**Table S2** The gene primers applied in yeast two-hybrid experiments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Genes | AGI number | NCBI accession | Forward primers (5ʹ-3ʹ) | Reverse primers (5ʹ-3ʹ) |
| GhPYR1-1A  GhPYR1-1D  GhPYR1-2A  GhPYR1-2D  GhPYR1-3A  GhPYL2-1A  GhPYL2-2A  GhPYL2-2D  GhPYL2-3D  GhPYL4-1A  GhPYL4-2A  GhPYL4-2D  GhPYL4-3A  GhPYL6-1D  GhPYL6-2A  GhPYL6-2D  GhPYL9-1A  GhPYL9-2A  GhPYL9-3D  GhPYL9-4D  GhPYL9-5D  GhPYL9-6A  GhPYL9-6D  GhPYL9-7D  GhPYL11A  GhABI1A  GhABI1D | Gh\_A03G0015  Gh\_D03G1860  Gh\_A11G0270  Gh\_D11G0290  Gh\_A12G1895  Gh\_A05G0336  Gh\_A08G2221  Gh\_D08G2587  Gh\_D07G0193  Gh\_A01G1990  Gh\_A09G2421  Gh\_D01G2250  Gh\_A05G2630  Gh\_D10G2388  Gh\_A06G1418  Gh\_D06G1764  Gh\_A08G1117  Gh\_A11G0870  Gh\_D04G0019  Gh\_D11G0238  Gh\_D12G2306  Gh\_A09G1646  Gh\_D09G1740  Gh\_D12G2694  Gh\_A05G1297  Gh\_A07G0123  Gh\_D07G2383 | Pr032826519  Pr032826520  Pr032826521  Pr032826522  Pr032826523  Pr032826500  Pr032826501  Pr032826502  Pr032826503  Pr032826504  Pr032826505  Pr032826506  Pr032826507  Pr032826508  Pr032826509  Pr032826510  Pr032826511  Pr032826512  Pr032826513  Pr032826514  Pr032826515  Pr032826516  Pr032826517  Pr032826518  Pr032826499  Pr032826497  Pr032826498 | CCGGAATTCATGGCTGAACCAGAATCC  CCGGAATTCATGGCTGAACCAGAATCC  CCGGAATTCATGGCAGACCCGAAACCC  CCGGAATTCATGGCAGACCCGAAACCC  CCGGAATTCATGGCAGTCTCAAAACCCGC  CCGGAATTCATGGATAACTCAAGCGAGCAA  CCGGAATTCATGGACTCAGCGGAGCCAC  CCGGAATTCATGGACTCAGCGGAGCCAC  CGCGGATCCATGGACTCGGACCTAACCC  CCGGAATTCATGCCAGTCCCAGACGCC  CCGGAATTCATGCATGCCAATCCTCCAAA  CCGGAATTCATGCATGCCAATCCTCCAAA  CCGGAATTCATGCCTTCCTCACTGAAGCTCCAT  CCGGAATTCATGCCTTCCCCTTTGCAACT  CCGGAATTCATGCCTTCCTCTTTGCAGC  CCGGAATTCATGCCTTCCTCTTTGCAGC  CCGGAATTCATGAACGGTGATGATGCTCAC  CCGGAATTCATGAACGGTGGTGATGCTTA  CCGGAATTCATGAATGGGAATAGCAATGGA  CCGGAATTCATGGTGACCAATAATTATATCACCA  CCGGAATTCATGGTGACCAATGATTATATCACCATG  CCGGAATTCATGAACGTGAGTAGCAGTGC  CCGGAATTCATGAACGTGAGTAGCAGTGC  CCGGAATTCATGAATGGGCATAGCAACGGAT  CCGGAATTCATGAAGCTTCAACGCCATCCC  CCGGAATTCATGATGGAAGAAGTATCTGGT  CCGGAATTCATGATGGAAGAAGTATCTGGT | CGCGGATCCCATCACCTGTGATTTATTACA  CGCGGATCCCATCACCTGTGATTTATTACA  CGCGGATCCCATCACCTGTGGTTTATTACCG  CGCGGATCCCATCACCTGTGGTTTATTACCG  CGCGGATCCTGAATTATTACCGTCATTATCA  CGCGGATCCATCATGTCTCGGTTCATGAAG  CGCGGATCCATCATGTCCATGAACTGAACC  CGCGGATCCATCATGTCCATGAACTGAACC  GACGTCGACATCATGCCCATGAAAAGAACC  CGCGGATCCTTTCCGGCTTGCTAGATT  CGCGGATCCTTTGCGCCTGGAGAGATTCT  CGCGGATCCTTTGCGCCTGGAGAGATTCT  CGCGGATCCTTCTGTTCTAGCCATATTTTCTGC  CGCGGATCCTGGGGATGATGAATATTTTT  CGCGGATCCGGGAGATGATGACAATGAT  CGCGGATCCGGGAGATGATGACAATGAT  CGCGGATCCGTATCGGTTGATAGGCTGTGT  CGCGGATCCGTATCCGTTGATAGGCTCTG  CGCGGATCCAAGATCAATGGGTTCTGTC  CGCGGATCCCATTCTTTCGATCGGCTC  CGCGGATCCCATTCTTTTGATTGGCTCGGT  CGCGGATCCTCTTTCAGCTCCCAACTT  CGCGGATCCTCTTTCAGCTCCCAACTT  CGCGGATCCTAGATCAATGGGTTCAGTCCGG  CGCGGATCCAGTTACACCAATTATCATATTGGC  GCGGAGCTCTGTTTTCTTCTTAAATTTTCTCT  GCGGAGCTCTGTTTTCTTCTTAAATTTTCTCT |