Table S2. Primers used for cloning, ChIP and RT-qPCR assay

| Gene/allele | AGI          | Use        | Direction | Sequence                                    |
|-------------|--------------|------------|-----------|--------------------------------------------|
| GRX9        | AT1G28480    | RT-qPCR    | Forward   | 5' - CACTCAAGTCCAAGAAGCAG - 3'              |
|             |              |            | Reverse   | 5' - AGAGAGTTCCGATGTTGGTG - 3'             |
| YLS8        | AT5G08290    | RT-qPCR    | Forward   | 5' - TTACTGTITCCTGTTGCTCCATTT - 3'         |
|             |              |            | Reverse   | 5' - CACTGAATCAGTGCAGAAGCAAGT - 3'         |
| PR-1        | AT2G14610    | RT-qPCR    | Forward   | 5' - ACACGTCATGGAGTTTGTGG - 3'             |
|             |              |            | Reverse   | 5' - TTGCACATCGGTCACTTCGACT - 3'           |
| CHS         | AT5G13930    | RT-qPCR    | Forward   | 5' - TTCCGCATCCACCAAGTGAAAC - 3'           |
|             |              |            | Reverse   | 5' - CGCACATGCGCTTGACTCCTC - 3'            |
| GSTU7       | AT2G29420    | ChIP       | Forward   | 5' - TCTTGGAGTGCGAGCTTCCCAAAGT - 3'        |
|             |              |            | Reverse   | 5' - ACTGCCCCACATTCCCAAGAGT - 3'           |
|             | AT2G29420    | RT-qPCR    | Forward   | 5' - TGTCAGGGCGAGTAAAGTTGCT - 3'           |
|             |              |            | Reverse   | 5' - AACCTCTTCGTCCATTCAAGCACAG - 3'        |
| GSTU8       | AT3G09270    | ChIP       | Forward   | 5' - CACCATGGCGAGGAGATCTAACATTCA - 3'      |
|             |              |            | Reverse   | 5' - AGCAGATTTGATATTGAGTGC - 3'            |
|             | AT3G09270    | RT-qPCR    | Forward   | 5' - TCGTACCTTCACCACGCGTTCTT - 3'         |
|             |              |            | Reverse   | 5' - GCCGTATTCCAGTCGTCGCTCTCC - 3'         |
| GSTU25      | AT1G17180    | ChIP       | Forward   | 5' - CACGACCTTCCAACCACCTACC - 3'          |
|             |              |            | Reverse   | 5' - TCCCTGGTGTGGTCTTCC - 3'              |
|             | AT1G17180    | RT-qPCR    | Forward   | 5' - GCAGGTCATGAGCAGTCCACACC - 3'         |
|             |              |            | Reverse   | 5' - CTGGCCATGCTTCGTCGCTCTCC - 3'         |
| ACT2        | AT3G18780    | ChIP       | Forward   | 5' - CACGATGGTACACTGGAGAGGAG - 3'         |
|             |              |            | Reverse   | 5' - CTTGCAAGCAAGCAGATGAA - 3'            |
| TGA2        | AT5G06950    | Cloning    | Forward   | 5' - caccATGGCTGTACACCAGTCC - 3'          |
|             |              |            | Reverse   | 5' - CTCTGGTGGCAGGAAG - 3'                |