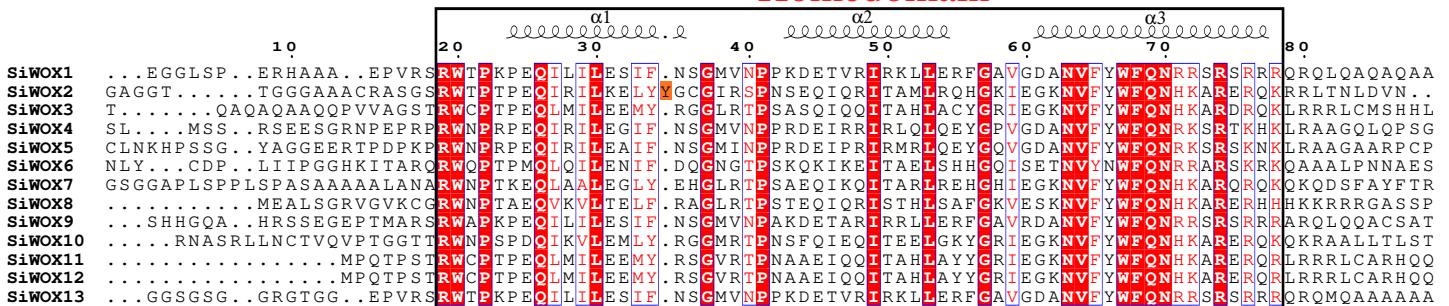


SiWOX1 . . . . .  
 SiWOX2 . . . . . MAANVGGKS VVG GGA  
 SiWOX3 . . . . .  
 SiWOX4 . . . MASSNRHWP SMYRSSLACN . . . . . FQQP QPDMNNGG . . . . . GGK . . . . .  
 SiWOX5 MASSFNNRHWP SMFRSKHAAE . . . . . QWQP QPDISSPPS . . . SLL SGGGNTTNTGGS  
 SiWOX6 . . . . . MEWGDRAKASAVAAAAAAADERAGGGGEGLGGYVKVMTDEQMEVLRKQISIYATICEQLVEMHRTLTE . . . HQDSIAGMR . . . FS  
 SiWOX7 . . . . .  
 SiWOX8 . . . . .  
 SiWOX9 . . . . . MD . . . . .  
 SiWOX10 . . . MRLHHFHVAYLDKAASPSSS . . . PPSISQSL . . . . . SSSAIPLALQCLRPLAPKISFPEARPKMVVLPEFSRV . . .  
 SiWOX11 . . . . .  
 SiWOX12 . . . . .  
 SiWOX13 . . . . . MEGSSNSPD . . . RQS S . GGSPEERGS .

## Homedomain



	90	100	
<b>SiWOX1</b>	AA..AAAATG.....	SSSS..SGSPP.TS.....	
<b>SiWOX2</b>	...VPAAAAADVGHLGVLSLSSPSGAAPPSSPLGLYPGNGASALQLDTS.....		SDWGSTTAVATETCFLQ.....
<b>SiWOX3</b>	LS.CAQYYAAAHGGHGF	LAAPPAFPALPAFYGGCVF...	DQTAAGQLLSPSTSPTAAAAAAAAAAAY.GYYYPATAAFAPAPPSR.....
<b>SiWOX4</b>	RA..ALSRAC.....	AAPPFPALAP.APMT.....	PPRHLLASPV..APTSSSSSSDRSSGGSSKARTAVLPPPAAAIIQGVLPAT.....
<b>SiWOX5</b>	AR..APARAA.....	AVTPPPPPPAPP.QLLTTT.....	QQVQLLASPVPQAAPTSSSSSSDRSSGGSSRPAA.....KRAAQAMSPTA.....
<b>SiWOX6</b>	EAE..VDE.....	D.ALTDKDKPKSD..	RLPHEN.....KAMTMSIHNAREISGMHHFDAS.....
<b>SiWOX7</b>	LLRRPPPL.....	PMLVRPPGPGLPYPHGRLPV.....	PAPPAAAAAA.CSSSSNGG.THVMYRSPFYMPAAPQA.....
<b>SiWOX8</b>	DS.....	GSGGGSN.....	EEDAVGRA.....A.SHEAVVEPDVLVQPPES.....
<b>SiWOX9</b>	AH..QLPAAG.....	VGAG..H..Y.HGVN.....	D..NASP.....
<b>SiWOX10</b>	TSS.....	LPSPETKVGVGK.....	EEEASCED.....ASSRKRCRTWGDDVH.....
<b>SiWOX11</b>	QT..A..AV.....	APPPG..PGPAGGSSAA..	GVHPAV.....MQLHH..HHHPYATCSFMPH..H.....
<b>SiWOX12</b>	QT..QPAAV.....	APPPGPGPSPAGGSSAA..	GVHPAV.....MQL..H..HHHPYATCSFMPHHPHH.....
<b>SiWOX13</b>	AA..AAASSAA.....	QSSP..AASPT.VGLP.....	SGAVQYP.....

	110	120	130	
SiWox1	.GGAG.	LAPGHAGSA	ASSTMGMF	AYGS...
SiWox2	.DY.	.MG.	VMRS.	TAGHHDSA...G...
SiWox3	.CVGAATPPSPT.	.QL.FHYQAGG.	GGGIAP.	.V...EAL...
SiWox4	AIDLSPKTPALAAHQLYYHSQ.	QLMAPAVPP..PMPELITSPEPFLHWQQQGGH	YLPAELGGV	GALHTHEPPPAM...
SiWox5	AMDLLGPLA...	ACACPQMYYQGQ.	FVAPPASAFAHKVHD	LVADEPIFQPWPQ...
SiWox6	DHDQI.	GGMNYGSSDN.	GCCLSAEELAILGG	QYHMVHPVPVQQOPPAALPAGAFLGLC
SiWox7	.PAANALYYHPHQHQHVPA	SVMYPRMEVA.	GMRS.	SGNP.....GQMSFYE
SiWox8	.KREARSY.	.	QDKMIP.	AAAQHNHHH...HRHHPAAG...
SiWox9	FGMNGHS.	.	QVRAGMM	PAAALP...SVA...
SiWox10	.	.	PAATE.	V...
SiWox11	.LGGYLGQQH.	QQQAATLP	AGGKAM.	GDAAPATE...
SiWox12	.LGGYLGHQQQQQ	QAATLP	AGGKAT.	SNH...QPEEW.E...
SiWox13	.LAMGG SAC.	.QYEQQO.	GGSSLGLF	ALGPVG...
				GTGAGYFQ...

	140	150	160	170	180
SiWOX1	.....	SASASWPPSS...	AGMMGDLDGGGG.DDLF...	AISR.....	QMGYADGGGSGSSA.....
SiWOX2	.....	FSSP...	DSWAAPAMTRAPE	TPLPLPTGDNQVPPRPRRGAPAGD...	AIRGGGGGS... GYLPTLPFWGAA..... A
SiWOX3	GVALDDVVVSAAAADMAPPGEVAPPAAFCRPLK	.....	TLDLFPGG...	LKEEQHD...	VA
SiWOX4	NEALGQDCVDIISSKQQGL...	.... GH.	GQYWNTTQGSDLSSN...	NKTDAVSDVIRDDEKARLGLLHYGFAAAAAAATSAPLAAP...	VQPAAA
SiWOX5	NEVTEPEAITGQRTCTTWGA...	.... GL.	GQYCPGGGAEEHQLGKNTDAAPAREVAHEDATKLGLLQYCFGDSTAVDATAAGATMRDAAVTVATVAA		
SiWOX6	N.....	.....	IMSNPRIDHQLPQVESSRSFSHLQHGEGF...	DMFG...	
SiWOX7	AAAGNNNASTTPM.	HVLHFPPAAAVDAG...	PSRE	ILQLLFPLQPTFLPADKGR...	AAGGGAA... SMAPAPST
SiWOX8	..YVRDVVEQQAAEALW...	.....	ERPTREVE	TLELFPLKSYVDLEAEKVR...	YVRSS...
SiWOX9	.....	ATAP...	HFFAEEV...	SGDDLF...	AISR..... QMGLMSRGGDHRCG...
SiWOX10	.....	.....	VADCTDDV	ILELFLPRLPDQGKSLIN...	
SiWOX11	.....	NA.	ATASGGSSDELPPCCRRLPK	TLDLFPPTKSTGLKDE...	CSS... S
SiWOX12	.....	NA.	TASGGSSDELPPCCRRLPK	TLDLFPPTKSTGLKDE...	CSS... S
SiWOX13	.....	ASCAGASPLA...	SGLMGDVSDGGGNDDLF...	AISR...	QMGFAEPSVAASSS...

WUS-box

## EAR motif

220

190            200

SiWOX1	.....	AAAVSQQQHQQLYYSCQP.....	G.....	SMTVFINGVATEVPR..GPIDL
SiWOX2	TAATATTTTT	..VTIQQQ..HHQLLQLQDQY..SFYTTNSQPPSSHDA.....	ASSAATAS	<b>LEL...SLS</b> SWCSPYP..AGTM..
SiWOX3				
SiWOX4	DASTAMI..LP..SSAPSNVAAATSSVLTDQLQGLLDPGGLIGGTPLPPPTATVVVVARDA.....			VTC AVTAQFSVPAMRLDV
SiWOX5	TATTARLTGLPASSAAPNGVVA..NYDLMLQQLGAADGALGAGATTSTGAPVAVATAAVAGEQQEGGGVAALCITDSVTGRSAHSAARLDV			
SiWOX6				
SiWOX7	..ASASFSGES.....ESLEESPDSYSEALAVPFY..DFFGLQS.....		GGR.....	
SiWOX8	..ASEQCR.....EF..SFFDVAA.....		GRDPPI <b>LEL...RLC</b> SFGP.....	
SiWOX9	..YTASD.....ASQMTYQPT.....		G...MTSIQVFINGAVYEVPGAGAPLDL	
SiWOX10				
SiWOX11	..KSSSCS.....TSTN.....			
SiWOX12	..KSSSCS.....TSTN.....			
SiWOX13	.....VA..PSTAGHQQQYYSCQS.....		P.....AATITVFINGVPMEVPR..GPIDL	

230            240            250            260

SiWOX1	RSMFGQDVMLVHSTGGL.....LPVNEYGVLMQSLQMGESEYFLVTRG.			
SiWOX2				
SiWOX3				
SiWOX4	KLAFGDAAVLVRHTGEP.....VLVDESGVTVEPLQQDTLYYLLMVTH			
SiWOX5	RAQFGEAAVLFRCAGERGLDLEHVPVDASGCTVQPLQHGAFYYVLV...			
SiWOX6				
SiWOX7				
SiWOX8				
SiWOX9	AGTFGH DAMLVHSSGEI.....LPVNEHGVL MKSLQMGE CYYLVS RST			
SiWOX10				
SiWOX11				
SiWOX12				
SiWOX13	RAMFGQDVMLVHSTGAL.....LPVNDYGILTQSLQMGESEYFLVARPT			