

NTDB id 1192	PAKAF RS23870 WP 024947914.1	MKA	QKGFTLIELMIV	V	A	I	G	I	L	A	A	I	P	Q	Y	N	V	A	R	S	E	G	A	L	A	S	V	N	P	L	K	T	V	E	A	L	S	R	G	S	V	K	S	G	T	G	T	E	D	71																			
NTDB id 1038	HON27 RS01510 WP 000993725.1	MNA	QKGFTLIELMIV	V	A	I	G	I	L	A	A	I	P	Q	Y	N	I	A	K	S	Q	V	N	S	G	F	S	E	I	S	S	I	K	T	G	Y	E	N	A	V	N	E	G	A	V	P	T	K		65																			
NTDB id 1188	NELON RS01755 WP 003772458.1	MKA	QKGFTLIELMIV	V	A	I	G	I	L	A	A	I	P	P	A	Y	Q	D	Y	T	V	R	S	K	V	S	E	A	L	A	A	S	S	P	K	S	A	L	S	E	A	F	Q	T	D	G	I	T	G	M	T	A	A	A	K	A	F	73											
NTDB id 1424	RS RS02795 WP 011000517.1	MKSMRHLNKR	V	Q	K	G	F	T	L	I	E	L	M	I	V	V	A	I	G	I	L	A	A	I	P	A	Y	Q	D	Y	T	V	R	A	R	V	T	E	G	L	S	L	A	A	Q	A	K	A	L	V	S	E	N	A	N	A	Q	S	D	L	S	V		74					
NTDB id 1002	ACIAD RS15100 WP 004923779.1	MNA	QKGFTLIELMIV	V	A	I	G	I	L	A	A	I	P	A	Y	T	D	T	V	R	A	R	V	S	E	G	L	T	A	A	S	M	K	T	V	S	E	N	I	L	N	A	C	A	L	V	A	G	T	P	S	T	A	G	72														
NTDB id 1274	LPP RS09530 WP 011214168.1	MR	QKGFTLIELMIV	V	A	I	G	I	L	A	A	I	P	A	Y	Q	D	Y	T	I	R	A	R	V	T	E	G	L	T	A	D	S	A	K	L	A	V	S	E	T	A	I	T	N	N	A	L	P	A	T	Q	A	A	T	G	Y	71												
NTDB id 1258	GC085 RS09745 WP 014844212.1	MR	QKGFTLIELMIV	V	A	I	G	I	L	A	A	I	P	A	Y	Q	D	Y	T	I	R	A	R	V	T	E	G	L	T	A	D	S	A	K	L	A	V	S	E	T	A	I	T	N	N	A	L	P	A	T	Q	A	A	T	G	Y	71												
NTDB id 1191	AAC28468.1 484..945()	MLKK	V	Q	K	G	F	T	L	I	E	L	M	I	V	A	I	G	I	L	A	A	I	P	A	Y	Q	D	Y	T	A	R	A	Q	A	T	E	G	F	K	A	T	A	G	L	Q	I	D	L	G	A	W	R	A	D	R	C	S	F	P	N	A	A	A	L	V	A	G	74
NTDB id 1124040	EL305 RS10215 WP 002226857.1	MKA	I	Q	K	G	F	T	L	I	E	L	M	I	V	A	I	G	I	L	A	A	V	A	L	P	A	Y	Q	D	Y	T	A	R	A	Q	M	S	E	A	L	T	L	A	E	G	Q	K	T	A	V	V	E	Y	S	D	N	G	V	F	P	K	N	N	A	S	A	G	72
NTDB id 1109	OK783 RS10670 WP 157147416.1	MNT	L	Q	K	G	F	T	L	I	E	L	M	I	V	A	I	G	I	L	A	A	V	A	L	P	A	Y	Q	D	Y	T	A	R	A	Q	V	S	E	A	L	L	A	E	G	Q	K	S	A	V	T	E	Y	E	Y	L	N	H											

NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	A...TKKEVPLGVAADANKL	GTIALK.P..DPADGT	ADITLTF...	TMGGAGPKNK	GKIITLT	RTA	129	
NTDB	id	1038	HON27	RS01510	WP	000993725.1	LSDVGFTAAT	SSVCATYSIDAF..	TETDGACKITCT	KGNPKIATKI	VELT	RST	117	
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTAAGGGAGGAAAAAGT	QHASKYVKSV..	KVTEASPWDITVA	ISATEANG	CIPTGLDGN	TRIFPLVNK.AVP.AATST	149	
NTDB	id	1424	RS	RS02795	WP	011000517.1	GSSVF...	TPTKNVAN	TIAGTGTVP	GQITVTYT.T	AAGGGT	LALVPTAAGTALPVSSAP	132	
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S.....SCVGVQEIS	ASNATTNVATA..	TCGASSAGQ	IIVTMDT	KAKCANIT	LTP	YAS	126
NTDB	id	1274	LPP	RS09530	WP	011214168.1	V.....SPAATPNVAS	I..AIGA..	NGVITY.TA	AAGGT	IIVMPTL	QANG	114	
NTDB	id	1258	GC085	RS09745	WP	014844212.1	V.....SPAATPNVQS	I..AIGA..	NGVITY.TA	AAGGT	IIVMPTL	QANG	114	
NTDB	id	1191	AAC28468.1	484..945()			NVIFDSA.....	NGLDCKYFAPGG	VTVTPD	TGAINIAFDAGAN..	AGKMTIT	TPTVIA.....ASGQ	129	
NTDB	id	1124040	EL305	RS10215	WP	002226857.1	..VASA.....	SEIVGKYVAKYD	VSGNTIT	STM...KTS	GVNKDISCAT	VLE...GA.....QKSG	121	
NTDB	id	1109	OK783	RS10670	WP	157147416.1	..VASA.....	STIKGKYVQKVE	VAKGV	TAQM...AST	GVNKEIQDKK	SLW...AK.....RQD	121	
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	..VASPP.....	TDIKGKYVKEVE	VKNGV	TATM...LSS	GVNNEIK	GKKS	SLW...GR.....RENG	122
consensus							* * * * *	*	* * * * *	*	* * * * *	*		

NTDB id 1192	PAKAF RS23870 WP 024947914.1	DGLWKC	TSDQ.....	DEQFIP	PKGCSK.....	150
NTDB id 1038	HON27 RS01510 WP 000993725.1	DGAWTC	VSDV.....	PTEF	LPKGCTAGTPT	EGAITSL 149
NTDB id 1188	NELON RS01755 WP 003772458.1	ATDWAC	CASAAKETADKRF	GTSGVAVGT	LP	KYAPSECK..... 188
NTDB id 1424	RSI RS02795 WP 011000517.1	PIMWTC	YAQNKAQAASSVAPS...GTMS	LA	KYAPAE	CR..... 168
NTDB id 1002	ACIAD RS15100 WP 004923779.1	AVTWKC	TTT.....	S.DKKY	VPSE	CRG..... 147
NTDB id 1274	LPP RS09530 WP 011214168.1	DVTWTC	TGG.....	TL	LAKYRPAS	CRP..... 136
NTDB id 1258	GC085 RS09745 WP 014844212.1	DVTWTC	TGG.....	TL	LAKYRPAS	CRP..... 136
NTDB id 1191	AAC28468.1 484..945()	ISTWTC	APGA.....	ANGIET	RRLPTSCQ*	 153
NTDB id 1124040	EL305 RS10215 WP 002226857.1	SFTWTC	KAGS.....	SNGVKD	KFLPSS	CRAK..... 147
NTDB id 1109	OK783 RS10670 WP 157147416.1	SVKWF	CGQPVTRTGDND	DTVAD..ANNA	IDT	KHLPSTCRDESSAT..... 164
NTDB id 1119	NGFG RS11465 WP 017147169.1	SVKWF	CGQPVTRADDD	TVADAK..DGKE	IDT	KHLPSTCRDKASDAK..... 166
consensus		* ! * ! *		*	* * * ! * * ! *	

- X non conserved
- X similar
- X >50% conserved