



**Figure S1:** Gene number of each TF family.

**Table S1.** Primer sequences used for qRT-PCR.

Number	Gene name	Primer sequence
1	<i>Af0006119</i>	F:TCATAGCCGGAGTTCTTGCC R:CCACAGTTCTGAGCATTTACGC
2	<i>Af0006650</i>	F:TGGAAGGGTCCTAAAGTGGC R:CGTCCTCCTCAAAGTGCTCAA
3	<i>Af0005512</i>	F:TGGACGGGCTGGGTAAAGT R:TCGCCATATTCGCTAGGGTT
4	<i>Af0022301</i>	F:CTGTTCTTGTCTCGCAATCTC R:CATGACTTCCATTTGCAGCCT
5	<i>Af0023447</i>	F:CTCGTGAAGGAACCGAAAACTA R:CTTTGGGACAACACTCAACACC
6	<i>Af0034384</i>	F:GAAGTTATTCGGCGTGCCA R:TTTACCGCTTGAGGACCACC
7	<i>Af0051627</i>	F:CTTTGCTTTTGGATTTCCTG R:GACCGTCTCAAGTTTTCTGTGC
8	<i>Af0052541</i>	F:GTGCGGTCTTACTCGTGAGCT R:TCTTGGAGTCAGCAGCCATAAC
9	<i>Af0033232</i>	F:TGATGTCTGGGATGGAGTTGG R:CACGATGAAGAAGGCTGAGGA
10	<i>Af0011479</i>	F:GCTGAGACACCCCAACATTTC R:GCCAAACTCGACCATTAGGAA
11	<i>Af0049421</i>	F:TTTACAAGGGAAGCCATAACCA R:CGATGCCCCGATCAAAGTCA
12	<i>Af0010511</i>	F:GATTCCAAGTGGCACGGTCT R:ATCTGCGGCATTGCTTCC
13	<i>AW0009192</i>	F:CACAGCAGTGCCCAAATCA R:ACTTTGAACCTCCTCATCCACC
14	<i>Af0011859</i>	F:TGGAGGAGACTATTGCGATGTG R:CAGGCTTATTTCCAGCACCC

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15	<i>Af0021857</i>	F:CTTCGCTGGCACTATTTCGC R:TGTGGAGGAGACACCCGTTT
16	<i>Af0015911</i>	F:TCGGTTCGATGCAGTTCCA R:TTGTTGCGGAGGTTGTGGTA
17	<i>TUB</i>	F:CTCGCTAACCCGCCTAAACA R:ATGTCAAGTCCAGCGTGTGT

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**Table S2.** Principal component analysis of the three developmental stages of *A. fabri* leaf color

Comparable group	Var ID	VIP
S1 versus S2	Carotenoid	1.0028
	Anthocyanin	1.00151
	Chlorophyll	0.995674
S2 versus S3	Anthocyanin	1.00992
	Chlorophyll	0.995736
	Carotenoid	0.994274

S1: red leaf; S2: red and green leaf; S3: green leaf.

**Table S3.** The gene ID and descriptions of selected genes.

Number	Gene ID	Descriptions
1	Af0034384	TXG70870.1 hypothetical protein EZV62_005805 (HSFB2A)
2	Af0051627	TXG68515.1 hypothetical protein EZV62_003450(NMT1)
3	Af0052541	GAY66185.1 hypothetical protein CUMW_246740(THY-1)
4	Af0010511	TXG71357.1 hypothetical protein EZV62_006292 (NAC100)
5	Af0033232	TXG54913.1 hypothetical protein EZV62_020169(NAC83)
6	Af0049421	TXG69628.1 hypothetical protein EZV62_004563 (WRKY24)