

Table 2 Total RNA extracted from different tissues of *Polygonatum cyrtoneuma* Hua using different methods

| Extraction method | OD_{260}/OD_{280} mean value | OD_{260}/OD_{230} mean value | Average RNA yield ($\mu\text{g/g}$) |
|-------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| CTAB-sopropanol method | 1.82 | 1.22 ^S | 62.73 |
| CTAB-LiCl method | 2.07 ^{△▲▲} | 1.87 [※] | 50.73 |
| Hot Phenol method | 2.02 | 2.33 ^{*△※※▲} | 139.18 |
| Trizol protocol | 1.82 ^{#※} | 1.24 ^S | 62.13 |
| Tiagen RNAprep pure plant kit | 2.10 ^{△▲▲} | 0.92 ^{#SS▲▲} | 39.48 [▲] |
| Improved hot phenol method | 1.93 ^{#※※} | 1.94 ^{S※※} | 118.37 [※] |

Note: *: compared with CTAB-sopropanol method; #: compared with CTAB-LiCl method; \$: compared with hot phenol method; △: compared with Trizol protocol; ※: compared with Tiagen RNAprep pure plant kit; ▲: compared with improved hot phenol method; Single symbol shows significant difference, $p<0.05$; Two repeating symbols show highly significant difference, $p<0.01$