

Supplementary Materials

Table S1 List of the primers used for the qRT-PCR experiment

gene name	Forward primer	Reverse primer
<i>CmUBI</i>	AGCTGAGCAGACTCCCGATG	AGGCGAATCATCAGTACCAAGT
<i>HEMA1</i>	ACTAGAAACCGTTCCTACAATCC	AAGTCCTGTCATCACTTCCGTC
<i>HEMA2</i>	AGGTCACCGAATGGATGTCTAAGG	CCGCCAATCTTCCTATCAAATCC
<i>GSA1</i>	ATGTATGGGTGTACTGAGGCTAG	AATGTCATTATAGGGTGATGTTAGG
<i>HEMB1</i>	ATTCGGCTGCTCAAAGACAAGTATC	TCTAGGGCTCACGACATCTGC
<i>HEMC1</i>	ACTCAACCTCTTGCAGATATTGGTG	TTGTCAGGCAGATAAGTTGGGAC
<i>HEMD1</i>	ATCCACTGTTTTGTATCCTGCCTC	GGTAGAAGATTGACCCAAGCACG
<i>HEMF1</i>	CCAGGAGCACCAAGGCAGTG	CTCGCCTCTCATTTTCGGTGC
<i>HEMG1</i>	TGAGAAAGATGGGTATTTGTGGGAG	GGTCAAAGAAAGGTATATCAGAAGG
<i>CHLD1</i>	ATTGTTGAAAGGGAAGGAATCAG	CCTCATTACTCTGTTCTTGAAACTGTG
<i>CHLH1</i>	GACTAACCTTGTCTGGGAGTCTAAGG	CACCCTCATAGCCACTAGACAGC
<i>CHLI1</i>	TTACAGTGGTTGCTGCCGACC	ATGCTTTAACACCCCTCTGTGAGTGC
<i>CHLM1</i>	CTTGAACGGGAAATACGATACGG	GATCATAATAGAATGTCTTGGGTGC
<i>CRD1</i>	TTGAGAACTGGTGCCAAGACG	GAAAGCGGTTCTTTGAGTATCATTC
<i>DVR1</i>	AATTTGAGGGTGAGTTGGTTG	CATCGCCAAACATCACATAAG
<i>PORA1</i>	AATGCAAGAGTTCCATAGACGATAC	AAGCTTGAATCACTTACTACCTGTG
<i>CHLG1</i>	TGGAACCCTTACACCTGACATAG	TGCCAATGCGTAATATGGTTTAC
<i>CAO1</i>	ATCCCTTCACTACTACCACCTCC	ATCCCAGTATCCTTGAAGACCAG
<i>NYC1</i>	TCAGGGGATCGAGTGTTATTG	CACAAACATCACATGACGTGCC
<i>NYC2</i>	TGATTTGATTTGGTATAGTTGGGTC	CCTGAAAGTAGGAACTCACGAGC
<i>NYC3</i>	TTTGATTTGGTATAGTTGGGTCG	TAACCACACGATCTCCTGAAAGTAG
<i>CLH1</i>	CTAAAGGGATTAGAGGGAAATCTAC	TCATCTTTTATTGCCATTAAATGAC
<i>PPH1</i>	ACTTCGCAGCATGTAACCCTAAC	CATCTTCTCCCAAACAATTTCTATG
<i>PAO1</i>	GGGCATCTGCAATGTTCTTACC	CCATACAAAGAGCAAACCTTGAGAC
<i>PAO2</i>	ATGGCACGAACATATGACTTCAAAC	TAAGCCAATTTCTAAACGCCAGTAC
<i>RCCR1</i>	TTGTAGTCTTCCACCTGATGTCC	ACTTGTGATGTTCAAGGCTCCTC
<i>SGR1</i>	GTCGCTTCACGTTCAATTGTCA	GGACCCCAACACTCGACTTT
<i>CmERF</i>	CGTATCTGGCTAGGTTCTTACTCCTC	AGGGCGTCAACTTTAGCTCCAA
<i>CmbHLH</i>	TCGCTGGTTCTGCTTATTTTCA	TTAAATTGCTTCCTTCCTACGC
<i>CmCLO16a</i>	CGTGCTCGGTGGTATTGT	CTGGCTTCATCACTTCCTATCT
<i>CmCOL16b</i>	TCGGTTATGATTCCACGATGA	AGGATTGCTATTCCCAGTCCA

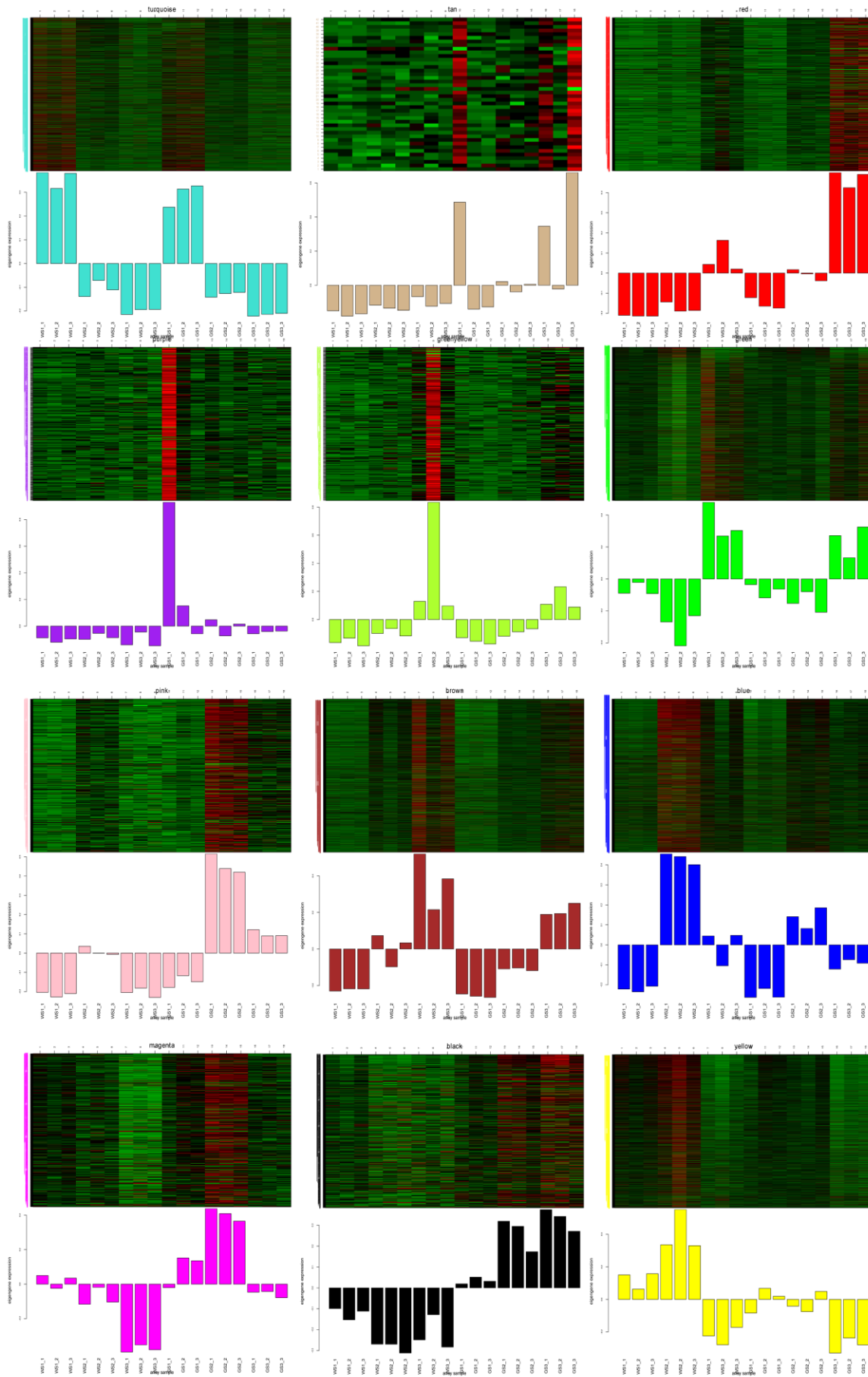


Figure S4 Expression pattern of eigengenes in 12 modules.

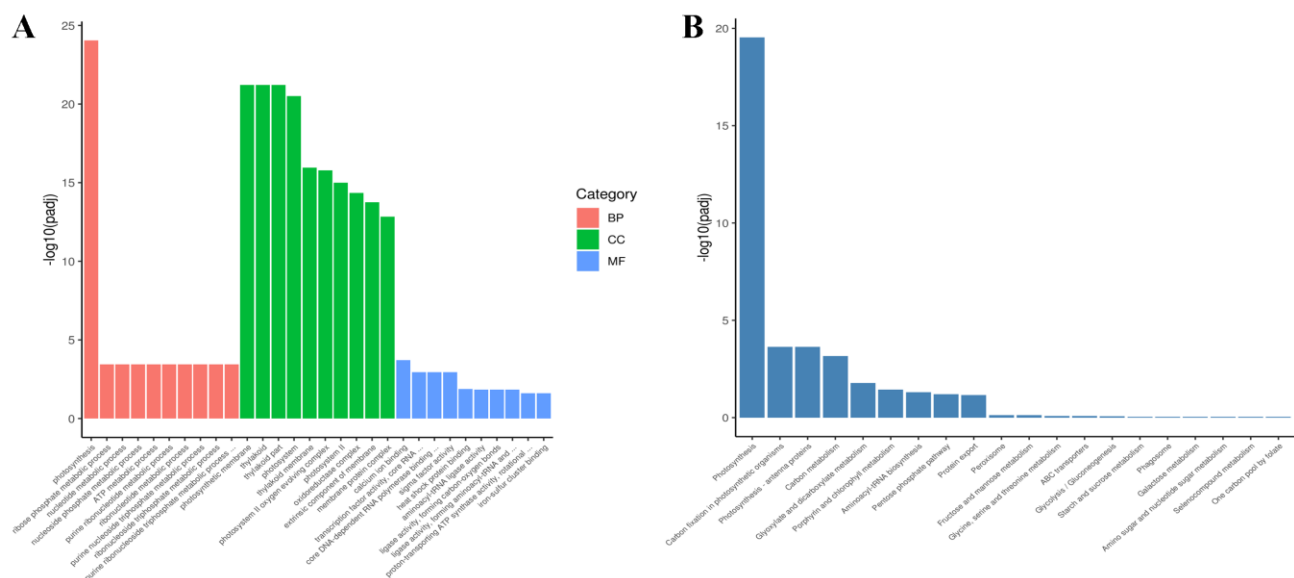


Figure S5 Functional classification of genes in black module. **(A)** GO functional classification of genes in black module. **(B)** KEGG functional classification of genes in black module

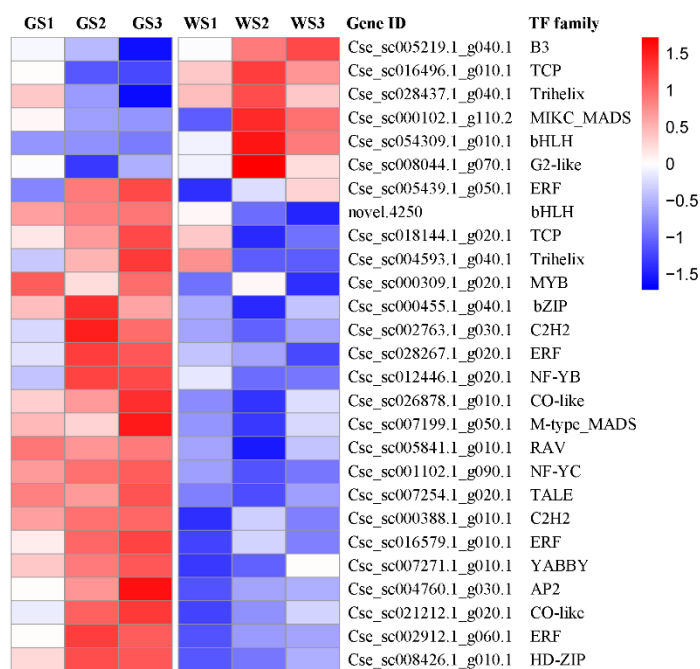


Figure S6 Heatmap of transcription factors in black module.