

Housekeeping gene expression: Supplementary data

We defined the 3'/5' ratio threshold for ACTB calculating mean 3'/5' ratio + s.d. which was 1.77. RNA samples whose 3'/5' ratio > 1.77 were considered as unreliable samples; and samples whose 3'/5' ratio < 1.77 were considered as reliable ones.

Table 2

Description of RNA quality assessment methods on ACTB 3'/5' ratio defined-groups

	RNA sample quality		P
	Unreliable	Reliable	
RIN ; median [range]	7.9 [4.4; 9.6]	8.5 [5.9; 10]	0.03*
28S/18S Ratio ; median [range]	1.5 [1; 1.6]	1.8 [1.1; 2.4]	0.002*
RQS; number of samples (%)			
1	1 (11.15)	0 (0%)	0.008**
2	4 (44.4%)	6 (13.3%)	
3	3 (33.3%)	9 (20%)	
4	1 (11.15)	13 (28.9%)	
5	0 (0%)	17 (37.8%)	
Degradometer; median [range]	9.27 [3; 39.6]	5.47 [1; 24.3]	0.037*

*Wilcoxon non-parametric test; ** Pearson's chi-square test

Table 3

Generalized AUC and scale thresholds determined by ROC analysis

	Generalized AUC	95% confidence interval	Optimal threshold
RQS	0.856	[0.666; 0.953]	≥ 3
RIN	0.735	[0.5; 0.897]	7.6
28S/18S Ratio	0.816	[0.651; 0.919]	1.62
Degradometer	0.735	[0.5; 0.888]	7.5