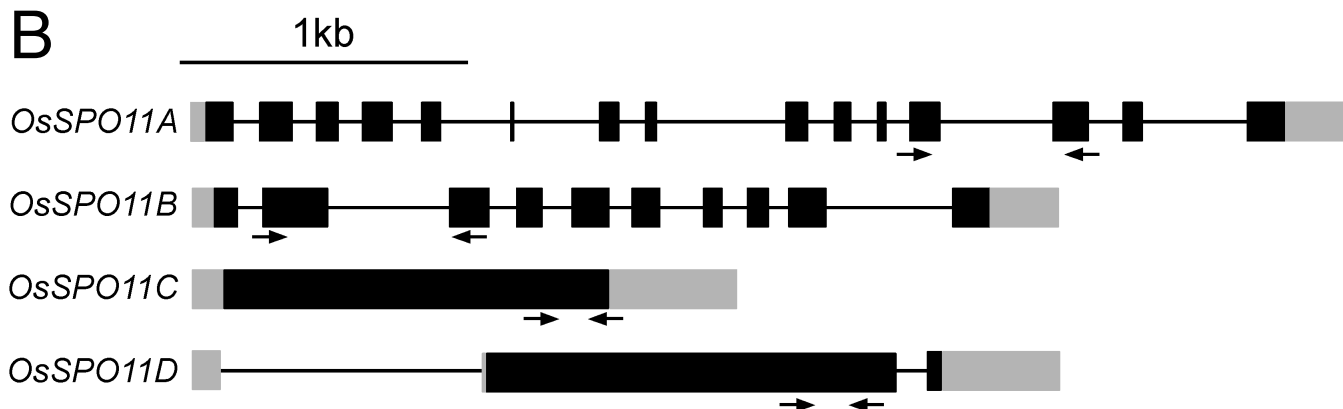


A

Motif I			Motif II			
ScSPO11	118	VMEKLPLGKNNTVRDIFYSNVE----	LFQRQANVVQWLDVIRFNFKLSP	PRKSLNIIPAQKGLVYSPFPIDIDYDNL	TCENEPKMQQTIFPGKPCLIPFF	213
AtSPO11-1	86	VQQLLQENRHASKRDIIYMHPS----	AFKAQSIVDRAIGDICIILFQCS-	RYNLNVVSVGNGLVMG-----	WLKFREAG-RKFDCLNSLNTAYVPVL	171
AtSPO11-2	107	CFQILLQEKRVTORELKYKLLCDSPDYFSS	IEVNRSVQDVVALLRCS-	RYSLGIMASSRGLVAG-----	RLFLQEPGKEAVDCSACGSSGFAITGD	197
AtSPO11-3	153	IHQLLCLRNHIVTKRDLFYTDVK----	LFQDQTSQSDAVLDDVSCMLGCT-	RSSLNVIAAEKGVVVG-----	RLIFSDNG-DMIDCTKMGMGGKAIPP	238
OsSPO11A	106	VQQLLQONKHCSKRDIIYMYPS----	IFQEQAVVDRAINDICVLFKCS-	RHNLNVVPVAKGLVMG-----	WIRFLEGE-KEVYCVTNVNAAFSIPVS	191
OsSPO11B	109	CYKILGEGKLVTLRELFYTLLESSEPTYFTC	QRHVNQTVQDVFSLLRCT-	RQSLGIMASSRGALIG-----	RLVVQGPPEEHVDCSILGPSGHAITGD	199
OsSPO11C	168	VHAVLRRGIHVTKRDLFYTDVK----	LFGDQAQSDAVLDDVSCMLGCT-	RSSLHVVASEKGVVVG-----	RLTFADDG-DRIDCTRMGVGGKAIPP	253
OsSPO11D	196	IERTLLAGLNISKRTVLYTNKD----	LFGDQSKSDQAINDICALTNIR-	RGSLGIIAAEKGVVVG-----	NI FLELTNGKSISCSIGVQIPHRLDQI	282
Motif III			Motif IV			
ScSPO11	214	QDDAVIKLGTISMCNIVIVEKEAVFTKLVNNYHKLSTN--	TMLITGKGFPDFLTRLFLKKLEQYCSKLISDCSIFTDADPYGISIALNYTHSNERNAYIC			311
AtSPO11-1	172	VEEVEDIVS--LAEYILVVEKETVFQRLANDMFCKTN--	RCIVITGRGYPDVSTRRLFLRLMEKLH--	LPVHCLVDCDPYGFELATYRFGSMQMayDI		264
AtSPO11-2	198	LNLLDNTIMRTDARYIIVEKEHAIFHRLVEDRVFNHI--	PCVFITAKGYPDIA TRFFLHRMSTTFPD-	LPILVLVDWNPAGLAILCTFFKFSIGMGLEA		293
AtSPO11-3	239	IDRVGDMQS--DAMFILLVEKDAAYMRLAEDRFYNRF--	PCIIVTAKGQPDVATRLFLRKMKMLK--	LPVLALVDSDPYGLKILSVYCGSKNMSYDS		331
OsSPO11A	192	IEAIKDVS--VADYILIVEKETVFQRLANDKFCERN--	RCIVITGRGYPDIPTRRFLRYLVEQLH--	LPVYCLVDADPYGFDILATYKFGSLQLAYDA		284
OsSPO11B	200	LNVL SKLIFSSDARYIIVVEKDAIFQRLAEDRIYSHL--	PCILITAKGYPDLATRFLHRLSQTYPN--	MPIFALVDWNPAGLAILCTYKYGISMGLES		295
OsSPO11C	254	IDRVSGIES--DALFILLVEKDAAFMRLAEDRFYNRF--	PCIILTAKGQPDVATRLFLRRLKVELK--	LPVLALVDSDPYGLKILSVYMCCKNMSYDS		346
OsSPO11D	283	KDVCVEIGSR--NIEYILVVEKEHTMLNLYLEMDYHTNN--	NCIILTGCMPRTLQTRDFLRFLKQRTG--	LPVFLCLCPDPEGISILATYARGSCNSAYDN		376

B



C

