

	MKYAFAAN	MNINLIRE	KNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYG	ISESN	FESIVE	EKFFV	STFENGWD	GAYE																																																																															
.....	MN	LKELVRE	IKNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYG	ISESN	.....	FESIVE	EKFFV	STFENGWD	GAYE	68																																																																													
.....	MN	LKELVRE	IKNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYG	ISESN	.....	FESIVE	EKFFV	SNFENGWD	GAYE	68																																																																													
.....	MN	INDLIRE	IKNKDYTVKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																													
.....	GSM	MN	INDLIRE	IKNKDYTVKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	70																																																																												
.....	MN	INELIRE	IKNKDYTAKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																													
.....	MN	INELIRE	IKNKDYTAKLS	GTDNS	SITQL	LIIRVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																													
.....	MN	INELIRE	IKNKDYTAKLS	GTDNS	SITQL	LIHVNND	GNEYV	ISESE	.....	NESIVE	EKFIS	SAFKNGWN	QEYE	68																																																																													
.....	MKVPAFFAAN	IL	TI	EQII	IEA	INN	.....	DGSAMT	SAPET	AGYYA	DAATDA	LESEN	DLEQ	LT	EDDFVAHLE	VLLEE	..	RGAKI	75																																																																								
.....	MKVPAFFAAN	IL	TI	EQII	IEA	INN	.....	DGSAMT	SAPET	AGYYA	DAATDA	LESEN	DLEQ	LT	EDDFVAHLE	VLLEE	..	RGAKI	75																																																																								
.....	MKVPAFFAAN	IL	TI	EQII	IEA	INN	.....	DGSAMT	SAPET	AGYYA	DAATDA	LESEN	DLEQ	LT	EDDFVAHLE	VLLEE	..	RGAKI	75																																																																								
.....	MTIYLSNAIEN	QADS	IEQVV	VEL	INEGT	CEG	ME	GIEFT	AD	I	LAGQY	ASAKDFV	DSAG	.....	MTADD	LE	EAQLE	FLSA	..	AGAVF	77																																																																						
.....	MISTALK	QADS	IEQVV	QI	IDNG	.....	TAQH	G	PEET	AGQY	AY	.....	LVML	HQKT	.....	VDKQ	AVK	KKPL	DDLMS	..	QCAMF	86																																																																					
.....	MRFTSP	SRTIPS	ICLA	IY	GCGQL	LDR	VADF	INNS	G	EYV	ED	GV	FTF	PGM	I	AGQY	A	FE	.....	QVK	LDR	KG	.....	YD	TRRL	K	QYLS	FLAD	..	AGAFF	83																																																												
.....	.....	MIDFNS	ID	HA	TAL	I	QK	.....	D	PEQANA	I	AGEY	A	QMARE	A	EY	EI	ASES	G	F	G	M	D	ED	F	D	Q	L	E	F	L	I	N	..	AGLVF	66																																																							
.....	MNAEYIV	CAALWD	M	D	F	S	K	L	V	P	F	F	A	M	D	H	T	.....	V	R	H	P	K	F	T	SEY	I	AGQY	AY	.....	YA	AT	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																																
.....	MTQL	TAQ	Q	E	K	S	I	R	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	A	T	A	Y	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
.....	MSKK	F	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
DADQALRYAVYL	SGILDYQSSKLKWL	99
DFGKAL	EL	89
EYNKVSVC	GETTYFVKNVEVELNTEEFMNLFF	129
VRGIE	FGAEALLS	88
* * * * *		

logo

			QYYTVSEGLTVEDLLDYSLLDYPNFDHDESGKTYNLMENIAQRYYTECIKVVMDYFRDAHKELPDVI RSEEITSMILQPMKLPIMAN	
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	QYYTVSEGLTVEDLLDYSLLDYPNFDHDESGKTYNLMENIAQRYYTECIKVVMDYFRDAHKELPDVI RSEEITSMILQPMKLPIMAN	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