

Supplemental Table 1 List of clones used in this study.

Clone name	AGI code	Gene name	Primer name	Primer sequences for CDS cDNA cloning	Amplicon size (bp)
DOF1	At3g55370	AtDof3.6	3.6F	CACCATGGTGGAACGTGCTCGGATCGCAA	799
			3.6R	TTAGAATGAGAGATGGCCTGTTGAGTTGT	
DOF2	At1g29160	AtDof1.5	1.5F	CACCATGGCGACCCAAGATTCTCAA	532
			1.5R	TTAACAAGATTGACCATCGGTGTA	
DOF3	At4g00940	AtDof4.1	4.1F	CACCATGGACCATCATCAGTATCATCATC	889
			4.1R	TCACCATGTTGGTCCACCACTATCACCAC	
DOF4	At4g21080	AtDof4.5	4.5F	CACCATGGATAACTTGAATGTTTTCGC	754
			4.5R	TCAAGGACCATCCTTCTCCAGATGACAAG	
DOF5	At2g37590	AtDof2.4	2.4F	CACCATGGTTTTCTCCTCCATCCAAGCCT	997
			2.4R	TCAACGAGAAGAGCCGAAAGCAGAAAGAT	
DOF6	At1g28310	AtDof1.4	1.4F2	CACCATGTTTGGCAATTGTGACCAGAACAAGAAGATGCC	1012
			1.4R	TTATATCAAAGAGGTGAGGGAGGATC	
DOF7	At1g51700	AtDof1.7	1.7F	CACCATGCAGGATCTGACGT	589
			1.7R2	TCAATTCTTCTCCATTCTGTTTCATAGCT	
DOF8	At1g69570	AtDof1.1	1.10F2	CACCATGTCTAAATCTAGAGATACGGAGATAAAGTTG	1204
			1.10R	TTATTGTTGCATGCTCTCCCTGAAGTTCA	
DOF9	At3g45610	AtDof3.2	3.2F	CACCATGGATTATTCTTCGATGCATCAGAATGTG	742
			3.2R2	CTACAATAAAGCACCAAGTATTAATGT	
DOF10	At3g50410	AtDof3.4	3.4F	CACCATGCCGACGTCTGACTCCGGTGAA	766
			3.4R	TCATTTGAGTGAGTTTCCCGGAGTTGTG	

Supplemental Table 2 List of primers used for expression check.

Clone name	Primer name	Primer sequence	Amplicon size (bp)
DOF1	3.6-490F	CCTCCATCACACAAGCTCA	304
	3.6R	TTAGAATGAGAGATGGCCTGTTGAGTTGT	
DOF2	1.5F	CACCATGGCGACCCAAGATTCTCAA	532
	1.5R	TTAACAAGATTGACCATCGGTGTA	
DOF3	4.1-510F	CTCCCCTATGCAAGACAAGC	376
	4.1R	TCACCATGTTGGTCCACCACTATCACCAC	
DOF4	4.5-430F	TTGCATCCAACCTCGAACTGT	321
	4.5R	TCAAGGACCATCCTTCTCCAGATGACAAG	
DOF5	2.4-530F	CCCACTATGGAGGAAACCAA	464
	2.4R	TCAACGAGAAGAGCCGAAAGCAGAAAGAT	
DOF6	1.4-490F	CCAAGCCGTTTCAGTGATTC	519
	1.4R	TTATATCAAAGAGGTGAGGGAGGATC	
DOF7	1.7F	CACCATGCAGGATCTGACGT	589
	1.7R2	TCAATTCTTCTCCATTCTGTTCATAGCT	
DOF8	1.10-520F	TGCAAGTCACTTCTGAGGATT	620
	1.10R	TTATTGTTGCATGCTCTCCCTGAAGTTCA	
DOF9	3.2-525F	GATGGAGAACACGGGGTATG	214
	3.2R2	CTACAATAAAGCACCAAGTATTAATGT	
DOF10	3.4-479F	ATGGATCCGGTTCGGTTATT	284
	3.4R	TCATTTGAGTGAGTTTCCCGGAGTTGTG	
Tubulin	b-tubulinFW	CGTGGATCACAGCAATACAGAGCC	517
	b-tubulinRV	CCTCCTGCACTTCCAATTCTGCTTTC	