

S2 Table. Primers used for cloning of the nine superhub genes.

Superhub	Poplar Gene ID (v 3.0)	Primer name and sequence (5'→3')
Zinc Finger CCCH Domain Containing66/Pt aCCCH66	Potri.001G252600	fPEG1;GGGACAAGTTTGTACAAAAAAGCAGGCTATGTG CAGTGGTAC rPEG1;GGGGACCACTTTGTACAAGAAAGCTGGGTTTCT AAGCCACTAATGG
High mobility group (HMG1/2) family/PtaHMG	Potri.003G138000	fPEG2;GGGACAAGTTTGTACAAAAAAGCAGGCTATGG CAGATACCGCT rPEG2;GGGGACCACTTTGTACAAGAAAGCTGGGTTTCT ACTGCTGTTGTTTGTGTC
NUCLEAR RECEPTOR CO- REPRESSOR RELATED 1/PtaNCOR1	Potri.010G220000	fPEG3;GGGACAAGTTTGTACAAAAAAGCAGGCTATGCC GCCAGAGCCATTGC rPEG3;GGGGACCACTTTGTACAAGAAAGCTGGGTTCTA CCTGCCTATGTCC
Myb-like transcriptional regulator family /PtaMYBL	Potri.016G001100	fPEG5;GGGGACAAGTTTGTACAAAAAAGCAGGCTATG GATCTGGATTGTGAAGC rPEG5;GGGGACCACTTTGTACAAGAAAGCTGGGTCTAA AGGTCAGTGCCTAAGA
JASMONATE- ZIM-DOMAIN 3/PtaJAZ3	Potri.010G108200	fPEG4;GGGACAAGTTTGTACAAAAAAGCAGGCTATGG AAAGAGATTTTTTGGG rPEG4;GGGGACCACTTTGTACAAGAAAGCTGGGTTTAG TAGGGTTCGGGGTTGG
PtabZIP61	Potri.019G091900	fPEG6;GGGGACAAGTTTGTACAAAAAAGCAGGCTATG AGGAGAGGTCAGAAGTG rPEG6;GGGGACCACTTTGTACAAGAAAGCTGGGTTTAT TGGGGTTTGCCATCAT
RELATED TO AP2.6/PtaRAP2. 6	Potri.001G067600	fPEG7;GGGACAAGTTTGTACAAAAAAGCAGGCTATGTC TTCTATGGTTTCAGC rPEG7;GGGGACCACTTTGTACAAGAAAGCTGGGTTTAC TCGCTAGGATTACTGG
zinc finger (C3HC4-type) RING finger family	Potri.008G134900	fPEG8;GGGGACAAGTTTGTACAAAAAAGCAGGCTATG GAGAAGGACATGGAAGG rPEG8;GGGGACCACTTTGTACAAGAAAGCTGGGTTCAA TATGCAGGCCAGTAGT

/PtaC3HC4L		
NAC Domain Containing 028/PtaNAC028	Potri.017G086200	fPEG9;GGGGACAAGTTTGTACAAAAAAGCAGGCTATGT CATCCGAAAATGATTC rPEG9;GGGGACCACTTTGTACAAGAAAGCTGGGTTCAT ACCTGTTCAATTCCT