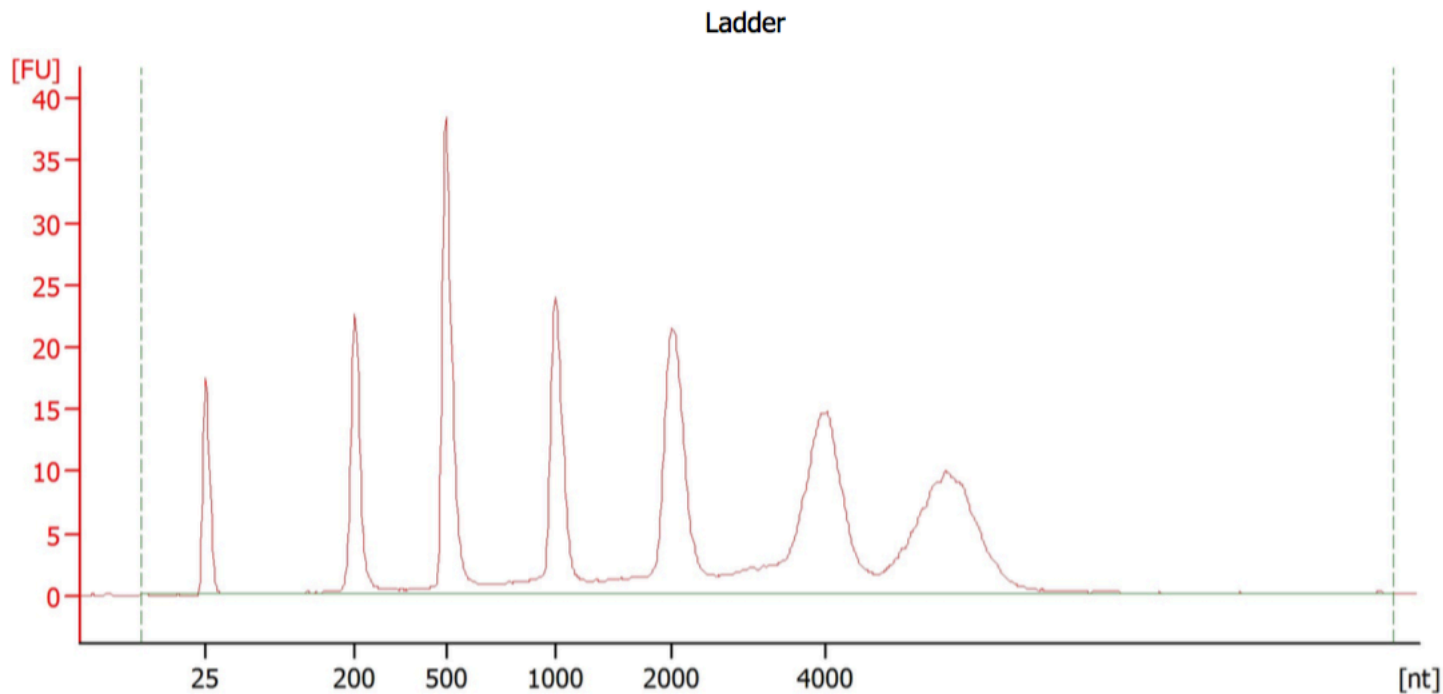
Supplementary Figure S1

The quality and quantity of the total RNA sample

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE24802309_2017-06-15_11-26-19.xad

Created: 6/15/2017 11:26:19 AM
Modified: 6/15/2017 2:26:48 PM

Electropherogram Summary



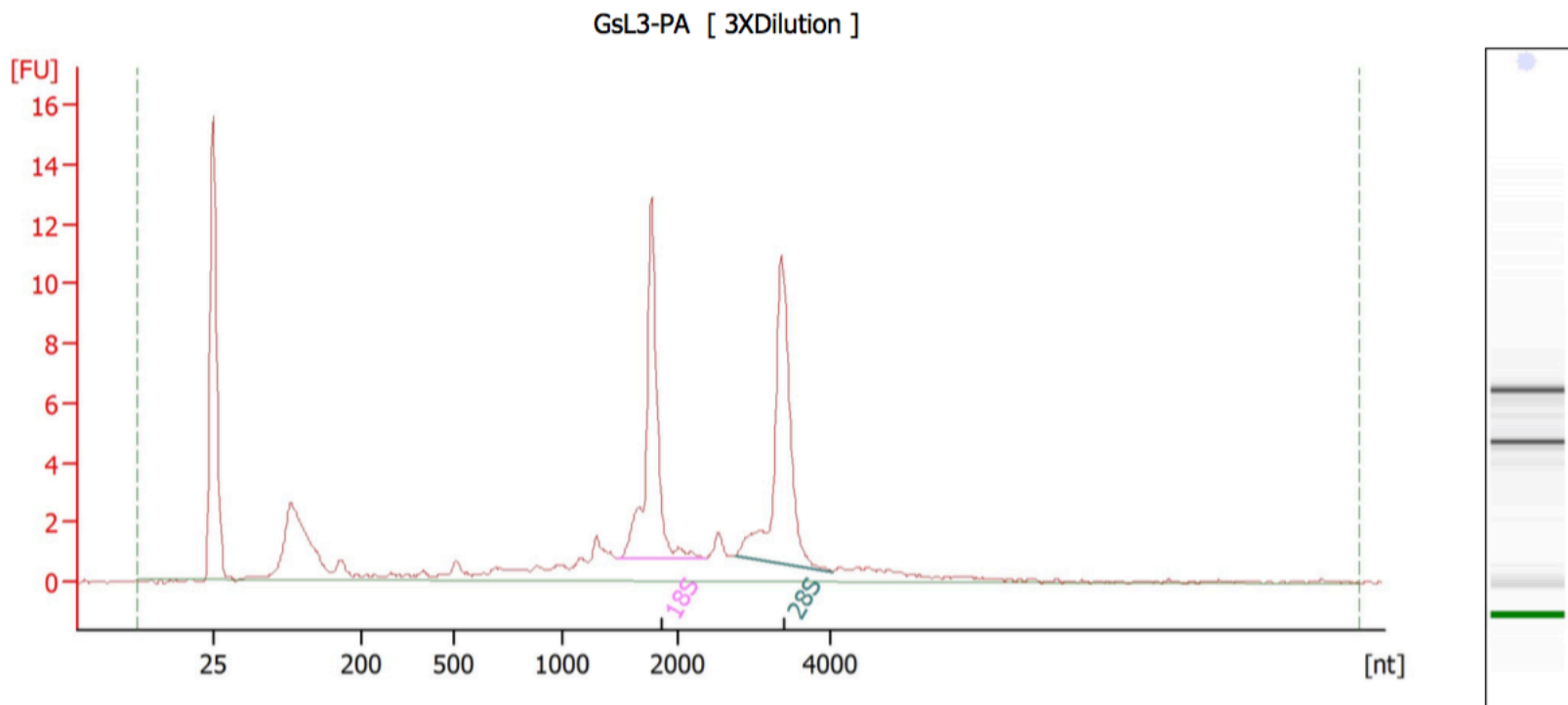
Overall Results for Ladder

| | | | |
|--------------------|-----------------|------------------------|---|
| RNA Area: | 330.7 | Result Flagging Color: | |
| RNA Concentration: | 150 ng/ μ l | Result Flagging Label: | All Other Samples |

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE24802309_2017-06-15_11-26-19.xad

Created: 6/15/2017 11:26:19 AM
Modified: 6/15/2017 2:26:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : GsL3-PA

| | | | |
|-------------------------|----------------|-----------------------------|---|
| RNA Area: | 76.5 | RNA Integrity Number (RIN): | 8.9 (B.02.08) |
| RNA Concentration: | 35 ng/ μ l | Result Flagging Color: | |
| rRNA Ratio [28s / 18s]: | 1.1 | Result Flagging Label: | RIN: 8.90 |

Fragment table for sample 7 : GsL3-PA

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S | 1,485 | 2,349 | 15.7 | 20.5 |
| 28S | 2,737 | 4,014 | 16.7 | 21.8 |