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AT5G52965	DLVK	WSSLFNVEG	VLEIAKSI	IFSG	-----	KFENVEAA	KAF	STLDAN	WPHMFP	--	LNPFPPPLLDKN	ARI	VP						
AT5G52975	DLVK	WSSLFNVEG	VLEIAKSI	IFSG	-----	KFENVEAA	KAF	STLDAN	WPHMFP	--	LNPFPPPLLDKS	ARI	VP						
AT2G27315	DLVK	WSSLFNVEG	VLEIAKSI	IFSG	-----	KFENIEGA	KAF	SALDAN	WPEMFP	--	LNPFPPPLLDKI	ARI	VP						
AT2G14378	DVEK	WSSLFNTQG	VFELLKSVFSG	-----	RFGDVGVA	KAF	STVDAN	WPHMFP	--	LNPFPPPLLDKN	AHI	VP							
AT4G35165	DVEK	WASLFNTQG	VFELLKSVFSG	-----	QFGDVGVA	KAL	STIDAN	WPHMFP	--	LNPFPPPLLDKN	AHI	VP							
AT5G54062	DLTK	LSSLVNVQG	VTEIYKSVFTG	-----	KCDNVGFM	KAF	MAVDAK	WPKMFP	--	LNPFPPPLLDKNV	SRIN	T							
AT5G53742	DLTK	LSSLVNVQG	VTEIYKSVFTG	-----	KFGNVGVM	KAF	SAVDVK	WQPMFP	--	LNPFPPPLLDKKE	SPI	NA							
AT5G36310	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPT	KAF	LDAD-N	IPKIP	---	FIP---	PMLKEQ	SRVAG						
AT5G36340	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPT	KAF	LDAD-N	IPKIP	---	FIP---	PMLKEQ	SRVAG						
AT5G36540	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPT	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36550	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPT	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36360	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36480	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIQ	---	FIPFPPMLKEQ	SRVAG							
AT5G36470	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36450	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36440	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36340	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36420	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36410	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36400	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36390	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36380	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36350	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36460	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36490	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEK	SRVAG							
AT5G36500	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEK	SRVAG							
AT5G36520	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36658	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDTD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36657	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDTD-N	KPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36370	DITK	FSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36662	DITK	FSSVMDIPG	IAEISQSI	IFTR	-----	KFGNLGPA	EAF	VDAD-N	IPKIP	---	LIPFPPSMLKEQ	SRVAG							
AT5G36739	DITK	FSSVMDIPG	IAEISQSI	IFTR	-----	KFGNLGPA	EAF	VDAD-N	IPKIP	---	LIPFPPSMLKEQ	SRVAG							
AT3G42565	DITK	WSSVMDIPG	IAEISQSI	IFTC	-----	KFGNLGPA	KAF	LDAKVN	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36661	DITK	FSSVMDIPE	IAEISQSI	IFTC	-----	KFGNLSA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36738	DITK	FSSVMDIPE	IAEISQSI	IFTC	-----	KFGNLSA	KAF	LDAD-N	IPKIP	---	FIPFPPMLKEQ	SRVAG							
AT5G36659	DITK	FSSVMDIPE	IAEISQSI	IFTC	-----	KFGNLSA	KAF	LDAD-N	IPNS	---	FRFFLR	----							
AT5G42895	DITK	LSSVMDIPR	ITEISQSI	IFIG	-----	KFGNLGPA	KAF	LDAEAN	MPKIP	---	FIPFPPMLKEQ	SRI	AG						
AT4G09545	DITK	WSSVMDIPE	IAEISQSI	IFIG	-----	KFNSLGS	KAF	LDAEAN	IPKIP	---	LIPFPPMLKEQ	SRI	AG						
AT5G44495	DITK	LSSVINIPG	VEEISQSI	ILLE	-----	KFGIGSA	KAI	LEAETN	IQPLP	---	FNPFPPMLKHQ	S	KTVG						
AT5G51105	DLSK	WSTVMDLPG	VEEIQQA	VMSC	-----	KFEGVGVG	KAF	LDAEAN	LPNLP	---	SNPFPPMMKHQ	S	KMAS						
AT2G24205	DVKK	FSSVRNVPG	LLEISQ	-AFGE	-----	KFGHMPPA	KAF	MDSI-K	MPNIL	---	YSVLPFPPNLKEQ	NQAG	I						
AT5G60945	HVFR	YSSVMKFP	VIQTTS	SVRNK	-----	RW-EISPY	KAY	LHTKDY	LPKIP	---	YMPKFPSFIRNH	K	KVVR						
AT5G60964	RIFK	YSSVMKFP	VIETTQS	VSNR	-----	RW-VISPY	KAY	LHTRDY	LPKIP	---	YMPHFPSFIRNH	L	KVVR						
AT3G01328	-----	ITQVAG	FNAVRLA	ADK	-----	DSKLLTRV	RVV	KTLD	LLLVYP	---	DRAYNTYFKGI	F	EKFN						
AT3G01322	-----	IDNVAG	FDAVRLA	ADV	-----	DIKWLRS	RD	KVV	KTLD	---	LLLVYP	---	NRAYNTLFKFI	F	EIFN				
AT3G01327	-----	IENVAG	LDSLRLA	VHQ	-----	DFRLLSRD	KVV	KTLPD	LLFLYP	---	NIVYNTYFKFN	F	LKFN						
AT3G01323	-----	VANLPG	FYAVRLA	ADQ	-----	DIRWLS	RD	EAV	KTLPD	---	LLLVYP	---	YKALNTIILKRI	V	TKFP				
AT3G01331	-----	ISRVPG	FYDALRLA	AAG	-----	DYRWLS	RD	RVV	YATLPD	---	FLTLKP	---	DALPINVFRVI	S	NTVP				
AT2G21750	-LMQ	WDALEYLKS	TNEIVL	FFLNG	-----	ETKLVG	N	VDDVIT	D	WPA	MLTSLG	FTLEETNVLRGF	Q	---					
AT2G21740	-LME	WNALEYLKS	TNEIVL	FFLNG	-----	ETKLVG	Q	VEVIT	D	WPA	MLTSLG	FTSDETNVLRGF	Q	---					
AT4G39340	-LME	WNALEYLKS	TNEIVL	FFLNG	-----	ETKLVG	E	SVDI	I	T	D	WPA	MLTSLG	FTPEEANVLRGF	Q	---			
AT5G64720	-LMD	WNAGLEYLKS	TDEIVK	FFLSQT	-----	GIGLVVK	D	WS	VMFT	S	LG	FTLMEGNLRG	E	FQAE					
AT1G67650	DTGCV	WDSLMLQLQH	SCELI	LF	FFLNG	-----	ETYIGPG	S	AI	-RT	I	G	RK	WPTMIG	VLG	FTAQEGDMLQGY	D	GND	S



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