

Table 2 Comparative experimental design for the effect of different material treatments and precipitant composition on the amount of impurities precipitated during RNA extraction

Sample No.	Material treatment	Agent composition in the second precipitation
A, B	Liquid nitrogen grinding, Acetone washing	0.3 mol/L LiCl, double volume of ethanol
C, D	Liquid nitrogen grinding, Acetone washing	0.3 mol/L KAc, double volume of ethanol
E, F	Liquid nitrogen grinding, Acetone washing	Double volume of ethanol
G, H	Liquid nitrogen grinding	0.3 mol/L LiCl, double volume of ethanol
I, J	Liquid nitrogen grinding	0.3 mol/L KAc, double volume of ethanol
K, L	Liquid nitrogen grinding	Double volume of ethanol