

		10	20	30	40	50	60
AHA1	Sequence	-----	-----	-----	-----	-----MS	DKNETD E
AHA2	Sequence	-----	-----	-----	-----	-----MASG	DVVEN D E
AHA3	Sequence	-----	-----	-----	-----	-----	-----
AHA4	Sequence	-----	-----	-----	-----MTT	TVEDNREV	AVLK E A D E
AHA5	Sequence	MEMEKEVVIF	LHFHLLFTTI	LNLFSSSSSS	LSFFPASLWR	LPPGKGSE	HKVES D V
AHA6	Sequence	-----	-----	-----	-----	MAA--DI	WD E K K E N D E
AHA7	Sequence	-----	-----	-----	-----	--MTDIEA	K A T T E S I D E
AHA8	Sequence	-----	-----	-----	-----	MAT--EF	WD E K K E N D E
AHA9	Sequence	-----	-----	-----	-----	MAGNKDS	WD D K N E G I D E
AHA10	Sequence	-----	-----	-----	-----MAE	DLDKPLLD	PD T F N R K G I D G
AHA11	Sequence	-----	-----	-----	-----	--MGDK	EEV E A V L K E T D E
Potri.006G005900	Sequence	-----	-----	-----	-----	-----ME	D K K E S I D E
Potri.006G165900	Sequence	-----	-----	-----	-----	--MAKAF	E E K K E N D E
Potri.006G188600	Sequence	-----	-----	-----	-----	--MG--DV	E E K K E N I D E
Potri.006G275000	Sequence	-----	-----	-----	-----	MSSKGGI	S E E K K E S D E
Potri.018G006000	Sequence	-----	-----	-----	-----	MSSKGGI	S E E K K E S D E
Potri.018G090300	Sequence	-----	-----	-----	-----	--MEKAT	E E K K E T D E
Potri.018G112400	Sequence	-----	-----	-----	-----	--MG--DV	E E K K E N I D E

		70	80	90	100	110	120
AHA1	Sequence	-----	-----	-----	-----	-----M	WNPLSWVME
AHA2	Sequence	K I E E E Q I	K S R E E T T	Q E E D I Q I	T N K E E K K E	S L K K K M	WNPLSWVME M
AHA3	Sequence	K I E E E Q I	K S R E E S G	A E E N K Q I	T N K E E K K E	S L K K K M	WNPLSWVME
AHA4	Sequence	N V I E E T E N	R S K E E T T	Q A A D E R A L I	H K K E E K K E	S F K K K M	WNPLSWVME
AHA5	Sequence	R I M E E E E	K T K Q E T A	N E A S H R D V I	T N K E E K K E	S L K K K M	WNPLSWVME V
AHA6	Sequence	K I V D E E Q I	K S R E E S S	E E R N R Q I	T A N K E E K V E	N F K K K M	WNPLSWVME
AHA7	Sequence	N V I E E E Q H	K T K E E T S	N E V Q E R T L I	T N K E E K K E	S I L K K K M	WNPLSWVME
AHA8	Sequence	R I V E E E E E	K S K E E S S	D E T A K R E T I	T A N K E E K S E	N F K K K M	WNPLSWVME S
AHA9	Sequence	K I E E E L T I	R I T R E E T S	D E T Q T R E T I	T N K E E K K E	N V K K K M	WNPLSWVME L
AHA10	Sequence	I L I E E E E Y	R T S P Q E L S	G D A E E R K I I	T N R E E K Q E	N R F V K K K M	WNPLSWVME
AHA11	Sequence	N V I E E E E S	R S R E E T T	E A A D E R A L I	H K K E E K K E	S F K K K M	WNPLSWVME
Potri.006G005900	Sequence	K I E E E E K	K T K E E R T	T E E E R R I	T N K E E K K E	S I L K K K M	WNPLSWVME
Potri.006G165900	Sequence	K I V E E E E	K T K E E T S	E E A N R Q I	T N K E E K K E	S F K K K M	WNPLSWVME
Potri.006G188600	Sequence	R I V E E E Q I	R T K E E S T	A Q E E R K I	T N K E E K R E	S F K K K M	WNPLSWVME
Potri.006G275000	Sequence	R I M E E E E	K T R E E S A	D E A S R Q V I	T N K E E K K E	S I L K K K M	WNPLSWVME
Potri.018G006000	Sequence	R I E E E E E	K S R E E T S	D E T A T R Q V I	T N K E E K K E	S I L K K K M	WNPLSWVME
Potri.018G090300	Sequence	R I V E E E E	K T K E E S S	E E A S R I Q I	T N K E E K K E	S F K K K M	WNPLSWVME
Potri.018G112400	Sequence	R I V E E E D I	R I T R E E T S	A Q E E R K I	T N K E E K K E	C F K K K M	WNPLSWVME

		130	140	150	160	170	180
AHA1	Sequence	A A L M A I L A I	D N R E D D D	F G I I C L L V I	N T I S F E E N	N A G N A A A L M	A L A K K K I
AHA2	Sequence	A A M A I L A I	D N R E D D D	F G I I C L L V I	N T I S F E E N	N A G N A A A L M	A L A K K K I
AHA3	Sequence	A A M A I L A I	K E D D D	F G I V C L L V I	N T I S F V E E N	N A G N A A A L M	A L A K K K I
AHA4	Sequence	A A M A I L A I	K E D D D	F G I I T L L V I	N T I S F E E N	N A G N A A A L M	A R L A K A K I
AHA5	Sequence	A A L M A I L A I	D N R E D D D	F G I V C L L I I	N T I S F E E N	N A G N A A A L M	A L A K K K I
AHA6	Sequence	A A M A I V L A I	D N R E D D D	F G I T C L L I I	N T I S F E E N	N A G N A A A L M	A N L A K K K I
AHA7	Sequence	A A L M A I G L A H	K A D Y H D	F G I V V L L I I	N T I S F V E E N	N A G N A A A L M	A Q L A K A A V
AHA8	Sequence	A A M A I V L A I	K A D D D	F I G I M V L L I I	N T I S F E E N	N A G N A A A L M	A N L A K K K I
AHA9	Sequence	A A M A I L A I	D N R E D D D	F G I T V L L I I	N T I S F E E N	N A G N A A A L M	A L A K K K I
AHA10	Sequence	A A L M A I L A I	S Q S L G D E D	F T G I V C L L I I	N A T I S F E E N	N A G N A A A L M	A R L A L K R I
AHA11	Sequence	A A M A I L A I	K E D D D	F G I I T L L V I	N T I S F E E N	N A G N A A A L M	A R L A K A K I
Potri.006G005900	Sequence	A A M A I V L A I	K E D D D	F G I I V L L I I	N T I S F E E N	N A G N A A A S L M	A L A K K K I
Potri.006G165900	Sequence	A A M A I L A I	D N R E D D D	F G I T C L L V I	N T I S F E E N	N A G N A A A L M	A L A K K K I
Potri.006G188600	Sequence	A A M A I L A I	K E D D D	F G I V V L L I I	N T I S F E E N	N A G N A A A L M	A L A K K K I
Potri.006G275000	Sequence	A A L M A I L A I	D N R E D D D	F G I V V L L V I	N T I S F E E N	N A G N A A A L M	A L A K K K I
Potri.018G006000	Sequence	A A L M A I V L A I	D N R E D D D	F G I V V L L V I	N T I S F E E N	N A G N A A A L M	A L A K K K I
Potri.018G090300	Sequence	A A M A I L A I	S K E D D D	F G I I C L L V I	N T I S F E E N	N A G N A A A L M	A L A K K K I
Potri.018G112400	Sequence	A A M A I L A I	K E D D D	F G I V V L L I I	N T I S F E E N	N A G N A A A L M	A L A K K K I

		190	200	210	220	230	240
AHA1	Sequence	RDKXWSEIEA	SLVPGDIVS	KLGDI PAD	RL EGDPLK	VDQSLTGES	PI TKH QE
AHA2	Sequence	RDKXWSEIEA	SLVPGDIVS	KLGDI PAD	RL EGDPLK	VDQSLTGES	PI TKH QE
AHA3	Sequence	RDKXWSEIEA	SLVPGDIVS	KLGDI PAD	RL EGDPLK	VDQSLTGES	PIATKG EE
AHA4	Sequence	RDKRWGEIDA	SLVPGDIVS	KLGDIVPAD	RL EGDPLK	VDQSLTGES	PI TKSS DG
AHA5	Sequence	RDNQWSEIEA	SLVPGDIVS	KLGDI PAD	RL DGDPLK	DQSLTGES	IPITKN SDE
AHA6	Sequence	RDKRWGEIEA	SLVPGDL S	KLGDIVPAD	RL EGDPLK	DQSLTGES	PIATKHQ DE
AHA7	Sequence	RDKRWNEIDA	ELVPGDIVS	KLGDI PAD	RL EGDPLK	DQATLTGES	PI TKN AS
AHA8	Sequence	RDKRWGEIEA	SLVPGDL S	KLGDIVPAD	RL EGDPLK	DQSLTGES	PI TKH DE
AHA9	Sequence	RDKXWSEIEA	SLVPGD S	KLGDIVPAD	GRL DGDPLK	DQSLTGES	PI TKH QE
AHA10	Sequence	RDKQWQEIDA	SLVPGD S	KLGDI PAD	RL EGDPLK	DQSLVTGES	PI TKKK EQ
AHA11	Sequence	RDKRWGEIDA	SLVPGD S	KLGDIVPAD	RL EGDPLK	DQSLTGES	PI TKG DG
Potri.006G005900	Sequence	RDKXWSEIDA	SLVPGD S	KLGDI PAD	RLMVGDPLK	DQSLTGES	PI TKY SG
Potri.006G165900	Sequence	RDKXWTEIDA	SLVPGD S	VKLGDIPAD	RL EGDPLK	VDQSLTGES	PI TKH DE
Potri.006G188600	Sequence	RDKXWMEIDA	SLVPGDM S	KLGDIVPAD	RLMKGDPLK	DQSLTGES	PI TKH EG
Potri.006G275000	Sequence	RDKRWSEIDA	SLVPGD S	KLGDIVPAD	RL EGDPLK	DQSLTGES	PI TKN SDE
Potri.018G006000	Sequence	RDKRWSEIDA	SLVPGD S	KLGDIVPAD	RL EGDPLK	DQSLTGES	PI TKN SDE
Potri.018G090300	Sequence	RDKXWTEIDA	SLVPGD S	VKLGDIPAD	RL EGDPLK	DQSLTGES	PI TKH DE
Potri.018G112400	Sequence	RDKXWSEIDA	SLVPGDL S	KLGDI PAD	RLMEGDPLK	DQSLTGES	PI TKN DG

		250	260	270	280	290	300
AHA1	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT SIGN	FCICSI IGI
AHA2	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI IG
AHA3	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI VGI
AHA4	Sequence	YSGSCKKQG	E EA VIATG	HTFFGK AI	LVD TTH IGH	FQVLT IGN	FCICSI VG
AHA5	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVDNTNG IGH	FQVLT SIGN	FCICSI LGI
AHA6	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSIIGIG
AHA7	Sequence	YSGSCKKQG	E EA VIATG	HTFFGK AI	LVD TTH IGH	FQVLT IGN	FCICSI VG
AHA8	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT SIGN	FCICSIIGLG
AHA9	Sequence	YSGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG EGH	FQVLT IGN	FCICSI IG
AHA10	Sequence	SGSCKKQG	E EA VIATG	STTFFGKTAR	LVD T DVTGH	FQVLT SIGN	FCICSI VG
AHA11	Sequence	YSGSCKKQG	E EA VIATG	HTFFGK AI	LVD TTH IGH	FQVLT IGN	FCICSI VG
Potri.006G005900	Sequence	YSGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI IG
Potri.006G165900	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI VG
Potri.006G188600	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI IG
Potri.006G275000	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI VGI
Potri.018G006000	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI IGI
Potri.018G090300	Sequence	SGSCKKQG	E EA VIATG	HTFFGK AI	LVD TNG GH	FQVLT IGN	FCICSI VG
Potri.018G112400	Sequence	I SGSCKKQG	E EA VIATG	HTFFGK AI	LVDNTNG GH	FQVLT IGN	FCICSI IG

		310	320	330	340	350	360
AHA1	Sequence	A E V I Y Y	QRRKYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
AHA2	Sequence	V E I I Y Y	QRRKYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
AHA3	Sequence	A E V I Y Y	QRRHYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HKL	QQGAITKRMT
AHA4	Sequence	L E V I Y Y	QRRAYRPGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
AHA5	Sequence	I V E L L I Y Y	QRRRYRDGID	NLLVLLIGGI	PIAMP SVLSV	T ATG HRLF	QQGAITKRMT
AHA6	Sequence	L E I I Y Y	QRRKYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
AHA7	Sequence	A E V I I I GL	QKRGYRVGID	NLLVLLIGGI	PIAMP VLSV	T A G A HRLA	QQGAITKRMT
AHA8	Sequence	L E L I Y Y	QRRTYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
AHA9	Sequence	L E V I Y Y	QRRAYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
AHA10	Sequence	V L E I I I F I V	QRRSYRIGIN	NLLVLLIGGI	PIAMP VLSV	T L A G HRL	QQGAITKRMT
AHA11	Sequence	I E V I Y Y	QRRAYRPGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
Potri.006G005900	Sequence	L E I I Y Y	QRRRYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
Potri.006G165900	Sequence	V E I I Y Y	QRRKYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HKL	QQGAITKRMT
Potri.006G188600	Sequence	L V E I I Y Y	QNRRYREGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
Potri.006G275000	Sequence	I A E L I Y Y	QRRKYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
Potri.018G006000	Sequence	I E V I Y Y	QRRKYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT
Potri.018G090300	Sequence	V E L V I Y Y	QRRRYRDGID	NLLVLLIGGI	PIAMP VLSV	T A G HKL	QQGAITKRMT
Potri.018G112400	Sequence	L E I I Y Y	QNRRYREGID	NLLVLLIGGI	PIAMP VLSV	T A G HRL	QQGAITKRMT

		370	380	390	400	410	420
AHA1	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	VEVCKE	DQLLFMA	RVENQDAID
AHA2	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	VEVCKE	DQLLFMA	RVENQDAID
AHA3	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVYCKE	DELLFMA	RVENQDAID
AHA4	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVMKDA	DTVIMRA	RVENQDAID
AHA5	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	VEVAKG	EHFILRA	RVENQDAID
AHA6	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVSDDK	DYIILSRA	RVENQDAID
AHA7	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVKRIDR	DMAVIMRA	RVENQDAID
AHA8	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKS	EVPTNMDS	DSVIMRA	RVENQDAID
AHA9	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKSM	VEVVDLDA	DQLLVNRA	RVENQDAID
AHA10	Sequence	AIEEMAGMDV	LCDKTGTLT	LNSLSDKK	EVVDYMDK	DTILLGGA	RVENQDAID
AHA11	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVTKDA	DTVIMQA	RVENQDAID
Potri.006G005900	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKT	EVVDMDK	DTLIHRA	RVENQDAID
Potri.006G165900	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSIDKK	EVAKDK	DYIILRA	RVENQDAID
Potri.006G188600	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKS	EVIDMDK	DTLLLRA	RVENQDAID
Potri.006G275000	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDTS	EVAKTE	EHMLRA	RVENQDAID
Potri.018G006000	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKS	EVAKTE	EHMLRA	RVENQDAID
Potri.018G090300	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVAKDK	DHVLRA	RVENQDAID
Potri.018G112400	Sequence	AIEEMAGMDV	LCDKTGTLT	LNKLSDKK	EVAMDOR	DTLLHRA	RVENQDAID

		430	440	450	460	470	480
AHA1	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDSD	GMDRVKGA	PEIDIAA
AHA2	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDGS	GMDRVKGA	PEIDIAA
AHA3	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITFDSN	GMDRVKGA	PEIDIAA
AHA4	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDNE	GMDRVKGA	PEIDIAA
AHA5	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITVSD	GMDRVKGA	PEIDIAA
AHA6	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITDTN	GMDRVKGA	PEIDIAA
AHA7	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITDGE	GMDRVKGA	PEIDIAA
AHA8	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITDES	GMDRVKGA	PEIDIAA
AHA9	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITDAN	GMDRVKGA	PEIDIAA
AHA10	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITDSD	GMDRVKGA	PEIDIAA
AHA11	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITDSD	GMDRVKGA	PEIDIAA
Potri.006G005900	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITFDGN	GMDRVKGA	PEIDIAA
Potri.006G165900	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDAA	GMDRVKGA	PEIDIAA
Potri.006G188600	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDNN	GMDRVKGA	PEIDIAA
Potri.006G275000	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDSD	GMDRVKGA	PEIDIAA
Potri.018G006000	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDNN	GMDRVKGA	PEIDIAA
Potri.018G090300	Sequence	GMVVMLDP	KEARTEI	HFPFPTDK	RTAITDAD	GMDRVKGA	PEIDIAA
Potri.018G112400	Sequence	TSVNMLGDP	KEARTEI	HFPFPTDK	RTAITYDSK	GMDRVKGA	PEIDIAA

		490	500	510	520	530	540
AHA1	Sequence	RPDLRKLS	CIDYAEGL	RSLGRV	EXTKEPGG	PWEKGL	FDPPRHDS
AHA2	Sequence	SNDLSKLS	IDYAEGL	RSLGRV	EXTKEPGA	PWEKGL	FDPPRHDS
AHA3	Sequence	RADLRKLS	IDYAEGL	RSLGRV	EXTKEPGS	PWEKGL	FDPPRHDS
AHA4	Sequence	KSEIERRHA	VIDYAEGL	RSLGRV	EXTKEPAGG	PWEKGL	FDPPRHDS
AHA5	Sequence	KEDVRRKHS	VIDYAEGL	RSLGRV	EXTKEPAGG	PWEKGL	FDPPRHDS
AHA6	Sequence	KGETKRRAE	IDYAEGL	RSLGRV	EXTKEPAGT	PWEKGL	FDPPRHDS
AHA7	Sequence	KLEIKERHA	IDYAEGL	RSLGRV	EXTKEPAGS	PWEKGL	FDPPRHDS
AHA8	Sequence	QGETKRRAE	IDYAEGL	RSLGRV	EXTKEPAGS	PWEKGL	FDPPRHDS
AHA9	Sequence	REDASIRAND	IDYAEGL	RSLGRV	EXTKEPAGS	PWEKGL	FDPPRHDS
AHA10	Sequence	KNEIAQRTYA	IDYAEGL	RSLGRV	EXTKEPAGS	PWEKGL	FDPPRHDS
AHA11	Sequence	RAEIERRHA	VIDYAEGL	RSLGRV	EXTKEPAGG	PWEKGL	FDPPRHDS
Potri.006G005900	Sequence	KGNIRKMAE	IDYAEGL	RSLGRV	EXTKEPAGA	PWEKGL	FDPPRHDS
Potri.006G165900	Sequence	REDVKKHS	CIDYAEGL	RSLGRV	EXTKEPGA	PWEKGL	FDPPRHDS
Potri.006G188600	Sequence	KGETKRRAE	IDYAEGL	RSLGRV	EXTKEPGA	PWEKGL	FDPPRHDS
Potri.006G275000	Sequence	KEDVKKHS	VIDYAEGL	RSLGRV	EXTKEPAGA	PWEKGL	FDPPRHDS
Potri.018G006000	Sequence	KEDVKRRHS	VIDYAEGL	RSLGRV	EXTKEPGA	PWEKGL	FDPPRHDS
Potri.018G090300	Sequence	REDVKKHS	CIDYAEGL	RSLGRV	EXTKEPGA	PWEKGL	FDPPRHDS
Potri.018G112400	Sequence	EGEMEKMAE	IDYAEGL	RSLGRV	EXTKEPAGG	PWEKGL	FDPPRHDS

		550	560	570	580	590	600
AHA1	Sequence	T I R A L N L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S A	A L L T D K D S N	S I E E L I
AHA2	Sequence	T I R A L N L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L T H K D A N	L S I E E L I
AHA3	Sequence	T I R A L D L G V	V K M I T G D Q L	A I A K E T G R R L	G M G S N M Y P S	A L L K H K D E A	M H I E D L I
AHA4	Sequence	T I R A L N L G V	S V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L Q N K D E S	V A L D E L I
AHA5	Sequence	T I R A L N L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L Q V K D S	L G A L D E L I
AHA6	Sequence	T I R A L D L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L E N K D D T	T G G V D E L I
AHA7	Sequence	T I R A L H L G V	S V K M I T G D Q L	A I A K E T G R R L	G M G N M Y P S	A L L S D N N T E G	V S --- D E L I
AHA8	Sequence	T I R A L E L G V	V K M I T G D Q L	A I I E T G R R L	G M G N M Y P S T	A L L N S K D E	L V G I I D E L I
AHA9	Sequence	T I R A L D L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L Q D K D E	S L D E L I
AHA10	Sequence	T I L R A L S L G V	C V K M I T G D Q L	A I A K E T G R R L	G M G N M Y P S	A L L H N N D E	H E A I D E L I
AHA11	Sequence	T I R A L N L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L Q H K D E S	G A L I D D L I
Potri.006G005900	Sequence	T I R A L D L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L D N K D E S	S V D E L I
Potri.006G165900	Sequence	T I R A L N L G V	V K M I T G D Q L	A I A K E T G R R L	G M G N M Y P S A	A L L Q D K D A S	T L E E L I
Potri.006G188600	Sequence	T I R A L D L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L N S K D E S	S G I D E L I
Potri.006G275000	Sequence	T I R A L H L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L Q D K D A S	A L D E L I
Potri.018G006000	Sequence	T I R A L H L G V	V K M I T G D Q L	A I A K E T G R R L	G M G N M Y P S	A L L Q D K D A A	A L D E L I
Potri.018G090300	Sequence	T I R A L N L G V	V K M I T G D Q L	A I A K E T G R R L	G M G N M Y P S A	A L L Q H K D A S	S L E E L I
Potri.018G112400	Sequence	T I R A L D L G V	V K M I T G D Q L	A I K E T G R R L	G M G N M Y P S	A L L N S K D E G	G I D E L I

		610	620	630	640	650	660
AHA1	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R G
AHA2	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R G
AHA3	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R G
AHA4	Sequence	E A D G F A G V F	P E H K Y E I V R	L Q A R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S
AHA5	Sequence	E A D G F A G V F	P E H K Y E I V H R	L Q Q N H V G M	T G D G V N D A P A	L K A D I G	V D A T D A A R G
AHA6	Sequence	E A D G F A G V F	P E H K Y E I V R	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D D A T D A A R S
AHA7	Sequence	E N A D G F A G V F	P E H K Y E I V R	L Q S R K H V G M	T G D G V N D A P A	L K A D I G	D D A T D A A R G
AHA8	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S
AHA9	Sequence	E A D G F A G V F	P E H K Y E I V R	L Q E M K H V G M	T G D G V N D A P A	L K R A D I G	D A T D A A R S
AHA10	Sequence	E M A D G F A G V F	P E H K Y E I V I	L Q E M K H V V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S S
AHA11	Sequence	E A D G F A G V F	P E H K Y E I V R	L Q A R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S
Potri.006G005900	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S
Potri.006G165900	Sequence	E R A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S
Potri.006G188600	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R S
Potri.006G275000	Sequence	E A D G F A G V F	P E H K Y E I V R	L Q E R K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R G
Potri.018G006000	Sequence	E A D G F A G V F	P E H K Y E I V R	L Q E R K H V G M	T G D G V N D A P A	L K A D I G -- I	D A T D A A R G
Potri.018G090300	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E S K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R G
Potri.018G112400	Sequence	E A D G F A G V F	P E H K Y E I V K	L Q E M K H V G M	T G D G V N D A P A	L K A D I G	D A T D A A R G

		670	680	690	700	710	720
AHA1	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F I	W E D F A F
AHA2	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F I	W E D F A F
AHA3	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F I	W K D F A F
AHA4	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L	W Q D F P F
AHA5	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F F I	W Q D F S F
AHA6	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L V	W E D F A F
AHA7	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L M G F L C	V F W E D F P F
AHA8	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L V	W R D F A F
AHA9	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L M G F L V	W K D F A F
AHA10	Sequence	A D I V L T D P G L	S V I S A V L - T	S R A I F Q R M R N	Y T V Y A V S I T	R L L G F T L	W E Y D F P F
AHA11	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L L	W K D F P F
Potri.006G005900	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L V	W K D F S F
Potri.006G165900	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F I	W K Y D F S F
Potri.006G188600	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L V	W K D F A F
Potri.006G275000	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F F I	W K D F A F
Potri.018G006000	Sequence	D I V L T E P G L	S V I S A V L L T	S R A I F Q R M N	Y T Y A V S I T -	--- F G F F I	W K D F A F
Potri.018G090300	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L F G F I	W K Y D F S F
Potri.018G112400	Sequence	D I V L T E P G L	S V I S A V L - T	S R A I F Q R M N	Y T Y A V S I T	R L L G F L V	W K D F S F

		730	740	750	760	770	780											
AHA1	Sequence	M	AILND	GTIMTISKDR	KPSPTPD	W	KLKEIF	GI	V	GGYQ	I	S	VIF	WA	HK			
AHA2	Sequence	M	AILND	GTIMTISKDR	KPSPTPD	W	KLKEIF	G	V	GGYQ	I	S	VIF	WA	HK			
AHA3	Sequence	M	AILND	GTIMTISKDR	KPSPTPD	W	KLKEIF	G	V	GGYQ	I	S	VVF	WA	YK			
AHA4	Sequence	M	AILND	GTIMTISKDR	KPSPLPD	W	KLSEIF	G	V	FGSYM	M	I	VIF	WVS	YK			
AHA5	Sequence	M	AILND	GTIMTISKDR	MKPSQPD	W	KLRDIFS	G	V	GGYQ	L	S	VVF	WVM	KDS			
AHA6	Sequence	M	AILND	GTIMTISKDR	KPSPIPD	W	KLKEIF	G	V	GTYM	L	V	VVF	WL	HD			
AHA7	Sequence	M	V	AILND	GTIMTISKDR	KPSPTPD	CW	KLKEIF	G	V	GAYL	I	S	VVF	WA	YE		
AHA8	Sequence	M	AILND	GTIMTISKDR	KPSPVPD	W	KLNEIF	G	V	GTYM	L	T	VLF	WL	HD			
AHA9	Sequence	M	V	AILND	GTIMTISKDR	KPSPLPD	W	KLKEIF	G	V	GTYL	L	V	VVF	WA	ES		
AHA10	Sequence	M	AILND	GTIMTISKDR	RPSPTPE	W	KLNQIF	GI	V	IGTYL	L	V	VLF	Y	W	I	I	VS
AHA11	Sequence	M	AILND	GTIMTISKDR	KPSPLPD	W	KLSEIF	G	V	FGSYM	M	I	VIF	WA	YK			
Potri.006G005900	Sequence	M	AILND	GTIMTISKDR	KPSPVPD	W	KLKEIF	MG	V	GTYL	L	I	VLF	WL	HG			
Potri.006G165900	Sequence	M	AILND	GTIMTISKDR	KPSPLPD	W	KLKEIF	GI	V	GGYL	L	S	VIF	W	AV	HD		
Potri.006G188600	Sequence	M	AILND	GTIMTISKDR	KPSPVPD	W	KLKEIF	G	V	GTYM	L	I	VLF	WL	HD			
Potri.006G275000	Sequence	M	AILND	GTIMTISKDR	KPSPQPD	W	KLKEIFS	GI	V	GGYM	L	S	VLF	W	I	M	KD	
Potri.018G006000	Sequence	M	----	AILND	GTIMTISKDR	KPSPLPD	W	KLKEIFS	G	V	GGYL	L	S	VLF	W	I	M	KD
Potri.018G090300	Sequence	M	AILND	GTIMTISKDR	KPSPLPD	W	KLKEIF	GI	V	GGYL	L	S	VIF	W	AV	HD		
Potri.018G112400	Sequence	M	AILND	GTIMTISKDR	KPSPVPD	W	KLKEIF	G	V	GTYMSI	L	S	VVF	WL	V	HD		

		790	800	810	820	830	840		
AHA1	Sequence	DFFDHFV	IL	-----	DNND	EMGVYLQV	SSQALIFV	TRSRWS	TE
AHA2	Sequence	DFFDTFV	IL	-----	DNNH	EMGVYLQV	SSQALIFV	TRSRWS	TE
AHA3	Sequence	DFFPRTFHV	DL	-----	GSEH	EMMSYLQV	SVSQALIFV	TRSRWS	TE
AHA4	Sequence	DFFPRTFVA	TL	-----	EKTAHDDFR	KIASIYLQV	SSQALIFV	TRSRWS	TE
AHA5	Sequence	DFFNIFYV	PLS	-----	QRPE	QMMAYLQV	SSQALIFV	TRSRWS	YAE
AHA6	Sequence	TFFDHFV	LQ	-----	GKDE	EIAVYLQV	SSQALIFV	TRSRWS	TE
AHA7	Sequence	NFFHNI FHV	NFNQH HFKMK	DKKVA	AHLNE	QMASVYLQV	STSQALIFV	TRSRWS	TE
AHA8	Sequence	DFFKTFV	IQ	-----	GNEE	EMAYYLQV	SSQALIFV	TRSRWS	TE
AHA9	Sequence	DFFAHFV	IS	-----	GNPH	ETAVYLQV	SVSQALIFV	TRSRWS	Y
AHA10	Sequence	TFFEKHFVK	IA	-----	NNSE	QVSSMYLQV	SSQALIFV	TRSRGWS	FE
AHA11	Sequence	DFFPRTFVS	TL	-----	EKTAHDDFR	KIASIYLQV	SSQALIFV	TRSRWS	Y
Potri.006G005900	Sequence	DFFDHFV	IL	-----	GKPD	ETAVYLQV	SSQALIFV	TRSRWS	TE
Potri.006G165900	Sequence	DFFEKHFV	IL	-----	KNDE	EMMGYLQV	SVSQALIFV	TRSRWS	I
Potri.006G188600	Sequence	DFPEKHFV	TI	-----	GKPD	ETAVYLQV	SSQALIFV	TRSRWS	TE
Potri.006G275000	Sequence	DFFDHFV	IL	-----	NNDK	EMMAYLQV	SVSQALIFV	TRSRWS	TE
Potri.018G006000	Sequence	DFFDHFV	IL	-----	DSKY	EMMAYLQV	SVSQALIFV	TRSRWS	TE
Potri.018G090300	Sequence	DFFNIFYV	IL	-----	HHDE	EMMGYLQV	SVSQALIFV	TRSRWS	I
Potri.018G112400	Sequence	DFFEKHFV	IL	-----	GKPD	ETAVYLQV	SSQALIFV	TRSRWS	TE

		850	860	870	880	890	900																																														
AHA1	Sequence	P	P	G	A	L	M	I	A	F	V	I	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	V	K	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	L	K	F	A				
AHA2	Sequence	P	P	G	A	L	M	I	A	F	V	L	I	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	R	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	V	F	K	F	A			
AHA3	Sequence	P	P	G	Y	F	L	I	A	F	V	W	V	A	Q	L	I	A	T	A	I	I	N	S	E	F	A	K	K	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	M	K	F	A			
AHA4	Sequence	P	P	G	I	F	L	M	I	A	F	V	I	L	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	E	G	W	W	G	I	I	W	I	N	I	F	I	Y	F	I	Q	D	F	I	K	F	F		
AHA5	Sequence	C	P	G	L	L	L	G	A	F	V	I	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	E	A	G	W	W	G	I	I	W	I	S	S	F	L	I	Y	F	I	Q	D	L	L	K	F	G		
AHA6	Sequence	P	P	G	L	L	L	I	A	F	V	F	V	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	T	K	C	G	W	W	C	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	L	K	F	I	
AHA7	Sequence	P	P	G	F	L	V	I	A	F	V	L	I	A	Q	L	I	A	S	V	I	I	N	S	E	F	A	K	R	S	G	W	W	T	G	I	I	W	I	F	N	I	Y	F	I	Q	D	P	I	K	F	L	V
AHA8	Sequence	P	P	G	F	L	L	I	A	F	V	L	I	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	V	C	G	W	W	G	G	I	W	V	S	S	F	I	Y	F	I	Q	D	L	K	F	I			
AHA9	Sequence	P	P	G	F	W	L	I	S	A	F	V	F	M	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	R	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	L	K	F	I			
AHA10	Sequence	P	P	G	T	L	I	F	A	F	V	L	I	A	Q	L	A	A	T	I	I	N	S	E	F	A	K	T	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	V	I	K	F	V			
AHA11	Sequence	P	P	G	M	L	V	V	A	F	V	L	I	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	E	G	W	W	G	I	I	W	I	N	I	F	I	Y	F	I	Q	D	I	K	F	L				
Potri.006G005900	Sequence	P	P	G	L	L	V	G	A	F	V	L	A	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	Q	G	W	W	G	I	I	W	I	F	S	S	F	I	Y	F	I	Q	D	L	K	F	I			
Potri.006G165900	Sequence	P	P	G	L	L	V	S	A	F	V	M	I	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	K	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	M	K	F	A				
Potri.006G188600	Sequence	C	P	G	L	L	V	S	A	F	V	I	A	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	E	G	W	W	G	I	I	W	I	F	S	S	F	I	Y	F	I	Q	D	I	K	F	I			
Potri.006G275000	Sequence	P	P	G	F	L	L	G	A	F	V	V	A	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	E	C	G	W	W	G	I	I	W	I	F	V	I	Y	F	I	Q	D	L	K	F	A				
Potri.018G006000	Sequence	P	P	G	L	L	V	S	A	F	V	V	V	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	K	C	G	W	W	G	I	I	W	I	F	L	I	Y	F	I	Q	D	V	L	K	F	A			
Potri.018G090300	Sequence	P	P	G	L	L	L	S	A	F	V	L	M	A	Q	L	I	A	T	I	I	N	S	E	F	A	K	K	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	M	K	F	A				
Potri.018G112400	Sequence	C	P	G	L	L	V	G	A	F	V	L	I	A	A	Q	L	M	A	T	I	I	N	S	E	F	A	K	Q	V	G	W	W	G	I	I	W	I	S	S	F	I	Y	F	I	Q	D	L	K	F	I		

		910	920	930	940	950	960
AHA1	Sequence	RYILGKWA	SLFDRIA T	KKDYGIG E	EQQQLQR	HSQKEDV	N-I---PE
AHA2	Sequence	RYILGKWL	LFERKAT	MKDYGKEE	EQQQLQR	HSQKEAV	N-I---PE
AHA3	Sequence	RYILAGTWK	IIDRIA T	KQNYGIEE	EQQHLQR	HSQNTETA	N-VV---PER
AHA4	Sequence	RYALTGRWD	LVIQRVA T	RODFGKEQ	ELTHHQR	HSQADTK	--M T---DR
AHA5	Sequence	RYVLGKWL	LLEKKA T	KKDYGKEE	EQQALQR	HSQAEKN	N-I---NE
AHA6	Sequence	RYTLGKWN	MIERIA T	KKDYGGER	EQQQLQR	HSQKTES	--M---EDT
AHA7	Sequence	RYALTGKSWD	RMVEGRALT	GKNFGQEE	MAATTEKR	QHSETGQKP	--VY---ER
AHA8	Sequence	RYALTGKWD	MINQKAT	KKDYGGER	EQQQLQR	HSQPTEA	--M---NDN
AHA9	Sequence	RYSLGRWD	VIERKAT	SKDYGGER	EQQQLQR	HSQQAQS	D-M---ND
AHA10	Sequence	HYALTGEWN	LVLDRRIA T	YKDYGDDG	SPNVTISRS	RSAEELR	-----
AHA11	Sequence	RYALTGRWD	LVIQRVA T	RODFGKEQ	ELTHHQR	HSQADAK	--M P---ER
Potri.006G005900	Sequence	RYALTGKWD	LLEKKA T	KKDYGGER	EQQTLQR	HSQSET	--MK---NDK
Potri.006G165900	Sequence	RYILGKWL	LLEKKA T	KKDYGKEE	EQQQLQR	HSQPTEA	G-V---NE
Potri.006G188600	Sequence	RYALTGKWD	MLQKAT	NKDYGGER	EQQTLQR	HSQTE	--M---NDK
Potri.006G275000	Sequence	RYILGKWD	LLEKKA T	KKDYGKEE	EQQTLQR	HSQPTES	HN M---SE
Potri.018G006000	Sequence	RYILGKWD	FLERKAT	KKDYGKEE	EQQTLQR	HSQQAQN	T-I---SD
Potri.018G090300	Sequence	RYILGKWL	LLDKAT	KKDYGKEE	EQQHLQR	HSQPTEA	G-I---NE
Potri.018G112400	Sequence	RYALTGKWD	LLQKAT	KKDYGGER	EQQTLQR	HSQTE	--M---NDK

		970	980	990	1,000	1,010	1,020
AHA1	Sequence	GSRESELA	EQKRAEI	RREHTK	HVESAKK	DDI-AGH	TI.....
AHA2	Sequence	GSRESELA	EQKRAEI	RREHTK	HVESAKK	DDI-P-S	TI.....
AHA3	Sequence	GGRESELA	NQKRAEI	RREHTK	HVESAKK	DDI-AG-	TI.....
AHA4	Sequence	THVSEINQMA	EQKRAEI	RREHTK	HVESAKK	DDI-QQA	TI.....
AHA5	Sequence	NSRESELA	EQKRAEVV	RREINTK	HVESAKK	DDI-QQA	TI.....
AHA6	Sequence	ATTTESELA	EQMKRAEV	RREVHTK	HVESAKK	DDI-DN-LNN	TI.....
AHA7	Sequence	NSATEINNMA	EQKRAEI	RMREQT K	KESAAK K	YDLED PNSNN	TI.....
AHA8	Sequence	K--NESELA	EQKRAEV	RREHTK	HVESAKK	DDI-QQA	TI.....
AHA9	Sequence	STRESELA	DDKRAEV	RREHTK	HVESAKK	DDI-EA-QQA	TI.....
AHA10	Sequence	GSRSRATWIA	ETTRAEI	RLEVSVSR	HLESIKKQ	IDQRM-RAA	HT.....
AHA11	Sequence	THFNEINQMA	EQKRAEI	RREHTK	HVESAKK	DDI-QQA	TI.....
Potri.006G005900	Sequence	ASRESELA	EQKRAEV	RREHTK	HVESAKK	DDI-QQA	TI.....
Potri.006G165900	Sequence	SGRESELA	EQKRAEV	RREHTK	HVESAKK	DDI-QQA	TI.....
Potri.006G188600	Sequence	TTRESELA	EQMKRAEV	RREHTK	HVESAKK	DDI-QQA	TI.....
Potri.006G275000	Sequence	NSRESELA	EQKRAEM	RREINTK	HVESAKK	DDI-QQA	TI.....
Potri.018G006000	Sequence	SSRESELA	EQKRAEM	RREINTK	HVESAKK	DDI-QQA	TI.....
Potri.018G090300	Sequence	SSRESELA	EQKRAEV	RREHTK	HVESAKK	DDI-QQA	TI.....
Potri.018G112400	Sequence	TTRENELA	EQMKRAEV	RREHTK	HVESAKK	DDI-QQA	TI.....