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At3g23050	LAKM	F	SSFTMGNYG..AQQMIDFMNESKLMNLLNSSEYVVP	SYED	KD	GD	WMLVGD	V	PWEMF	VESCK	RL	RI	M				
At4g14550	LAKM	F	SSFTMGSYG..AQQMIDFMNESKVMNLLNSSEYVVP	SYED	KD	GD	WMLVGD	V	PWPMF	VESCK	RL	RI	M				
At1g04250	LSNM	F	SSFTMGKHGG.EEGMIDFMNERKLMNLLNSSEYVVP	SYED	KD	GD	WMLVGD	V	PWPMF	VDTCK	RL	RI	M				
At3g04730	LSKM	F	SSFTIGNYG..PQGMKDFMNESKLIDLLNGSDYVVP	TYED	KD	GD	WMLVGD	V	PWEMF	VDSCK	RL	RI	M				
At2g22670	LEKM	F	SCFTLGCQGLHGAQGRERMSEIKLKDLLHGSSEFVL	TYED	KD	GD	WMLVGD	V	PWEIF	TETCO	KL	RI	M				
At5g65670	LEKM	F	TTFTLGCQGSNGAAGKDMLETKLKDLLNGKDYVVP	TYED	KD	GD	WMLVGD	V	PWEMF	IDVCK	KL	RI	M				
At1g04240	LEV	M	K.FSVGEY.....FERDGYK.....GSDFVP	TYED	KD	GD	WMLVGD	V	PWEMF	ICTCK	RL	RI	M				
At5g43700	LEN	M	K.FSVGEY.....FEREGYK.....GSDFVP	TYED	KD	GD	WMLVGD	V	PWEMF	VSSCK	RL	RI	M				
At3g23030	LEN	M	K.VMIGEY.....CEREGYK.....GSGFVP	TYED	KD	GD	WMLVGD	V	PWDMF	SSSCK	RL	RI	M				
At4g14560	LEN	M	K.FTVGEY.....SEREGYK.....GSGFVP	TYED	KD	GD	WMLVGD	V	PWDMF	SSSCK	RL	RI	M				
At4g29080	LEKM	F	SCFTIGQFGSHGGCGRDGLNESRLTDLLRGSEYVVP	TYED	KD	GD	WMLVGD	V	PWEMF	ICSCK	KL	RI	M				
At1g52830	LEN	L	GCGLGIGVA.....KEGKK.....CEYII	IYED	KD	RD	WMLVGD	V	PWQMF	FKESC	KL	RI	V				
At3g15540	LDKL	F	GFRGIGVAL.....KGDGN.....CEYVT	IYED	KD	GD	WMLVGD	V	PWMLG	DESCK	RL	RI	M				
At1g15580	LQIL	F	GCY.INFP.....DTLKE.....SECVP	IYED	KD	GD	WMLVGD	V	PWEMF	LGSCK	RL	RI	M				
At1g80390	LEN	M	QGIITICR.....VTELER.....KGEFVA	TYED	KD	GD	WMLVGD	V	PWMMF	VESCK	RL	RI	M				
At1g51950	VDKL	F	RGLLAAQRDFPSSIEDEKPIITGL...LDNGEYTL	TYED	NE	GD	KMLVGD	V	PWQMF	VSSVK	KL	RI	V				
At3g16500	VDKL	F	RGLLAAQRDISDQGEEKPIIIGL...LDGKGEFTL	TYED	NE	GD	KMLVGD	V	PWQMF	VSSVK	KL	RI	V				
At5g25890	VDQL	F	S.....KKDS.....WDLNRQYTL	VYED	TE	GD	KVLVGD	V	PWEMF	VSTVK	RL	RI	V				
At2g46990	LDY	M	NASILWAEED.....MCNEKSHVL	TYAD	KE	GD	WMLVGD	V	PWEMF	LSTVR	RL	RI	K				
At3g62100	LDY	M	NASILWAEED.....MCSEKSHVL	TYAD	KE	GD	WMLVGD	V	PWEMF	LSSVR	RL	RI	K				
At3g17600	LSHM	F	DTSIICGNRD.....RKHHVL	TYED	KD	GD	WMLVGD	V	PWDMF	LETVR	RL	RI	T				
At1g15050	MQSV	S	GLRRLFQMES.....EFCL	VYRD	EG	GL	WRNAGD	V	PWNEF	IESVE	RL	RI	T				
At2g01200	MOTV	S	GLRRLFQTES.....EFSL	VYRD	RE	GI	WRNVGD	V	PWNSY	IFSIO	KL	RI	S				
At1g19220	LARM	F	GIEGQLEDPL.....TSDWKL	VYTD	HE	ND	ILLVGD	V	PWEEF	VNCVQ	N	RI	K				
At5g20730	LARM	F	GIEGQLEDPP.....TSDWKL	VYVD	HE	ND	ILLVGD	V	PWEEF	VNCVQ	S	RI	K				
At1g30330	LARM	F	GIEGQLEDPP.....RSGWQL	VFVD	RE	ND	ILLVGD	V	PWEEF	VSSVW	C	RI	K				
At5g37020	LGRM	F	AIEGLLEDPL.....RSGWQL	VFVD	KE	ND	ILLVGD	V	PWEEF	VNNVW	Y	RI	K				
At1g19850	IECM	F	GLEGLLTHPQ.....SSGWKL	VYVD	YE	SD	VLLVGD	V	PWEEF	VGCVR	C	RI	I				
At1g35240	LEKL	F	DLKGQLQT.....RNQWKI	AFTD	SD	GE	MLVGD	V	PWEEF	CKMVK	KL	RI	I				
At1g35520	LEKL	F	DLKGQLQT.....RNQWKI	IFTG	SD	DE	MLVGD	V	PWEEF				
At1g34390	LEEL	F	DLKGQLQT.....RNQWEI	AFTD	SD	DD	KMLVGD	V	PWEEF	CNMVK	KL	RI	I				
At1g34310	LEKL	F	DIKGQLQT.....RNQWEI	AFTD	SD	ED	KMLVGD	V	PWEEF	CNMVK	KL	RI	I				
At1g34410	LEKL	F	DIKGQLQT.....RNQWKI	AFTD	SD	GE	MLVGD	V	PWEEF	CKMVK	KL	RI	I				
At1g35540	LEKL	F	DLKGQLQA.....RNQWEI	AFTN	NE	ED	KMLVGD	V	PWEEF	CNMVK	KL	RI	I				
At1g34170	LEEL	F	DLKDELRT.....RNQWEI	VFTN	NE	GA	MLVGD	V	PWEEF	CNMAK	RI	FI	C				
At2g46530	LEKM	F	EIEGELSP.....KDKWAI	VFTD	DE	GD	RMLVGD	V	PWNEF	CKMAK	KL	RI	I				
At3g61830	LEEM	F	EIQGQLLA.....RDKWIV	VFTD	DE	GD	MMLVGD	V	PWNEF	CKMAK	KL	RI	I				
At4g23980	IEKL	F	DIKGE LRS.....RNQWEI	VFTD	DE	GD	MMLVGD	V	PWEEF	CNMVK	KL	RI	I				
At1g59750	LEEM	F	DIKGE LLES.....TKKWQV	VYTD	DE	DD	MMLVGD	V	PWNEF	CGMVR	KL	RI	I				
At5g60450	LERL	F	NMEGLLRDP.....EKGWRI	LYTD	SE	ND	MMLVGD	V	PWHD	CNVVW	K	RI	I				
At2g28350	LAE	M	HIEERSDLL.....THV	VYRD	AN	GI	KRI	GD	PE	SDF	MKATK	RL	TI	K			
At4g30080	LSDM	F	GIK.KSEML.....SSV	LYRD	AS	GA	I	KYAGNE	PF	SE	LKTAR	RL	TI	L			
At4g32275	LI	T	ME	TEYEDCDRE.....DNTYTF	TFQ	GE	ED	WLLR	GD	V	TWK	IF	AESVH	RI	S	I	
At5g62010	LDRL	F	EFNGELMAP.....KKDWI	VYTD	EN	DM	MMLVGD	V	PWQEF	CCMVR	KL	RI	I				
At5g57420	LR	OM	F	VDGADSTDDLDSN.....ATPGHLI	AYED	ME	ND	LLAGD	L	T	WK	DE	VRVA	K	RI	I	L

At1g04100 KTSIGAGVGK.....
At4g28640 KTSEATGKAQMLL.....
At1g04550 GTSEASGLAPRRQEOKDRQNNPV.....
At2g33310 KTSEANGLAARNQEPNERQRKQPV.....
At3g23050 KGSEAVGLAPRAMEKYC.KNRS.....
At4g14550 KGSEAIIGLAPRAMEKF..KNRS.....
At1g04250 KGSDAIIGLAPRAMEKC..KSRA.....
At3g04730 KGSEAIIGLAPRALEKC..KNRS.....
At2g22670 KGSDSIGLAPGAVEKSKNKERV.....
At5g65670 KGCDAIIGLAAAPRAMEKSKMRA.....
At1g04240 KGSEAKGLGCGV.....
At5g43700 KGSEVKGGLGCGGL.....
At3g23030 KGSDAPALDSSL.....
At4g14560 KGSEAP...TAL.....
At4g29080 KSSEAIIGLAPRVMEKCRSRN.....
At1g52830 KRSDATGFGLQDD.....
At3g15540 KRSDATGFGLQPRGVDE.....
At1g15580 KRSCNRG.....
At1g80390 KTGDAIGL.....
At1g51950 KTSEISSALTYNGKQEKMR.....
At3g16500 KSSEISSALTFGCSKQEKMMH.....
At5g25890 KTS...HAFSLSPRKHGKE.....
At2g46990 RANYHY.....
At3g62100 RA.YHY.....
At3g17600 RP.ERY.....
At1g15050 RRNDAVLPF.....
At2g01200 S.....
At1g19220 SSVEVQQMSLDGDLAAIPTTNQACSETDSGNAWKVHYEDTSAASFN.....
At5g20730 SSAEVQQMSLDGNFAGVPTNQACSGDSSGNAWRGHYDDN.SATSEFN.....
At1g30330 SPQEVQQMGKRGLELLNSAPSSNNVDKLPNGNCDDFGNRS DPRNLGNGIASVGGSFNY.....
At5g37020 SPEDVHQMGD HG.....EGSGGLFPQN.....PTHL.....
At1g19850 SPTEVQQMSEEGMKLLNSAGINDLKT SVS.....
At1g35240 SKEEVKNLKSS.....KSLSS.....
At1g35520
At1g34390 KRGGQKLEVQ.....
At1g34310 KRR.....
At1g34410 SKEEVKNLKSS.....KSLSS.....
At1g35540 SKEEVKNLKSR.....KSLSS.....
At1g34170 SKEEIKKMKLKNKFFQPESKALTSSDVPNVTDN.....
At2g46530 PSDEVKMMRSKSLG.....DKGTIVNLESDQRTVHV.....
At3g61830 SSDEVKMTTKLKISS...SLENEYGNESFENRSRG.....
At4g23980 SKEEVKMTTPGNQLRM...LLREVETTLTTTSKTDNHSN.....
At1g59750 TPEEVKLLSPKNKLAVNARMQLKADAEENGNTTEGRSSSMAGSR.....
At5g60450 TKEEVENANDDNKSCLEQAALMMEASKSSSVSQPDSPTITRV.....
At2g28350 MDIGGDNVRKTWITGIRTGENGIDASTKTGPLSIFA.....
At4g30080 TEQGSESVVV.....
At4g32275 RDRPCAYTRCLF.....
At5g62010 TKEEVRKMNPGLTSCRSEEEAVVGE GSDAKDAKSASNPSSLSSAGNS.....
At5g57420 PVKGNTRQV KRNE.....