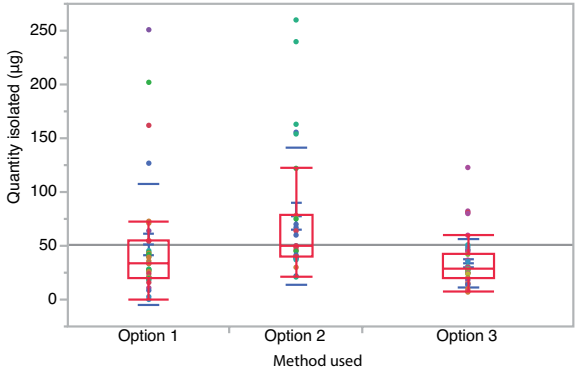
Appendix S1. Distribution of Bioanalyzer metrics for total RNA extracted, RIN, and rRNA ratio.

One-way analysis of quantity isolated by method used



Excluded Rows 6

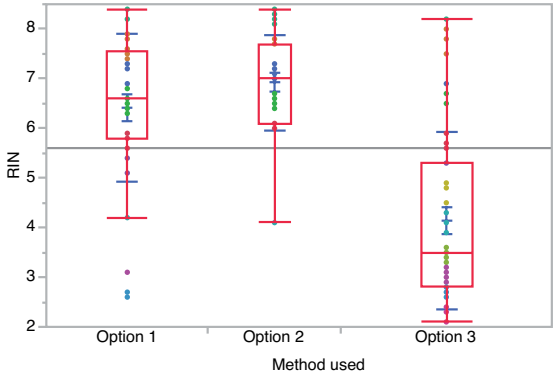
Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
Option 1	0.15	9.52	20.225	33.7	54.675	147.92	250.9
Option 2	21	28.4	40	50	78.2	178.36	260
Option 3	7	13.896	20	28.4	42.2	71.92	122.8

Means and SDs

Level	Number	Mean	SD	SE Mean	Lower 95% Mean	Upper 95% Mean
Option 1	33	51.1045	56.0746	9.761	31.221	70.99
Option 2	27	77.6481	63.4525	12.211	52.547	102.75
Option 3	43	33.8270	22.7029	3.462	26.840	40.81

One-way analysis of RIN by method used



Excluded Rows 6

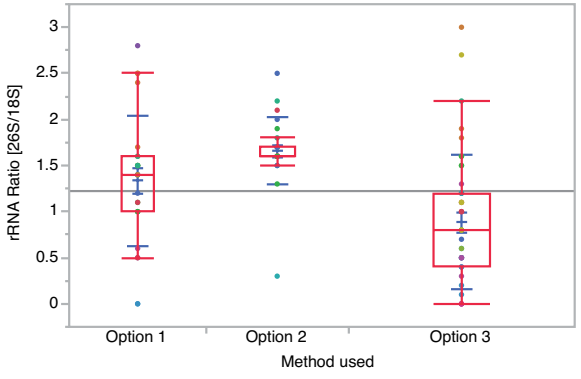
Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
Option 1	2.6	3.54	5.8	6.6	7.55	7.86	8.4
Option 2	4.1	6	6.1	7	7.7	8.22	8.4
Option 3	2.1	2.18	2.8	3.5	5.3	7.26	8.2

Means and SDs

Level	Number	Mean	SD	SE Mean	Lower 95% Mean	Upper 95% Mean
Option 1	33	6.41515	1.49523	0.26029	5.8850	6.9453
Option 2	27	6.92222	0.95970	0.18469	6.5426	7.3019
Option 3	43	4.14884	1.78811	0.27268	3.5985	4.6991

One-way analysis of rRNA ratio [26S/18S] by method used



Missing Rows 7
Excluded Rows 6

Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
Option 1	0	0.35	1	1.4	1.6	2.5	2.8
Option 2	0.3	1.46	1.6	1.6	1.7	2.12	2.5
Option 3	0	0	0.4	0.8	1.2	1.86	3

Means and SDs

Level	Number	Mean	SD	SE Mean	Lower 95% Mean	Upper 95% Mean
Option 1	26	1.33462	0.703103	0.13789	1.0506	1.6186
Option 2	27	1.65556	0.365148	0.07027	1.5111	1.8000
Option 3	43	0.88372	0.726023	0.11072	0.6603	1.1072