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AtMYB93 is a novel negative regulator of lateral root development in Arabidopsis

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(a)						ARABIDILLO1-ARM (bait)		
Prey	Att AtM AtM Att Att Att Att	MYB92 - YB92 N YB92 C MYB53 - MYB93 - MYB93 - MYB91 -			 		-AHLT	XαGal
(b)			+ HA	-ARM		- HA-AI	RM	
	HA- M` M`	50k <u>Da</u> ARM ▷ ^{50k<u>Da</u> YC- YB92 ►}		1 W5 E	**	I W1V		^{**} α-ΗΑ ** α-ΜΥC
(C) Atmyb92 Atmyb53 Atmyb93		MGRSPISD MGRSPSSD MGRSPCCD	DS <mark>GLKKGP</mark> ETGLKKGP ENGLKKGP	WTPDEDEKLV WIPSEDDKLI WTPSEDOKLI	NYTHKI DYTHKI	HGHSSWRALP HGHSSWSALP HGHGSWRALP	(LA <mark>GLNRCG) (LAGLNRCG) (LA<mark>G</mark>LNRCG)</mark>	<pre>{SCRLRWTNY {SCRLRWTNY {SCRLRWTNY }</pre>
Atmyb92 Atmyb53 Atmyb93		LRPDIKRG LRPDIKRG LRPDIKRG	RFSPDEEO KFSADDE KFSADEEO	TILNLHSVLG TILNLHAVLG TILH <mark>LH</mark> SILG	NKWST NKWSM NKWSA	IANQUPGRTDN IASHUPGRTDN IATHUQGRTDN	EIKNFWNT EIKNFWNT EIKNFWNT *	ILKKKLIQMG ILKKKLIQMG ILKKK <u>LIQM</u> G
Atmyb92 Atmyb53 Atmyb93		FDPMTHRP FDPMTHOP I <mark>DPVTHO</mark> P	RT-DIFSC RTDDIFSS RT-DLF <mark>A</mark> S	LSQLMSLSSN LSQLMSLS-N LPQLIALA-N	LRCFVI LRCLVI LKDLI	LQQQFPIDQE LQQQFPMEDQ QTSQFSSMQQ	EHTILKLQTI 2-ALLNLQTI 5EAA(AKLOLFOY AKLOLFOY ANLOYLOR
A <i>t</i> MYB92 A <i>t</i> MYB53 A <i>t</i> MYB93		L PSSMS L PSPAP F SSASL	NNVNPNDFI MSINNINPI TNNNGNNF:	D N SPSSILDIDQ	TS IN HHAN	MUNSIASFKET MUNSIASFKET MUNSMVSWNKI	QNPAFDPVI	SNNTTS NSVT LELEANDQNQ
AtMYB92 AtMYB53 AtMYB93		NNLDLGFI SNIDLGFI DLFPLGFI	GSY SSH IDQPTQPL(-LODHS -LODNNNN- QQOKHLNNS	LP LP PSELP	SLKTLNSNMEI SLKTL SQGDPLLDHVI	PSSVFPQNLI PSSVFPQNLI PFSLQTPLNS	DONHBKFSTQ DONHBSQNT- SODHBIDNLV
AtMYB92 AtMYB53 AtMYB93		RENLPVSP SP KHPTDHEH	IWLSDESS IWLHEPPS EHDDNESS	-TTPAHVNDD -LNQTMPTH WVLPSLDNN	LIFNQ DPCAQ PKTVT	YG EDVNSN-1 S-VDGFGSNQA SS PHNNPADA	TSSSGQESO ASSSHDQEVI ASSSSSSSSGGO	GASASAAWPD AVTDSVDWPD CEAAS <mark>FY</mark> WPD
AtMYB92 AtMYB53 AtMYB93		-HLLDDSI HHLFDDSM -ICFDESL	FSDIP FPDISYQS MNVIS					













