

	MKYAFAAN	MNINLIRE	KNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYG	ISESN		FESIVE	EKFV	STFENGWD	GAYE																																																																														
.....	MNLKELVRE	IKNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYG	ISESN	.....	FESIVE	EKFV	STFENGWD	GAYE	68																																																																														
.....	MNLKELVRE	IKNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYG	ISESN	.....	FESIVE	EKFV	SNFENGWD	GAYE	68																																																																														
.....	MNINDLIRE	IKNKDYTVKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																														
.....	GSMNINDLIRE	IKNKDYTVKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	70																																																																														
.....	MNINELIRE	IKNKDYTAKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																														
.....	MNINELIRE	IKNKDYTAKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																														
.....	MNINELIRE	IKNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																														
.....	MKVPAFFAAN	ILTIEQII	EAINN	.....	DGSAMT	SAPET	AGYYA	DAATDA	LESEN	DLEQ	LTEDDF	VAHLEVLEE	..RGA	75																																																																													
.....	MKVPAFFAAN	ILTIEQII	EAINN	.....	DGSAMT	SAPET	AGYYA	DAATDA	LESEN	DLEQ	LTEDDF	VAHLEVLEE	..RGA	75																																																																													
.....	MKVPAFFAAN	ILTIEQII	EAINN	.....	DGSAMT	SAPET	AGYYA	DAATDA	LESEN	DLEQ	LTEDDF	VAHLEVLEE	..RGA	75																																																																													
.....	MTIYLSNAIEN	QSDIEQVV	ELINEG	TC	MEGIE	FTAD	LAGQY	ASAKDF	VDSAG	....	MTADD	LEAQL	EFLSA	..AGAV	77																																																																												
.....	MISTALKQADS	IEQVVQI	IDNGG	....	TAHQ	PEET	AGQY	AY...LV	MLHQKT	....	VDKQV	AKKPL	DDLMS	..QCAM	66																																																																												
.....	MRFTSPSR	TIPSI	CLA	IYGC	QLDR	VADF	INNS	G	EYV	ED	GV	TF	PGM	I	AGQY	AF...V	QVK	LD	RK	G....	YD	TR	RL	KY	LS	FL	AD	..	GA	FF	83																																																												
.....	MIDFNS	IDHAT	AL	I	QK	.....	D	PEQ	ANA	I	AGE	Y	A	Q	MARE	A	E	Y	E	I	A	S	E	S	G	F	G	M	E	D	E	F	D	Q	L	E	F	L	I	N	..	A	G	L	V	F	66																																												
.....	MNAEYIV	CAAL	WDM	DFS	K	L	V	P	F	F	A	M	D	H	T	....	V	R	H	P	K	F	T	..S	E	Y	LAG	Q	Y	A	Y...Y	A	A	T	S	R	D	T....	V	N	K	R	T	F	K	D	E	L	K	F	L	R	E	..	L	G	I	K	F	73																															
.....	MTQLTAQ	QEK	SIR	A	F	K	F	Q	F	N	P	Y	G	A	C	G	L	G..	D	V	L	T	A	F	E	D	E	R	D	E	E	S	C	I	F	M	T	A	Y	A	I	D	G	A	Y	E	S	G	..Y	F	D	I	N	T	E	A	Q	L	E	A	L	R	E	..	H	G	A	K	F	81																					
MNGNEI	V	E	E	I	E	F	L	N	K	K	G	A	K	F	D	I	D	Q	F	E	T	E	N	K	T	L	K	L	E	V	E	F	P	K	P	I	I	L	T	E	T	E	Y	D	M	L	Y	D	L	K	S	L	G	F	Y	P	V	N	G	A	E	N	K	I	N	..	E	Y	V	G	Y	K	N	Y	T	G	I	E	E	F	E	N	D	A	G	D	K	I	W	L	97
.....	MSKKF	L	E	I	V	G	N	A	S	T	A	T	F	N	G	L	I	G	N	....	V	N	A	S	A	Y	E	K	D	G	E	I	I	H	L	E	T	N	..	G	S	R	W	K	S	S	P	....	E	V	R	M	T	K	E	E	Y	D	S	F	C	E	K	Q	S	R	P	L	F	74																					

DEEEFYNDMQDI	VNR.HFK	86
DEEEFYNDMQDI	VNR.HFK	86
DEEEFYNDMQTI	TLKSELN	87
DEEEFYNDMQTI	TLKSELN	89
DEEEFYNDMQTI	TLKSELN	87
DEEEFYNDMQTI	TLKSELN	87
DEEEFYNDMQTI	TLKSELN	87
DRDAATAV	LQFQAAA	100
NRDAATAV	LQFQAAA	100
DRDAATAV	LQFQAAA	100
SESVAVDHGLK	IAAADTE	95
DYDLALQQAEN	LLNLVET	85
SEEEALQRA	DDIINNFTADFGHDE	183
DVQEAINKARS	LIHANQSPC	86
DADQALRYAVY	LSGILDYQSSKLKWL	99
DFGKAL	EL	89
EYNKVSVC	GETTYFVKNVEVELNTEEFMNL	129
VRGIE	FGAELLS	88

logo

			QYYTVSEGLTVEDLLDYSLLDYPNFDHDESGKTYNLMENIAQRYYTECIKVVMDYFRDAHKELPDVIIRSEEITSMILQPMKLPIMAN	
Acr00194	type	II-A	.....	86
Acr00193	type	II-A	.....	86
Acr00192	type	II-A	.....	87
Acr00199	type	II-A	.....	89
Acr00198	type	II-A	.....	87
Acr00197	type	II-A	.....	87
Acr00195	type	II-A	.....	87
Acr00072	type	I-E, I-F	.....	100
Acr00074	type	I-F	.....	100
Acr00073	type	I-F	.....	100
Acr00075	type	I-F	.....	95
Acr00077	type	I-F	.....	85
Acr00083	type	I-F	QYYTVSEGLTVEDLLDYSLLDYPNFDHDESGKTYNLMENIAQRYYTECIKVVMDYFRDAHKELPDVIIRSEEITSMILQPMKLPIMAN	270
Acr00078	type	I-F	.....	86
Acr00079	type	I-F	.....	99
Acr00080	type	I-F	.....	89
Acr00024	type	I-D	.....	129
Acr00126	type	I-E, I-F	.....	88
consensus				

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved