Table S1. TF IDs and common names of the TCP transcription factors used in the phylogentic analyses.

TF ID	Common name
M.alba_G0010963	MaTCP2
M.alba_G0019145	MaTCP4-1
M.alba_G0002273	MaTCP4-2
M.alba_G0018610	MaTCP5
M.alba_G0008688	MaTCP7
M.alba_G0015857	MaTCP8
M.alba_G0005407	MaTCP9-1
M.alba_G0015368	MaTCP9-2
M.alba_G0010736	MaTCP10
M.alba_G0007510	MaTCP12
M.alba_G0001832	MaTCP13
M.alba_G0018434	MaTCP14
M.alba_G0003268	MaTCP19
M.alba_G0006782	MaTCP20-1
M.alba_G0001316	MaTCP20-2
CCG000586.1	PeuTCP1
CCG001135.1	PeuTCP2
CCG002481.1	PeuTCP3
CCG002729.1	PeuTCP4
CCG003334.1	PeuTCP5
CCG005156.1	PeuTCP6
CCG006044.1	PeuTCP7
CCG006216.1	PeuTCP8
CCG007195.1	PeuTCP9
CCG007701.1	PeuTCP10
CCG007964.1	PeuTCP11
CCG009717.1	PeuTCP12
CCG010631.1	PeuTCP13
CCG011685.1	PeuTCP14
CCG012390.1	PeuTCP15
CCG012899.1	PeuTCP16
CCG013012.1	PeuTCP17
CCG015462.1	PeuTCP18
CCG018013.1	PeuTCP19
CCG018118.1	PeuTCP20
CCG019123.2	PeuTCP21
CCG020734.1	PeuTCP22
CCG021224.1	PeuTCP23
CCG023727.1	PeuTCP24
CCG024429.1	PeuTCP25
CCG025130.1	PeuTCP26

CCG026334.1	PeuTCP27
CCG026357.1	PeuTCP28
CCG026590.1	PeuTCP29
CCG026656.1	PeuTCP30
CCG028420.1	PeuTCP31
CCG031555.1	PeuTCP32
CCG032104.1	PeuTCP33
AT1G67260.1	AtTCP1
AT4G18390.1	AtTCP2
AT1G53230.1	AtTCP3
AT3G15030.1	AtTCP4
AT5G60970.1	AtTCP5
AT5G41030.1	AtTCP6
AT5G23280.1	AtTCP7
AT1G58100.1	AtTCP8
AT2G45680.1	AtTCP9
AT2G31070.1	AtTCP10
AT2G37000.1	AtTCP11
AT1G68800.1	AtTCP12
AT3G02150.2	AtTCP13
AT3G47620.1	AtTCP14
AT1G69690.1	AtTCP15
AT3G45150.1	AtTCP16
AT5G08070.1	AtTCP17
AT3G18550.1	AtTCP18
AT5G51910.1	AtTCP19
AT3G27010.1	AtTCP20
AT5G08330.1	AtTCP21
AT1G72010.1	AtTCP22
AT1G35560.1	AtTCP23
AT1G30210.1	AtTCP24

Table S2. List of primers used in the RT-qPCR analyses of *MaTCP* genes.

Gene Name	F-primer	R-primer
MaTCP2	TGCCACCTCAGTTCTCGTTC	GGACTGAAGGGTCCCCCTAT
MaTCP4-1	TTCAGTCCAGTAACACGCCC	TGATCGGCAATCGACGACAT
MaTCP4-2	CGACGCCGTTTAGCAATCAG	GGAAGACGAGTGCTGGTGAA
MaTCP5	GAAAAGGATTTCCCGGCAGC	GTTTCGAAATCCCGCCGATG
MaTCP7	CACTTCGGGCAAGTCTGGAG	TCCGGGAAGGTAATTCCCCA
MaTCP8	GTGTTTCAGCTGACGAGGGA	TGTGGAGAAATTCGCCGGAA
MaTCP9-1	AAGACCGACACACGAAGGTC	ACTTGTGGCCCAGTTCTCTG
MaTCP9-2	TCGAGATCAAAAGACCGCCA	GCATGCTCTAGGAGCCACTC
MaTCP10	TGATGTCCAAGATCGCCTCG	TTTTGAGCGGGCAATTCAGC
MaTCP12	ACAGGCACAGCAAGATCTCC	TCGACTTCGTGATCAGCCAC
MaTCP13	AGGATCCGAGGATTGTTCGC	AATCCACGACTTTGCTCGGT
MaTCP14	CTTTGCTTTAATGCCAAGTCAG	GTATGGGTTTAGTGCGGTCAG
MaTCP19	ATTTCGTCTCGGCTTTGCAG	CCCTCAACATCTGAGTAGCAC
MaTCP20-1	GTGGTTGTTACAGCAAGCCG	CCCACTCATGACTGCCCAAT
MaTCP20-2	GGTGGTCCTTCACCACACAT	GGGTCAGAGCCTGAGTGTTC

Table S3. The length of mulberry seedling roots at five developmental periods.

	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
G-21	8.34	8.61	8.71	9.05	9.72	10.19	11.12	12.23	12.55	13.05
G-28	10.92	11.24	11.59	11.70	12.49	12.53	12.58	12.71	13.12	13.46
G-35	18.53	19.03	19.22	20.52	20.74	21.65	21.74	22.03	22.08	22.75
G-42	28.63	29.09	30.62	31.02	32.15	32.61	33.17	34.24	36.47	37.50
G-49	29.13	30.06	31.49	32.26	34.22	34.43	34.61	35.77	37.42	46.75

G-21, G-28, G-35, G-42 and G-45 represent days of 21, 28, 35, 42 and 49 after germinating of mulberry seedlings, respectively. Roots from 10 individuals for each period were collected. The unit of measurement is centimeter (cm).