

Supplementary Material

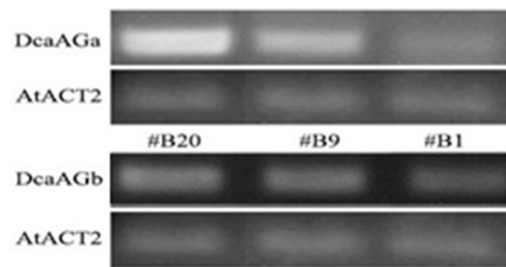


Figure S1. Semi-quantitative PCR analysis of two *DcaAG* genes in different transgenic *Arabidopsis* lines. Both *DcaAG* genes were found to express in transgenic plants. #B20, #B9, and #B1 represent the transgenic *Arabidopsis* plant with severe, moderate, and weak phenotypic variation, respectively. *AtACT2* was used as reference gene.

Table S1: The sequences of primers used for cloning *DcaAG* genes.

Gene name	Oligo Name	Primer Sequence (5'-3')
<i>DcaAGa</i>	<i>DcaAGa</i> -F	ATGGAATTTTCAAGCCAAATAACTAGG
	<i>DcaAGa</i> -R	TCAAACAAGTTGAAGAGGTGTTTGG
<i>DcaAGb</i>	<i>DcaAGb</i> -F	ATGGAGTTTTCAAGCCAAATTAC
	<i>DcaAGb</i> -R	TTACACAAGTTGGAGAGGAGTTT

Table S2: Protein sequences used for phylogenetic analysis.

Gene	Accession Number	Species	Protein Sequence
<i>EcAG1</i>	DQ088996	<i>Eschscholtzia californica</i>	TDFQSQVTESSRRKMGRGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALIVFSTRGRLYEYANNS VKSTIERYKKT CADPNSACASEANTQFYQQEATKLR QQIGILQNSNRNLMGEAISTMSVKELKQLENRLEKGIS RIRSKKNELLF AEIEYMQKREIDLQNDNMYLRAKIAD NERAQQQMSLMPGNEYEGMTSSGYDSRNFLQVNLLQ SSSQHYSHQEQTTLQLG
<i>EcAG2</i>	DQ088997	<i>Eschscholtzia californica</i>	TDFPNQEREISSGRKMGRGKIEIKKIENNTNRQVTFCKR RNGLLKKAYELSVLCDAEVALVVFNSNRGRLYEYANNS VRSTIERYKKT CADPNSSSCSSEANIQFFQQEASKLRQQ IAILQNSNRHLMGESLSSMNVKELKQLETRLEKGISRIR SKKNELLF AEIELMQKREIDLQNHNMYSKIAEKERA EQHMRLTPGNEYNDMISRNFQVNFQSSNHQYSHQ EQTSLQLG
<i>AmFAR</i>	AJ239057	<i>Antirrhinum majus</i>	MASLSDQSTEVSPERKIGRGKIEIKRIENKTNQQVTFCK RRNGLLKKAYELSVLCDAEVALVVFSSRGRLYEYANN SVKATIDRYKKASSDSSLNGSISEANTQYYQQEASKLR AQISNLQNQRNMLGESLGALSLRELKNLESRVERGIS RIRSKKNELLF AEIEYMQKREIDLHNNQYLRAKIAE SERVQGGHMLMPGGSSGYEQLVETQPF DARNYLQV NGLQPNNDYPRQDQLPLQLV
<i>AmPLE</i>	S53900	<i>Antirrhinum majus</i>	MEFPNQDSESLRKNRGRGKIEIKRIENITNRQVTFCKRR NGLLKKAYELSVLCDAEVALVVFSSRGRLYEYANNSV RATIERYKKASADSSNSVSTSEANTQFYQQEANKLRRQ IREIQTSNRQMLGEGVSNMALKDLKSTEAKVEK AISRI RSKKNELLF AEIEHMQKRELELHNANMFLRAKIAEGE

			RAQQQMNLMPGSDYQPMTSQSYDVRNFLPMNLMEP NQQQYSRHDQTALQLV
<i>AtAG</i>	X53579	<i>Arabidopsis thaliana</i>	TAYQSELGGD SSPLRKSGRG KIEIKRIENT TNRQVTFCKR RNGLLKKAYELSVLCDAEVA LIVFSSRGRL YEYSNNSVKG TIERYKKAIS DNSNTGSVAEINAQYYQQES AKLRQQIISI QNSNRQLMGE TIGSMSPKEL RNLEGRLETSITRIRSKKNE LLFSEIDYMQ KREVDLHNDN QILRAKIAEN ERNNPSISLM PGGSNYEQLM PPPQTQSQPF DSRNYFQVAA LQPNNHHYSS AGRQDQTALQLV
<i>AtSHP1</i>	M55550	<i>Arabidopsis thaliana</i>	MEEGGSSHDA ESSKKLGRGK IEIKRIENTT NRQVTFCKRR NGLLKKAYELSVLCDAEVAL VIFSTRGRLY EYANNSFIYL LLEKKKKKKK KKNLWIYSSHVVRGTIERKY KACSDAVNPP SVTEANTQYY QEASKLRRQ IRDIQNSNRHIVGESLGLSN FKELKNLEGR LEKGISRVRS KKNELLVAEI EYMQKREMEL QHNNMYLRK IAEGARLNPD QQESSVIQGT TVYESGVSSH DQSQHYNRNYIPVNLLPEPNQ QFSGDQPPL QLV
<i>AtSHP2</i>	M55553	<i>Arabidopsis thaliana</i>	MEGGASNEVA ESSKKIGRGK IEIKRIENTT NRQVTFCKRR NGLLKKAYELSVLCDAEVAL VIFSTRGRLY EYANNSVRGT IERYKKAIS AVNPPTITEANTQYYQQEAS KLRRQIRDIQ NLNRHILGES LGSLNFKELK NLESRLKGISRVRSKKHEM LVAEIEYMQK RVKEIELQND NMYLRSKITE RTGLQQQESS
<i>NbAG</i>	JQ699177	<i>Nicotiana tabacum</i>	MEFQSDLTREISPQRKLGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALIVFSSRGRLYEYANNS VKETIERYKKACSDSSNTDSISEANAQYYQQEASKLRA QIGNLQNKNRNMLGECLAALSRLDKNLEQNIKGIS KIRSKKNELFAEIEYMQKREIDLHNNNQYLRAKIAET ERAQQQQQQMNLMPGSSSYELVHPPQQFDTRNYLQ VNLQTNNDHYTRQDQPSLQLV
<i>NbSHP</i>	JQ699178	<i>Nicotiana tabacum</i>	MEFPNEEFESSNSQRKSGRGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALIVFSSRGRL YEYANNSVRATIDRYKKHHADSTSQGSVSEANTQYYQ QEAAKLRRQIRDIQTYNRQIVGEALSSLSRDL KNLEGKLEKAIGRVRSKKNELLFSEIEVMQKREIEMQN ANMYLRAKIAEVERAQQQMNLMPGGSEYSHHQ QQPMSTSQNYNDARNFLPVNLLPEPNPHYSRHDDQTA LQLV
<i>TAG1</i>	L26295	<i>Lycopersicon esculentum</i>	MDFQSDLTREISPQRKLGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALVVFNSNRGRLYEYANN SVKATIERYKKACSDSSNTGSVSEANAQYYQQEASKLR AQIGNLMNQNRNMMGEALAGMKLKLKLNLEQRIEK GISKIRSKKNELFAEIEYMQKREVDLHNNNQYLRAKI AETERAQHQHQMMNLMPGSSSYHEL VPPPQQFDTR NYLQVNLQTNNHYPQDQPPQLV
<i>TAGL1</i>	AY098735	<i>Lycopersicon esculentum</i>	MVFPINQELLVDESSQLRKTSGGTGGGGRGKIEIKRIE NTTNRQVTFCKRRNGLLKKAYELSVLCDAEVLIVFSS RGRLYEYANNSVRATIDRYKKHHADSTSTGSVSEANT QYYQQEASKLRRQIRDIQTYNRQIVGEALGSLSPRDLK NLEGKLEKAIGRVRSKKNELLFSEIELMQKREIELQNA NMYLRAKIAEVERAQEQMNLMPGGGGGGGGGGGG GSDHQYHHQPNYEDARNNSLPVNLLPEPNPHYSRRDN GDQTPLQLV

PMADS3	X72912	<i>Petunia hybrid</i>	MEFQSDLTREISPORLGRGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALIVFSSRGRLEYEYANNS VKATIERYKKACSDSNTGSIAEANAQYYQQEASKLR AQIGNLQNRNRLGSLAALNLRDLRNLEQKIEKGI SKIRAKKNELLFAEIEYMQKREIDLHNNNQYLRAKIAE TERSQQMNLMPGSSSYDLVPPQQSFDARNYLQVNGL QTNNHYPRQDQPPLQLV
FBP6	X68675	<i>Petunia hybrid</i>	MVFPNQEFSSSSQRKSGRGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALIVFSSRGRLEYEYANNS VRATIDRYKHHADSTSTGSVSEANTQYYQQEAAKLR RQIRDIQTYNRQIVGEALSSLSRGLKNLEKLEKAIGR VRSKKNELLFSEIELMQKREIEMQNANMYLRAKIAEV ERATQQMNLMHGGGSEYQQQPMSSSQPYDARNFLP VNLEPNPHYSRODQTALQLV
DcaAGa		<i>Dianthus caryophyllus</i>	MEFSSQITREEGSPSSQRKLGKIEIKRIENTTNRQVTF CKRRNGLLKKAYELSVLCDAEVALIVFSSRGRLEYEYAN HSVKGTIERYKKACSDSTGAGSVAEANAQYYQQEAA KLRGQIRTTDSNRLSRQLMGEGLSDLSMKELKNLES KLEKISRIRSKKNELLFAEIEFMQKREIDLHNNHQFLR AKIAENERAQQSMRLMPGGSSEYELAPPPQSFDSRNYF QVNALQPNEHYSRODQTPLQLV
DcaAGb		<i>Dianthus caryophyllus</i>	MEFSSQITREEGSPSSQRKLGKIEIKRIENTTNRQVTF CKRRNGLLKKAYELSVLCDAEVALIVFSTRGRLEYEYAN HSVKGTIERYKKTCSDTSTGSVAEANAQYYQQESAKL RSQIRTMTESNRSLSRHMMGEGLTGLNMKELKNLETK LEKISRIRSKKNELLFAEIEFMQKREVDLHNNNQLLR AKIAENERAQQSMMLMPGGGDYELAPPPQSFDSRNYF QVNALQPNEQYSCQDQTPLQLV
Bv8_18831 0_mhzu.t1		<i>Beta vulgaris</i>	MEGSPSSQRKMGRGKIEIKRIENTTNRQVTFCKRRNGL LKKAYELSVLCDAEVALIVFSSRGRLEYEYANHSVKGTI DRYKKAQSDQSGAGSVAEANAQYYQQEAAKLRNQIR TATENRLLSRHMMGEGLSSLSMKELKNLETKLERGIS RIRSKKNELLFAEIEFMQKREIELHNNNQFLRARISENE RAQQSMLMPGGSDYDLVPSQSFDSRNYFQVNALQPS SQYARQDQTPLQLV
Spo09086		<i>Spinacia oleracea</i>	MLTKDVKGTIDRYKACSDQTGAGSVAEANAQYYQ QEA AKLRNQIR TATENNR TNYLKWNRLSRHMMG EGLSSLSMKELKNLETKLEKISRIRSKKNELLFAEIEFM QKREIELHNNNQFLRARISENERAQQSMMLPPGGSD YDLVPSQSFDSRNYFQVNALQPNTTVSNLSTCAWRRK HKPSFATGDQVVAGAWCLVPGAWCLVPGAWWWFL NCHFAVVDVT
AUR62035 850-RA		<i>Chenopodium quinoa</i>	MEFPTQVMEEGSPSSQRKMGRGKIEIKRIENTTNRQVT FCKRRNGLLKKAYELSVLCDAEVALIVFSSRGRLEYEY NHSVKGTIDRYKACSDQTGAGSVAEANAQNGKINV TEFPRPRNVIWYQQEAAKLRQSIKSTNTNRHMMG EGLSSLSMKELKNLESKLEKGINRIRSKKNELLFAEIEF MQKREIELHNNNQFLRARISENERAQQSMMLMPGGS DYDLVPSQSFDSRNYFQVNALQPNNQYARQDQTPLQ LV
AUR62027 653-RA		<i>Chenopodium quinoa</i>	MEFPTQVMEEGSPSSQRKMGRGKIEIKRIENTTNRQVT FCKRRNGLLKKAYELSVLCDAEVALIVFSSRGRLEYEY NHSVKGTIDRYKACSDQTGAGSVAEANAQYYQQEA AKLRGQIKTATENNRHMMGEGLSSLSMKELKNLETK LEKGINRIRSKKNELLFAEIEFMQKREIELHNNNQFLR ARISENERAQQSMMLMPGGSDYDLVPSQSFDSRNYFQI ELAGAESDQVNSLMNGI

<i>VvAG</i>	NM_001281168	<i>Vitis vinifera</i>	MGRGKIEIKRIENTTNRQVTFCKRRNGLLKKAYELSVL CDAEVALIVFSSRGRLYEYANNSVKSTIERYKKASADSS NTGSVSEANAQFYQQESSKLHQQIRNLQNSNRHMLG ESLGSLSNFKDLKSLEIRLEKGISRIRSKKNELFFAEIEM QKREIDLHNDNQYLRARIAENERNEQQMSLMPGGAN YELMPSQQFDSRNYFQLNGLQPNQYSYRQDQPALQLV
<i>VvMADS1</i>	NP_001268105	<i>Vitis vinifera</i>	MGRGKIEIKRIENTTNRQVTFCKRRNGLLKKAYELSVL CDAEVALIVFSSRGRLYEYANNSVRTTIERYKKVCSDDS NTGSVSEANAQFYQQEASKLRQIRDIONLRHILGE ALSSLNFKELKNLETRLEKGISRIRSKKNELFFAEIEM QKREIELQNSNLFRAQIAENERAQQQMNLMPSGSQY ESVPQQPYDSQNLLPVNLLDPNHHSRHDQDALQLV
<i>KjAG</i>	AMQ23646	<i>Kerria japonica</i>	MAYENKSMMAIDSPQRKLRGKIEIKRIENTTNRQVT FCKRRNGLLKKAYELSVLCDAEVALIVFSNRGRLYEYA NNSVRATVERYKKACADTSNNGSVSEASTQYYQQEA AKLRAQIGNLQNSSRHMLGESLSSMTMKDLKSLEGKL EKGISRIRSKKNELFFTEIEMQKREIDLHNNNQLLRA KIAENERSQQNINVMAAGGGNYEIMQSQPYDSRNYF QVSALQPNHOYNPRQDQIALQLV
<i>AtSTK</i>	NP_001329612	<i>Arabidopsis thaliana</i>	MMGRGKIEIKRIENSTNRQVTFCKRRNGLLKKAYELSV LCDAEVALIVFSTRGRLYEYANNNIRSTIERYKKACSDS TNTSTVQEINAAYYQQESAKLRQQIQTIQNSNRNLGM DSLSSLSVKELKQVENRLEKAISRIRSKKHELLLVEIENA QKREIELDNENIYLRTKVAEVERYQQHHHQMVSGSEI NAIEALASRNYFAHSIMTAGSGSGNGGSYSDPDKKILH LG
<i>FBP11</i>	CAA57445	<i>Petunia hybrid</i>	MGRGKIEIKRIENNTNRQVTFCKRRNGLLKKAYELSVL CDAEIALIVFSTRGRVYEYANNNIKGTIERYKKATAETS NACTTQELNAQFYQQESKLRQQIQQLLQNTNRHLVG EGLSALNVRELKQLENRLERGITRIRSKKHEMILAETE NLQKREIQLEQENTFLRSKIAENERLQELSMMPATGQE YNAFQQYFARNMLQLNMMEGGVPSPYDPLPAHDKKS LQLE
<i>CUM1</i>	AAC08528	<i>Cucumis sativus</i>	MSKHYSPLTRMIKEEGKGLQIKGMFQNQEEKMSDS PQRKMGRGKIEIKRIENTTNRQVTFCKRRNGLLKKAY ELSVLCDAEVALIVFSSRGRLYEYANNSVKATIDRYKK ASSDSSNTGSTSEANTQFYQQEAAKLRVQIGNLQNSN RNMLGESLSSLTAKDLKGLKLETKLEKGISRIRSKKNELFF AEIEMRKRREIDLHNNNQMLRAKIAESERNVNMGG EFELMQSHPYDPRDFQVNGLQHNHQYPRQDNMAL QLV
<i>CUM10</i>	AAC08529	<i>Cucumis sativus</i>	MGRGKIEIKRIENTTNRQVTFCKRRNGLLKKAYELSVL CDAEVALIVFSSRGRLYEYSNNSIKTTIERYKKACSDSS ATSSVTELNTQYYQQESAKLRQQIQMLQNSNSNLVRH LMGDSLSALTVKELKQLENRLERGITRIRSKKHEMLLA EIEYLQKREIELENENVCIRTKIAEVERVQQANMVSGQ ELNAIQALANSRNFSPNIMEPAGPVSYSHQDKKMLH LG
<i>GhMADS3</i>	XP_016711294	<i>Gossypium hirsutum</i>	MVYPNESLEDSPQKKMGRGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALVVFSSRGRLYEYANN SVKATIERYKKASDSSNTGSVAEVNAQFYQQEADKLR NQIRNLQANRHMMLGESIGLPMKELKSLESRLEKGIS RIRSKKNELFFAEIEMQKREIDLHNNNQLLRAKIAEN ERKQQSMNLMPPGSSANFEALHSQPYDSRNYFQVDA LQPATNYNPNQLQDQIALQLV
<i>GhMADS5</i>	ABM69043	<i>Gossypium hirsutum</i>	MGRGKIEIKRIENTTNRQVTFCKRRNGLLKKAYELSVL CDAEVALIVFSTRGRLYEYSNNSNIRSTIERYKKACSGTS NTNTVTEINAQYYQQESAKLRQQIQMLQNSSRHMLG

			DSLSSLTVKELKQLENRLERGITRIRSKKHEMLLAEIEYF QKREVELENESVCLRAKIAEIERVEEANMVTGAELNAI QALASRNFFTPNVIERGTPPYSHHDKKILHLG
<i>GhMADS7</i>	ABM69045	<i>Gossypium hirsutum</i>	MEFPNLDPESSSQKKMGRGKIEIKRIENTTNRQVTFCK RRNGLLKKAYELSVLCDAEVALIVFSSRGRLYEYANNS VRATIERYKKACSDATTPGSVAEANIQFYQQEATKLR QIRDVQNMNRHILGEALSSLTFKELKNLEGRLEKGCIR IRSKKNELLFAEIGFMQKREVELQNDNMYLRAKIAEN ERAQQQSNQLMQAASSYNRNFLPVNLLSPNNDYSN QDQTPLQLV
<i>GsAG1</i>	LC022775	<i>Gentiana scabra</i>	MDYPPRQEFDSSSRKSGRGKIEIKRIENATNQQVTFCK RRSGILKKAYELSVLCDAEVALIVFSTRGRLYEYASSV RGTIERYKKACADTTNSGSISEANTQFYQQSNKLRK DIKEIQKANRNMLGEGVESIQPKDLKKIEGNLERAIGK IRTRKNELLFAEIELMQKREMELOANLYLRAKNFDM VQIAENERATDTPHMNLMPPASASEYNHHQSMASHSF DDVRSFIPVNLLEPNQHYSRQDPTALQLV
<i>GsAG2</i>	LC022779	<i>Gentiana scabra</i>	MDSQNQEIESSNSRKSGRGKIEIKRIENKTNRQVTFCKR RSGLLKKAYELSVLCDAEVALIVFSSSGRLYEYANNSA KGTIERYKKACGDSTSAGSVSEANIQFYQQEANQLRK NIRDIQSSNRHILGEGLDELFSKQIKNLEGRVEKGIARV RSRKNELLA AEIELMKKREIELQANLYLRAKITENDQ QRVQAEQQQMNFMPSADYQTNNNNIASEPNYQEVH NFIPVNF LDHNQHYSSQDPTALQFV
<i>GsSTK1</i>	LC022768	<i>Gentiana scabra</i>	MGRGKIEIKRIENNTNRQVTFCKRRNGLLKKAYELSVL CDAEVALVVFSSRGRVY EYANNIRATIDRYRKATSD VPTVFTTQEINAQFYQQESKLRQIQILQNSNRHLM GEGLSALNVKELKQLETRLERGLSRIRSKKHEMILAEA EYLQKREIQLEQENAWLKAKISEQEKLQHLSSMPPGQ EYNEAMEAYFAQNMLQLNMMEGVPIYSLSSDKKSLH LG

Table S3: The sequences of primers used for semi-quantitative PCR and qRT-PCR analysis in carnation.

Gene name	Efficiency	Oligo Name	Primer sequence (5'–3')
<i>DcaAGa</i>	98.9%	<i>DcaAGa-F</i>	CGAATCCGATCCAAAAAGAATG
		<i>DcaAGa-R</i>	TCGTACTCGCTGCTACCTCC
<i>DcaAGb</i>	97.8%	<i>DcaAGb-F</i>	GCATTAGTAGAATCCGATCCAA
		<i>DcaAGb-R</i>	TCGTAGTACCACCACCCG
<i>DcaAP1</i>	99.1%	<i>DcaAP1-F</i>	ACAAGGTGTTGGTGATGA
		<i>DcaAP1-R</i>	GTATTGGCGATTGGCTC
<i>DcaAP2</i>	98.3%	<i>DcaAP2-F</i>	AGCCAAACACACTTACAATCAC
		<i>DcaAP2-R</i>	TCCCCCGTTGCTGCTAC
<i>DcaSEP1</i>	99.6%	<i>DcaSEP1-F</i>	GGTGAAAGATAGTCAAATGAGGCAG
		<i>DcaSEP1-R</i>	GTCAATGGGTTGGAAAAGAGGTT
<i>DcaSEP3</i>	98.6%	<i>DcaSEP3-F</i>	ATCTTCGCAGTGAACGGACAA
		<i>DcaSEP3-R</i>	CCTGCTGATAACCGATTTGTAAG
<i>DcaPI</i>	97.9%	<i>DcaPI-F</i>	GGAGGAGAATAATCAGCTTGTA
		<i>DcaPI-R</i>	GATGGAATCGGGTGCTGA
<i>DcaAP3</i>	99.6%	<i>DcaAP3-F</i>	CTACAAAGAAAAAGGTGCGAAATGG
		<i>DcaAP3-R</i>	GCAATCTGAGAGCGAGCAAACGAG
<i>DcaGAPDH</i>	98.6%	<i>DcaGAPDH-F</i>	CGGAAAGTTGACTGGTATGGC
		<i>DcaGAPDH-R</i>	CATCCTCGGTGTAGCCAAAAT
<i>Dcaβ-actin</i>	97.6%	<i>Dcaβ-actin-F</i>	AAACTTTCAACGCTCCTGCTATG
		<i>Dcaβ-actin-R</i>	CTATCCCTTACTATTCTCGCTCA

Table S4: The sequences of primers used for semi-quantitative PCR and qRT-PCR in transgenic *Arabidopsis*.

Gene Name	Oligo Name	Primer Sequence (5'-3')
<i>AtPI</i>	<i>AtPI</i> -F	AAGAGGATAGAGAACGCAAACA
	<i>AtPI</i> -R	GAAGGACAACAGTAATCAATCA
<i>AtAP3</i>	<i>AtAP3</i> -F	AGAGAACCAGACAAACAGACAAG
	<i>AtAP3</i> -R	CTTCGTTGTGGTGTAGGGCTGA
<i>AtAG</i>	<i>AtAG</i> -F	CTACGAGCAGCTTATGCCACCA
	<i>AtAG</i> -R	GAGTAATGGTGATTGTTAGGTTGC
<i>AtSTK</i>	<i>AtSTK</i> -F	TAGGATGGGAAGAGGAAAGATAGAA
	<i>AtSTK</i> -R	TCTTATGTTGTTATTGGCGTATTCA
<i>AtSEP1</i>	<i>AtSEP1</i> -F	CCTTATCTCAAGTGTCTGCG
	<i>AtSEP1</i> -R	GAGAGGAGAACCAGAAGCGA
<i>AtSEP2</i>	<i>AtSEP2</i> -F	GATTTAGCCGAGAACGGGAAGAT
	<i>AtSEP2</i> -R	ACTCTCTATGTAATCCGTAAGCG
<i>AtSEP3</i>	<i>AtSEP3</i> -F	GTATCAGGGGCAACAAGATGGAAT
	<i>AtSEP3</i> -R	AAAGAGAGGGATTGATTAAGTGAGAA
<i>AtACT2</i>	<i>AtACT2</i> -F	GGCTCCTCTTAACCCAAAGGC
	<i>AtACT2</i> -R	CACACCATCACCAGAATCCAG
<i>AtACT11</i>	<i>AtACT11</i> -F	CCACATGCTATTCTGCGTTTGGACC
	<i>AtACT11</i> -R	CATCCCTTACGATTCACGCTCTGC