

Table 1 Suppl. List of primers used for genome walking and other experiments.

| Primer name        | Primer sequence                      |
|--------------------|--------------------------------------|
| AP1                | 5'-GTAATACGACTCACTATAGGGC-3'         |
| AP2                | 5'-ACTATAGGGCACGCGTGGT-3'            |
| GSP1               | 5'-TGTTAGAGCCTCGCAGAGCGGAGAGAACC-3'  |
| GSP2               | 5'-TTGCGCAGCTGCCGTGTGGAAGAAGGAAGC-3' |
| M13 F              | 5'-GCCAGGGTTTCCCAGTCACGA-3'          |
| M13 R              | 5'-GAGCGGATAACAATTTACACAGG-3'        |
| GUS F              | 5'-CAACGAACTGAACTGGCAGA-3'           |
| GUS R              | 5'-AGAGGTTAAAGCCGACAGCA-3'           |
| $\alpha$ -Tub RT F | 5'-TGCTTTCGTTCACTGGTATGT-3'          |
| $\alpha$ -Tub RT R | 5'-CAGCACCGACCTCTTCATAATC-3'         |
| Glu q-RT F         | 5'-GAGAGACATCCGTTTGGACTATG-3'        |
| Glu q-RT R         | 5'-CGTGGAAGAGGTTTCGGTATG-3'          |

Table 2 Suppl. Putative *cis*-acting regulatory elements identified in the BjPR2 promoter by *PlantCare* and *PLACE* databases.

| Cis-regulatoryelement | Motif  | Symbols                                                                             | Copies | Position from ATG                                                     | Putative function                                                 | Database          |
|-----------------------|--------|-------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------|-------------------------------------------------------------------|-------------------|
| TATABOX2              | TTATA  |    | 2      | -28, -82                                                              | core promoter element around -30 of transcription start           | <i>Plant Care</i> |
| WBOXNTERF3            | TGACT  |    | 3      | -108,-129 and -873                                                    | wound responsive                                                  | <i>PLACE</i>      |
| CAAT BOX              | CAAT   |   | 8      | -432,-512,-747,-1182,-1188,1426,-1703,-1774                           | transcription efficiency                                          | <i>PLACE</i>      |
| MeJA Motif            | TGACG  |  | 2      | -137and-1202                                                          | required for JA responsiveness                                    | <i>Plant Care</i> |
| GATABOX               | GATA   |  | 9      | -142,-190,-1058,1106,-1191,1420,-1445,1714,-1719                      | required for high level and tissue specific expression            | <i>PLACE</i>      |
| POLLEN1LELAT52 motifs | AGAAA  |  | 12     | -233,-552,-647,-904,-928,-1242,-1269,1383,-1395,-1482, 1758 and -1784 | required for pollen expression                                    | <i>PLACE</i>      |
| TC-rich repeats       | ATTTTC |  | 2      | -298 and -481                                                         | required for defense response                                     | <i>Plant Care</i> |
| GT1GMSCAM4            | GAAAAA |  | 3      | -621,-646 and -1394                                                   | plays a role in pathogen- and salt-induced SCaM-4 gene expression | <i>PLACE</i>      |
| TGACGTVMAMY motif     | TGACGT |  | 1      | -1198                                                                 | required for auxin response                                       | <i>PLACE</i>      |
| WBOXATNPR-1           | TTGAC  |  | 3      | -109,-874 and -948                                                    | required for SA response                                          | <i>PLACE</i>      |