

Appendix C The sequence of CEP domain in apple

Class I	
MdCEP14	PVITTPPSASPGPGS,PTSPTAPGPGTTPT
MdCEP21	PPKRGPPGHTPGIGH
MdCEP22	PPKRGPPGHTPGIGH
MdCEP23	PPKRGPPGHTPGIGH
MdCEP24	PPKRGPPGHTPGIGH
MdCEP27	EHSTTGNRGSQGMCO
Class II	
MdCEP4	DFRPTAPGHSPGVGH
MdCEP6	NRILAQSVPSPGVGH
MdCEP11	LGAIKQSGPSPGEGH,LGGIKTSGPSPGSGN,LGGIKDSGPSPGSGN,TPGIKDSGPTPGTGN, LGGIKEAGSPGTGN,LSGIKDSGPSPGTGN
MdCEP12	LGAIKQSGPSPGEGH,LGGIKTSGPSPGSGN,LGGIKDSGPSPGSGN,LGGIKDSGPTPXTGN, LGGIKEAGSPGTGN,LGAIKDSGSLGTGN,LGGIKDSGPSPGTGN
MdCEP13	NRILAQSVPSPGVGH
MdCEP16	DYRPTTPGHSPGAGH
MdCEP17	AGRPTGPGHSPGVGH,DFRPTTPGNSPAUGH
MdCEP18	DFRPTAPGHSPGVGH
MdCEP19	LGAIKESGPSPGEGH
MdCEP25	AFRPTSPGHSPGVGN
MdCEP26	AFRPTTPGHSPGVGH
Class III	
MdCEP1	AYGQTGTGKTYTVGS
MdCEP2	AYGQTGTGKTYTVGS
MdCEP3	AYGQTGTGKTYTVGS
MdCEP5	AYGQTGTGKTFTLGQ
MdCEP7	AYGQTGTGKTYTLGR
MdCEP8	YPRPADPGHYPGVDD
MdCEP9	PAAGFPPQPSQGVGG
MdCEP10	AYGQTGTGKTYTLGR
MdCEP15	DHPPSSPGKRGGNHQ
MdCEP20	YNNLTGPFPTCGIFN