|  |  |
| --- | --- |
| Gene name | Primer sequence |
| *ASCL1* | F: AATATACGAACAGCGCCATCG |
| R: CATCAAACTCCCCGATGTCAC |
| *TPN1* | F: AATATACGAACAGCGCCATCG |
| R: TTCTTCCTGACCACCTTC |
| *PAL1* | F: CACTGTAGATGCTGATGAC |
| R: GTCGGATATGAGCGGTAG |
| *MUG72* | F: GTCGGATATGAGCGGTAG |
| R: CAAAACGCCAACATTCCGATG |
| *GMT1* | F: ATTCGCTTTGATGGTGCTCAG |
| R: ATCAATGCTCTTCAAGTCGGC |
| *MBP1* | F: AGTCCTAGTTACCTTGACCG |
| R: CGGTGTTTAAGTGCTAGATAGG |

**Table S1.** Specific primers design for hub genes