

表 1 干扰载体正向与反向重复序列的引物序列

Table 1 Interference plasmid with the forward and reverse primers Sequence

| 引物名称 | 引物序列 | 酶切位点 |
|-------------|--|-------------------|
| Primer name | Primers | Restriction sites |
| Fw1 | <u>CGAGCTCCT</u> TGGGATGACAGGAGGAGGT | <i>Sac</i> I |
| Fw2 | <u>CCCATGGGTG</u> CCGATGGAGTAGCATTAGAG | <i>Nco</i> I |
| Fv1 | <u>GCTCTAGACT</u> TGGGATGACAGGAGGAGGT | <i>Xba</i> I |
| Fv2 | <u>CCCTCGAGT</u> GCCGATGGAGTAGCATTAGAG | <i>Xho</i> II |

注: Fw2 和 Fv2 分别表示下游引物; Fw1 和 Fv1 分别表示上游引物; Fw1 和 Fw2 用于棉花硝酸盐高亲和转运蛋基因正向目的片段扩增; Fv1 和 Fv2 用于棉花硝酸盐高亲和转运蛋基因反向目的片段扩增

Note: Fw2 and Fv2 stand for reverse prime; Fw1 and Fv1 stand for forward primer; Fw1 and Fw2 high affinity for cotton nitrate transporter gene and amplification of the forward fragment; Fv1 and Fv2 high affinity for cotton nitrate transporter protein gene fragment amplified by the reverse