

logo

NTDB id 1292 VP RS12235 WP 005479693.1	...MKHSKQKK	QKGF	TLIELMIVVAIIGV	LAAAAI	PAYQNYVTR	SEVTS	GLATVKALIT	PAELHYQ	.ENGIAAAA		71					
NTDB id 1038 HON27 RS01510 WP 000993725.1	MNA	KQGF	TLIELMIVVAIIG	LAAAI	IPQYQNYIA	KSQVNS	GFSEISSI	KTGYENAVN	.EGAV	PTKLSDV..	69					
NTDB id 1192 PAKAF RS23870 WP 024947914.1	MKA	KQGF	TLIELMIVVAIIG	LAAAI	IPQYQNYVAR	SEGASA	LASVNPL	KTTVEALS	.RGWS	VKSGTGTED	71					
NTDB id 1197 PSJM300 03940 AFN76866.1	MKAQM	KQGF	TLIELMIVVAIIG	LAAAI	L	PAYQDYTV	RSNAAA	ALAEITPG	KIGFEQA	IN.EGKTP	SLTSTDE.	72				
NTDB id 1204 PSJM300 03935 AFN76865.1	MKPVKSSC	R	GFS	LIELMIVVAIIG	LAAAI	L	PAYQNYTVR	STAASA	LAEITPA	KAAFEQA	IS.EGHT	PSLVSSLP.	74			
NTDB id 1191 AAC28468.1 484..945()	MLKKV	KQGF	TLIELMIV	IAI	IGILAAI	AL	PAYQDYT	ARAQATE	GFKATAGL	QTD	L	GAWRADRG	SFPNAAALVAG	74		
NTDB id 1109 OK783 RS10670 WP 157147416.1	MNTL	KQGF	TLIELMIV	IAI	V	GILAAV	AL	PAYQDYT	ARAQVSE	ATLLAEGQ	KS	AVTEYYLNHG	GIWPKDNTSA..	71		
NTDB id 1119 NGFG RS11465 WP 017147169.1	MNTL	KQGF	TLIELMIV	IAI	V	GILAAV	AL	PAYQDYT	ARAQVSE	ATLLAEGQ	KS	AVTEYYLNHG	KWIPENNTSA..	71		
NTDB id 1188 NELON RS01755 WP 003772458.1	MKAM	KQGF	TLIELMIV	IAI	IGILAAI	AL	PAYQDYTV	RSKVSE	ALIAASSP	KS	ALSEAFQTD	GITGMTAAAKAF		73		
NTDB id 322253 EBA25 RS08260 WP 011408068.1	MKK	Q	KGF	TLIELMIVVAI	II	A	LAAAI	L	PAYQDYT	T	TRAKL	SEALTMSAPA	KL	AVTETASSL	CGVANVTLAN..	70
NTDB id 1424 RS RS02795 WP 011000517.1	MKSMRHLNKR	V	KQGF	TLIELMIVVAI	V	G	LAAAI	IP	PAYQDYT	TVR	RVTEGL	SLAAQA	KALVSE	NAANAQ	SDLSV.....	74
NTDB id 1002 ACIAD RS15100 WP 004923779.1	MNA	KQGF	TLIELMIV	IAI	IGILAAI	IP	PAY	TDYTVR	RVSEGL	TAASSM	K	TTVSE	ENILNA	C	GALVAGTPST..	70
NTDB id 1274 LPP RS09530 WP 011214168.1	MR	KQGF	TLIELMIVVAI	IGILAAI	IP	PAYQDYT	IRARVTEGL	TLADSA	KL	AVSE	TAITNNAL	P	ATQAAT..			69
NTDB id 1258 GC085 RS09745 WP 014844212.1	MR	KQGF	TLIELMIVVAI	IGILAAI	IP	PAYQDYT	IRARVTEGL	TLADSA	KL	AVSE	TAITNNAL	P	ATQAAT..			69
consensus																

logo

NTDB id 1292 VP RS12235 WP 005479693.1	TLAQL	GVDVAANDLG	AIDSA...LAGG	...SPTLTFTF	DADSSIDGG	ILTFTRD		119
NTDB id 1038 HON27 RS01510 WP 000993725.1	GFTAATSSV	CATYSIDAFT	ETD...	AGKIT	CTL...KG..NPKIATKIV	ELTRS		116
NTDB id 1192 PAKAF RS23870 WP 024947914.1	AT...KKEVPL	GVAADANKLG	TIALKP..DPADG	...TADITLTFT	..MGGAGPKNKGKI	ITLRTA		128
NTDB id 1197 PSJM300 03940 AFN76866.1	GYI	GITDSTS.YCDVD	LD..TAADG	..H..IE.CTA..KGGNAGKFDG	KTITLNRT			118
NTDB id 1204 PSJM300 03935 AFN76865.1	GFI	GIGASTN.YC	TVTLI...ATATG	...S..IT.CTT...QNGMPDRF	NGKTIT	IART		120
NTDB id 1191 AAC28468.1 484..945()	NVIFDSA	NGLDGKYFAPG	GVTVT.PDT	CAINIAFDAG	ANAGKMT	ITPTVI	AASG	128
NTDB id 1109 OK783 RS10670 WP 157147416.1	G	VASA.STIKGKYVQKV	EVAKG	V	TAQMAS...TGVNKEIQDKKLSL	LWA	KRQD	120
NTDB id 1119 NGFG RS11465 WP 017147169.1	G	VASPPTDIKGKYVKEV	EVKNG	V	VATMLS...SGVNNEIKGKKLSL	W	RREN	121
NTDB id 1188 NELON RS01755 WP 003772458.1	NKTAAAGGGGAG	AAAAAGTQHASKYVKS	VKTEA..SPWD	ITVAISATEANGIPTGLD	GNTIRLFPLVNK	AVP.AATST		148
NTDB id 322253 EBA25 RS08260 WP 011408068.1	SGY	SFGATKYV	SNV.TIADG	...TGLVTVTST.V	PNA	AGTILLTPKD	VGG	116
NTDB id 1424 RS RS02795 WP 011000517.1	GSSVF	...TPTKNVANL	TIAGTGTVP	QITV	TYT.T.....AAGGGT	LALVPTAAGTALPVSSAPS		131
NTDB id 1002 ACIAD RS15100 WP 004923779.1	AGSSCV	GVQEISASNATTN	VATA...TCGASSAG	QII	VTMDTT.....KAKGAN	ITLTPT	YAS	125
NTDB id 1274 LPP RS09530 WP 011214168.1	GYV	SPAATPN	VASI...AIGA..NGV	ITITY.TA.....AAGGGT	I	VTPTL	QAN	113
NTDB id 1258 GC085 RS09745 WP 014844212.1	GYV	SPAATPN	VQSI...AIGA..NCV	ITITY.TA.....AAGGGT	I	MTPTL	QAN	113
consensus								

<0

logo

NTDB id 1292 VP RS12235 WP 005479693.1	AATGWSCLPT.....APAIA.VDGC	139
NTDB id 1038 HON27 RS01510 WP 000993725.1	TDGAWTCVSD.....VPTEFLPKGCTAGTPTEGAITS	149
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ADGLWKCTSD.....QDEQFIPKGC	150
NTDB id 1197 PSJM300 03940 AFN76866.1	ADGEWSCAST.....LDAKYKPGKCS	139
NTDB id 1204 PSJM300 03935 AFN76865.1	TDGLWDCTSD.....LDSRYKPGKCL	141
NTDB id 1191 AAC28468.1 484..945()	QISTWTCAPG.....AANGIETRRLPTSCQ*	153
NTDB id 1109 OK783 RS10670 WP 157147416.1	GSVKWFCGQPVTRTGDNDTVA..DANNAIDTKHLPSTCR	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCR	166
NTDB id 1188 NELON RS01755 WP 003772458.1	GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK	188
NTDB id 322253 EBA25 RS08260 WP 011408068.1	GQLKWTCSA.....ILTKYLPACRSGT	141
NTDB id 1424 RS RS02795 WP 011000517.1	GPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPACR	168
NTDB id 1002 ACIAD RS15100 WP 004923779.1	GAVTWKCTTT.....S.DKKYVPSECRG	147
NTDB id 1274 LPP RS09530 WP 011214168.1	GDVTWTCTGG.....TLAKYRPASCRP	136
NTDB id 1258 GC085 RS09745 WP 014844212.1	GDVTWTCTGG.....TLAKYRPASCRP	136
consensus	* * !*!	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved