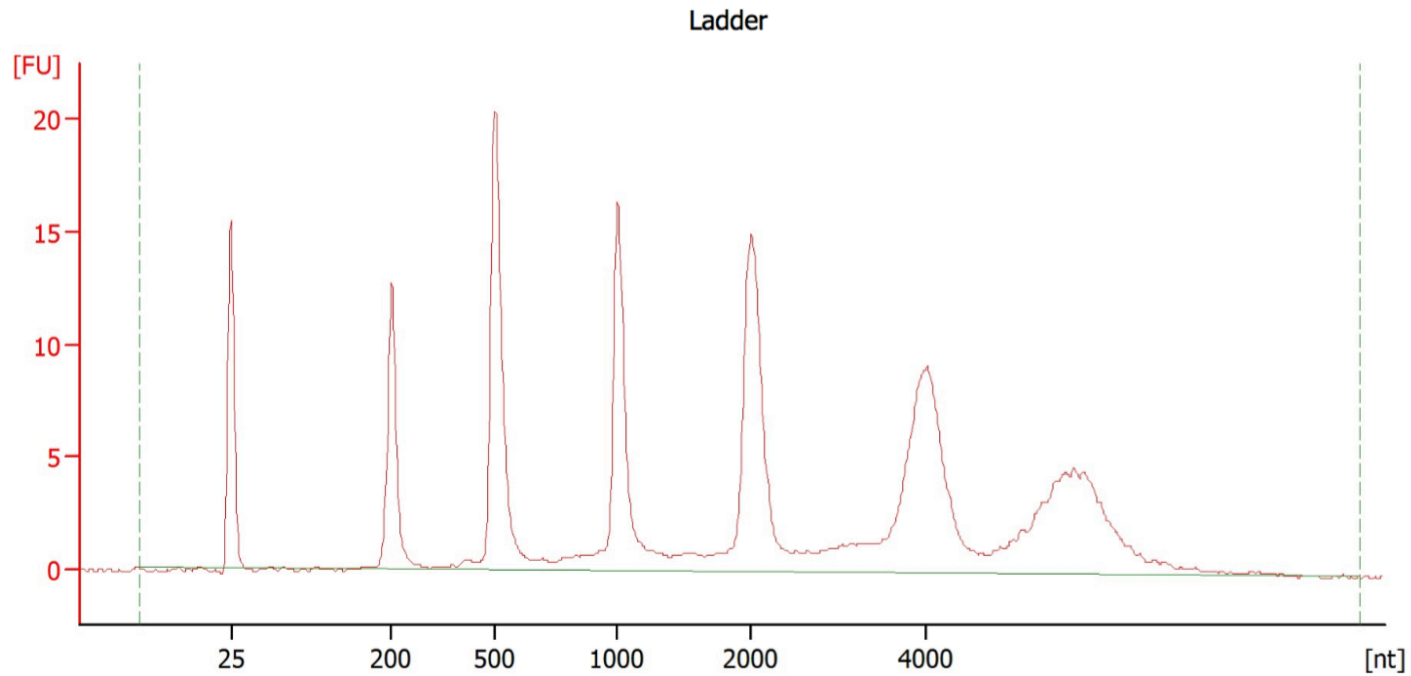


Additional file 14: Figure S6

RNA integrity analysis

Ladder

Electropherogram Summary



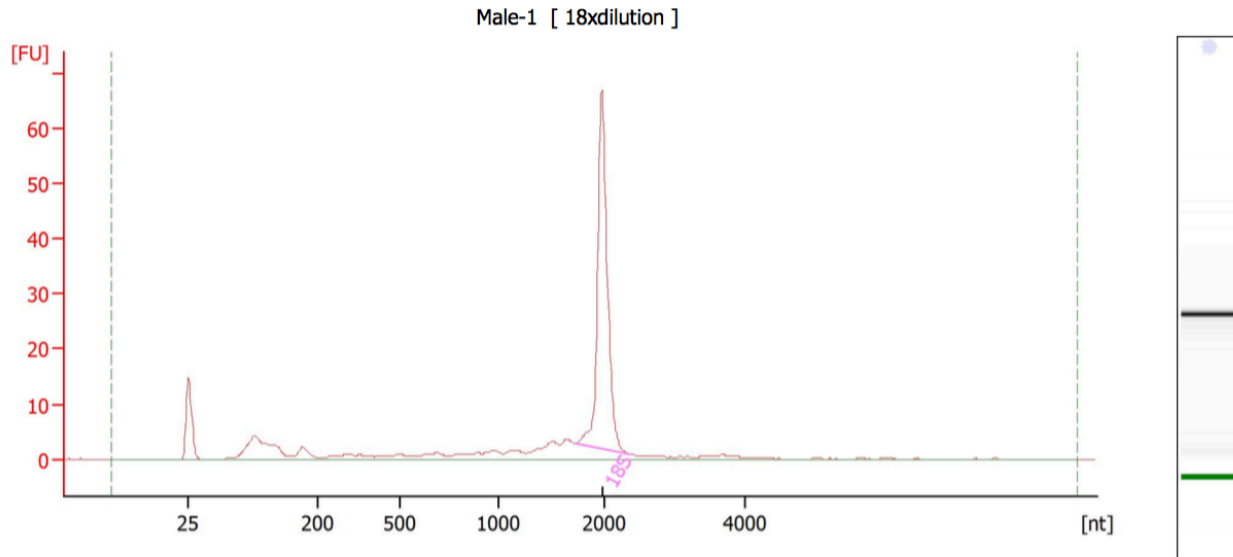
Overall Results for Ladder

RNA Area: 189.0
RNA Concentration: 150 ng/ μ l

Result Flagging Color:
Result Flagging Label: All Other Samples

Male Replicate 1

Electropherogram Summary Continued ...



Overall Results for sample 2 : Male-1

RNA Area: 179.1

RNA Concentration: 142 ng/ μ l

rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN):

8.1 (B.02.08,
Anomaly Threshold(s)
manually adapted)

Result Flagging Color:



Result Flagging Label:

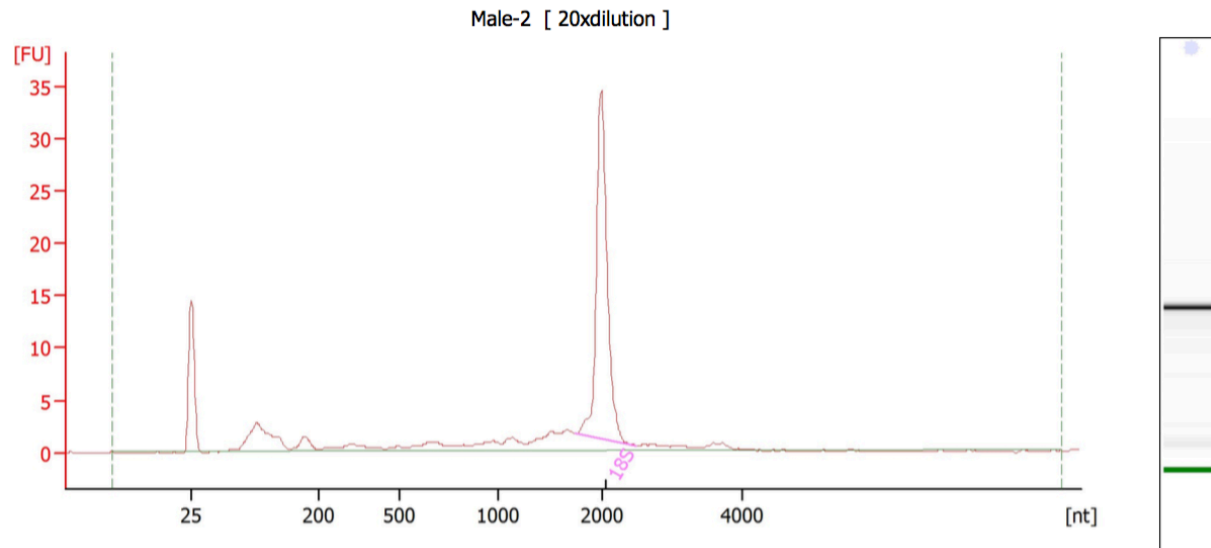
RIN: 8.10

Fragment table for sample 2 : Male-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,729	2,352	86.1	48.1

Male Replicate 2

Electropherogram Summary Continued ...



Overall Results for sample 3 : Male-2

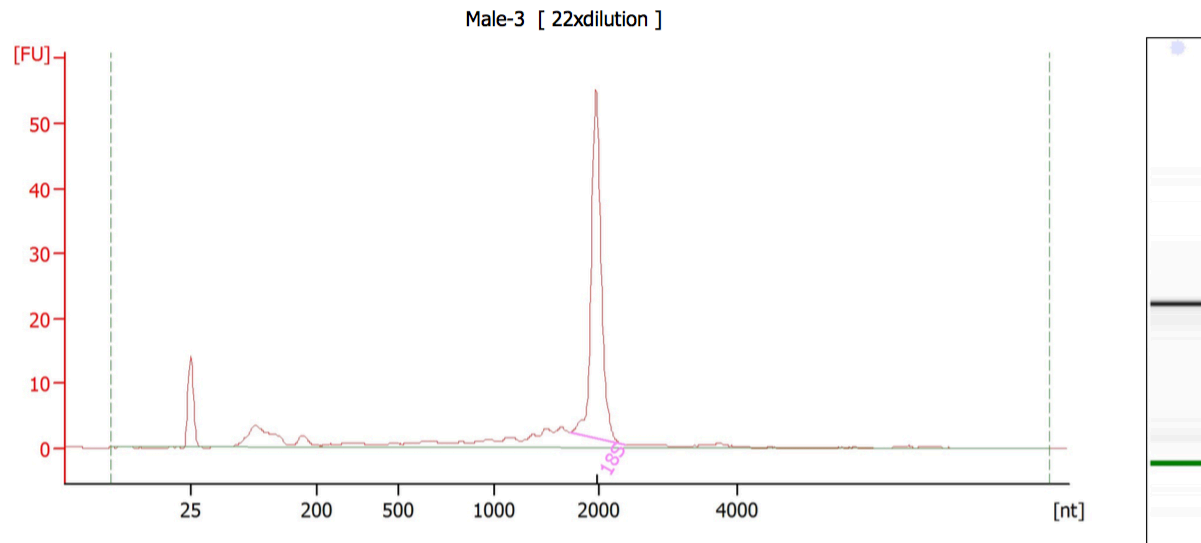
RNA Area:	105.1	RNA Integrity Number (RIN):	7.7 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	83 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 7.70

Fragment table for sample 3 : Male-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,742	2,491	47.4	45.1

Male Replicate 3

Electropherogram Summary Continued ...



Overall Results for sample 4 : Male-3

RNA Area: 150.2
RNA Concentration: 119 ng/ μ l
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN):

7.9 (B.02.08,
Anomaly Threshold(s)
manually adapted)

Result Flagging Color:



Result Flagging Label:

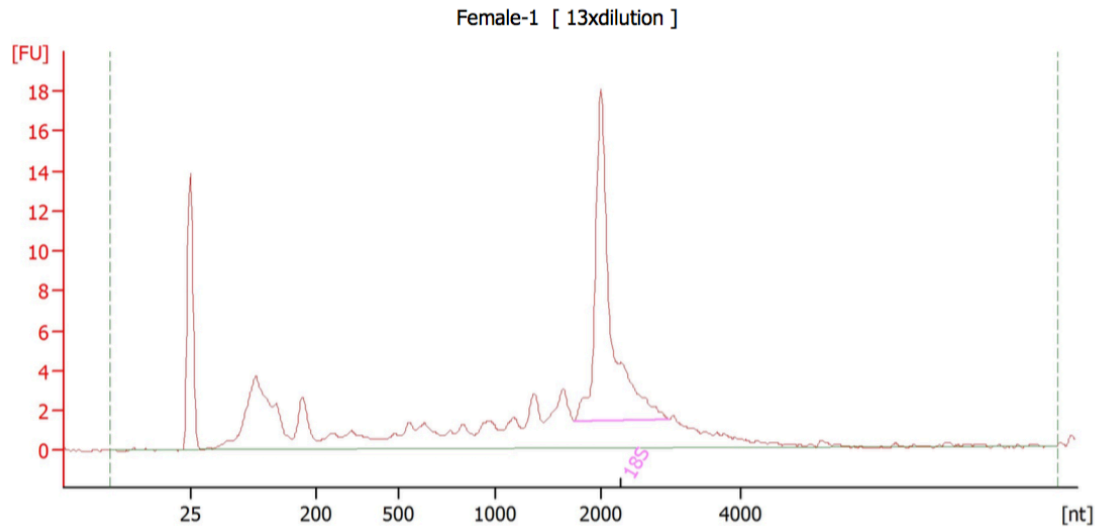
RIN: 7.90

Fragment table for sample 4 : Male-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,718	2,382	71.3	47.4

Female Replicate 1

Electropherogram Summary Continued ...



Overall Results for sample 5 : Female-1

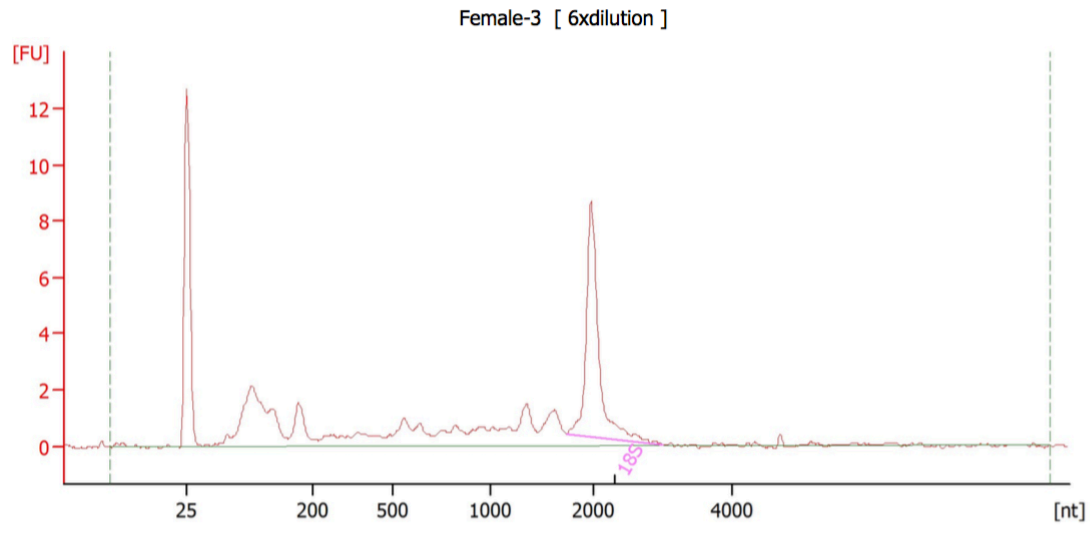
RNA Area:	122.3	RNA Integrity Number (RIN):	7.2 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	97 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 7.20

Fragment table for sample 5 : Female-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,734	2,971	33.8	27.6

Female Replicate 2

Electropherogram Summary Continued ...



Overall Results for sample 7 : Female-3

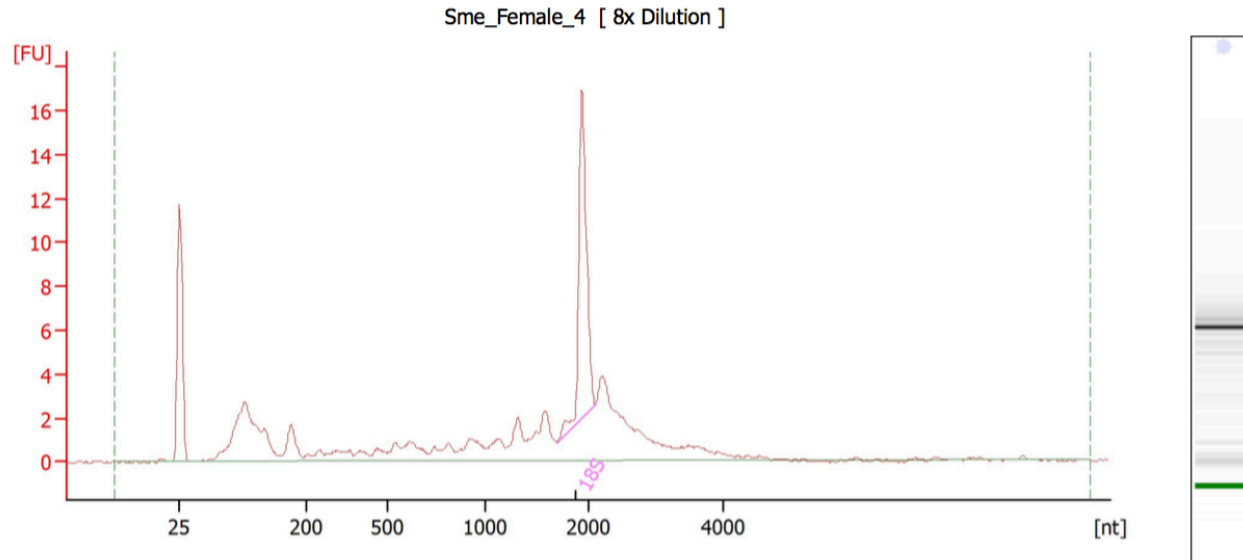
RNA Area:	55.5	RNA Integrity Number (RIN):	7.2 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	44 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 7.20

Fragment table for sample 7 : Female-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,732	3,014	14.0	25.3

Female Replicate 3

Electropherogram Summary Continued ...



Overall Results for sample 12 : Sme_Female_4

RNA Area:	85.2	RNA Integrity Number (RIN):	6.6 (B.02.08)
RNA Concentration:	131 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.60

Fragment table for sample 12 : Sme_Female_4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,692	2,097	15.7	18.5