

At5g57920 (AtENOD20)

**Supplemental Figure S4 A** 

## В

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	20 3	0 40	50	60	70 80	90	100	110	120	130 140
AT2G25060/1-182				E T EWAO KARE KUK		SML ENTINE AMNO	CNTTNPLANYTDGE		YE LOO ANOHOEI	
							CNTTSPKASYTDGN'			
AT4G31840/1-177							CKATKPQLYSNNED			
AT3G18590/1-188										
AT1G48940/1-177							CQTTKPELYSNHDD'			
A75G57920/1-182							CDRSE <mark>P</mark> IRGYKDGH			
TC114239/1-271							CGIRGEHVDHYDGN'			
AT1G64640/1-191							CNTKDPILYMNDGN:			
A75G20230/1-196							CEKEK <mark>P</mark> ISHMTVPP			
AT2G02850/1-129	MA <mark>V</mark> SVL <mark>L</mark> LQADI	YVQAATYT <mark>VG-DS</mark>	<u>G I WI T F N</u>	AVGWPKGKHFRA	<u>g d v l v f n y n p r m h</u>	NVKVDSGSYNN	<mark>CKTPTGAKPYTS<mark>G</mark>KI</mark>	RITLSK-GQN	FFICNFPNHCE	SDM <mark>KIAVTA</mark> V
	20	30 4	N 50	60	70	80 90	100	110	120	130
		i i	, <u> </u>	· · · · · · · · · · · · · · · · · · ·	, <u> </u>		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100	120	100
AT2G25060/1-182							YNS <mark>C</mark> NTTNPLANYT[			
AT4G31840/1-177							YEK <mark>CNTTSPKASYTI</mark>			
AT3G18590/1-188							YKK <mark>c</mark> katkpqlysnn			
AT1G48940/1-177							YKK <mark>CQTTKP</mark> ELYSNH			
AT5G57920/1-182							YER <mark>C</mark> DRSE <mark>P</mark> IRGYKI			
TC114239/1-271							YDR <mark>C</mark> GIRGEHVDHY[			
AT1G64640/1-191							F K S <mark>C</mark> N T K D P I L Y M N [			
A75G20230/1-196							FEN <mark>C</mark> ekek <mark>p</mark> ishmtv			
AT2G02850/1-129	VTLMA <mark>V</mark> SVL <b>L</b> LQ	ADYVQAATYT <mark>VG</mark>	- D S G I <mark>W</mark> T F N	AVG <mark>W</mark> PKGKH <mark>F</mark>	RAGDVLVFNYNP	RMHNVVKVDSGS	YNN <mark>C</mark> KTPTGAKPYT S	GKDRIT <mark>L</mark> SK-	QNF <mark>FI</mark> CNFPN	HCESDM <mark>K</mark> IAVTA'
	20	30	40 50	60	70 8	0 90	100	110	120 . 13	o .
AT2G25060/1-182	HVAIFSLIFLF	SLA - AANEVTVG	G K S G D <mark>w k i p</mark> p s s s y :	8 F TE <mark>WA</mark> QKARF	(VGDFIV <mark>F</mark> R <mark>y</mark> esgi	(DS <mark>VLEV</mark> TKEAYNS	CNTTNPLANYTOGE	KVKLDRS <mark>g</mark> pfy	FISGANGHCEK	G <mark>okl</mark> slv <mark>v</mark> is
AT4G31840/1-177	L <mark>V</mark> TIFLCISVFF <mark></mark> F	SSVNANEVT <mark>VG</mark>	G K S G D <mark>w k i p</mark> p s s s f :	8 FNE <mark>wa</mark> qkar <mark>f</mark>	(VGDFIV <mark>F</mark> K <mark>y</mark> eag)	(DS <mark>V</mark> LQ <mark>V</mark> TREAYE)	< CNTTSPKASYTDGN1	KVK <mark>l</mark> dqa <mark>g</mark> pvy	FVSGTEG <mark>hc</mark> qk(	GQ <mark>kl</mark> rlv <mark>v</mark> it
AT3G18590/1-188	I I I VMEL <mark>V</mark> TEYM <mark>E</mark>	SCVSSTEFE <mark>VG</mark>	GENG-WIV <mark>P</mark> KSKTLO	) DAFNQ <mark>WA</mark> SDNR <mark>F</mark>	(VGDTLR <mark>F</mark> K <mark>Y</mark> T k	(DS <mark>V</mark> LV <mark>V</mark> SEEEYK)	< <mark>c</mark> katk <mark>p</mark> qlysnned1	VFK <mark>L</mark> DRP <mark>G</mark> LFY	F I SGVSG <mark>hc</mark> ek	GQ <mark>k</mark> mivk <mark>v</mark> me
AT1G48940/1-177	I <mark>v</mark> llsif <mark>v</mark> cfyv <mark>f</mark>	SLV - SCTEFEAG	GENG-WIIPQSSNQ:	SD I <mark>F N Q W A</mark> S K N R <mark>F</mark> Þ	(V <mark>gd</mark> tir <mark>f</mark> kyk++	(DS <mark>V</mark> LV <mark>V</mark> TEDEYK)	< <mark>C</mark> QTTK <mark>P</mark> ELYSNHDD1	VFK <mark>L</mark> DRP <mark>G</mark> LFY	F I SG V SG H C EQ (	G <mark>q k</mark> miik <mark>v</mark> me
A75G57920/1-182							R <mark>C</mark> DRSE <mark>P</mark> IRGYKDGH1			
TC114239/1-271							R <mark>C</mark> GIRGEHVDHYDG <mark>N</mark> 1			
AT1G64640/1-191							S <mark>CNTKDPILYMNDG</mark> NS			
A75G20230/1-196							N <mark>C</mark> ekek <mark>p</mark> ishmtvppn			
AT2G02850/1-129	AIVTLMA <mark>V</mark> SVL <mark>L</mark> L	Q Α D Y VQ A A T Y T <mark>V G</mark>	- D <mark>S G</mark> I <mark>W</mark> T F N	A V G <mark>W</mark> P K G K H <mark>F</mark> F	RA <mark>gd</mark> vlv <mark>f</mark> n <mark>y</mark> nprn	1 H N <mark>V</mark> V K <mark>V</mark> D S G S <mark>Y</mark> N N	I <mark>C</mark> KTPTGAKP <mark>YT</mark> S <mark>G</mark> KI	RIT <mark>L</mark> SK- <mark>G</mark> QNF	FICNFPN <mark>hc</mark> esi	DM <mark>K</mark> IAV-
	10	20	30 4	0 50	60	70	80 90	100	110	120
AT2G25060/1-182	- MELSASMASS	HVALESLI ELE	SLA AANEVTVG	KSGDWIKIPPSSS	S- FTEWAQKAR	FKVGDFIVFRYES	GKDSVLEVTKEAYNS	CNTTNPLANYT	DGETKVKLDRS	GPEYFISGANGH
AT4G31840/1-177							GKDSVLQVTREAYER			
A73G18590/1-188							- KDSVLVVSEEEYKM			
AT1G48940/1-177							- KDSVLVVTEDEYKK			
A75G57920/1-182							ENDSVLQVRQTDYER			
TC114239/1-271							KTESVHEVEEEDYDF			
AT1G64640/1-191							SEDSLIQVTPSNFKS			
A75G20230/1-196							GRHDVAVVSEAAFEN			
AT2G02850/1-129							RMHNVVKVDSGSYNN			
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## Supplemental Figure S4 B