

1 **Table 1** Candidate genes related to anthocyanin biosynthesis in flowers of *Salvia miltiorrhiza*

2 **Table 2** Transcription factors of anthocyanin biosynthesis in flowers of *Salvia miltiorrhiza*

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5 **Table 1** Candidate genes related to anthocyanin biosynthesis in flowers of *Salvia miltiorrhiza*

Gene	Enzyme	No. All ^a	No. Up ^b	No. Down ^c
CHS	Chalcone synthase	9	7	0
CHI	Chalcone isomerase	11	1	0
F3H	Flavonone 3-hydroxylase	32	3	0
F3'H	Flavonoid 3'-monooxygenase	15	1	0
F3'5'H	Flavonoid 3',5'-hydroxylase	4	1	0
FNS II	Flavone synthase II	1	1	0
DFR	Dihydroflavonol 4-reductase	5	3	0
ANS	Anthocyanidin synthase	7	0	2
UAGT	Anthocyanidin 3-O-glucosyltransferase	15	2	0
UGT75	Anthocyanidin 3-O-glucoside 5-O-glucosyltransferase	1	0	0

6 No. All^a, the total number of genes

7 No. Up^b, the number of upregulated genes

8 No. Down^c, the number of downregulated genes

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11 **Table 2** Transcription factors of anthocyanin biosynthesis in flowers of *Salvia miltiorrhiza*

Gene	Enzyme	No. All ^a DEGs	No. Up ^b DEGs	No. Down ^c DEGs
MYB	MYB TF	14	10	4
bHLH	Basic helix-loop-helix protein	9	6	3
WD40	WD40 repeat protein	1	0	1
AP2/ERF	Ethylene-responsive TF	33	30	3
WRKY	WRKY DNA-binding protein	4	4	0
MADs	MADS-box TFs	5	4	1
NAC	NAC domain containing protein	4	2	2
Zinc-finger	Zinc finger protein	12	10	2

12 No. All^a DEGs, the total number of DEGs

13 No. Up^b DEGs, the number of upregulated DEGs

14 No. Down^c DEGs, the number of downregulated DEGs