

Table 3 The membership function value of different extraction methods

Extraction method	OD_{260}/OD_{280}	OD_{260}/OD_{230}	RNA yield ($\mu\text{g/g}$)	Mean value	Sort
CTAB-sopropanol method	0.895	0.610	0.187	0.564	4
CTAB-LiCl method	0.968	0.818	0.142	0.642	3
Hot phenol method	0.961	0.834	0.475	0.757	2
Trizol protocol	0.909	0.576	0.185	0.557	5
Tiagen RNA prep pure plant kit	0.953	0.460	0.100	0.504	6
Improved hot phenol method	0.964	0.933	0.396	0.764	1