

NTDB id	1192	PAKAF RS23870 WP 024947914.1	MKA	QKGFTLIELMIVVAIIGILAAATIPQQYNYVARSEGASALASNPLKTIVEALS.RCWSVKSQTGTE.	70
NTDB id	1197	PSJM300 03940 AFN76866.1	MKAQM	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLTSTD..	71
NTDB id	1191	AAC28468.1 484..945()	MLKKV	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTTARAQATEGFKATAGLTDLGWADRGRGSFPNAAALVAG	74
NTDB id	301745	DRA66 RS10365 WP 002220239.1	MKAI	QKGFTLIELMIVIAIVGILAAVALPAYQDYTTARAQMSEALTLLAEGQKSAVVEYYSDNGTFPNSN....	68
NTDB id	1119	NGFG RS11465 WP 017147169.1	MNTLV	QKGFTLIELMIVIAIVGILAAVALPAYQDYTTARAVVSEAILLAEQGKSAVTEYYLNHGKWPENN....	68
NTDB id	1109	OK783 RS10670 WP 157147416.1	MNTLV	QKGFTLIELMIVIAIVGILAAVALPAYQDYTTARAVVSEAILLAEQGKSAVTEYYLNHGIWPKDN....	68
NTDB id	1400	DSB67 RS12660 WP 010643261.1	...MKTNQKQK	QKGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPPKIASSSTKLAVELCAHEHAADAG....AF	72
NTDB id	1188	NELON RS01755 WP 003772458.1	MKAN	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF	73
NTDB id	1424	RS RS02795 WP 011000517.1	MKSMRHLNRV	QKGFTLIELMIVIAIVGILAAAIAPAYQDYTVRARVTEGLSLDAQAALKAVSENANAQSDDLVS.....	74
NTDB id	1002	ACIAD RS15100 WP 004923779.1	MNA	QKGFTLIELMIVIAIIGILAAAIAPAYTDYTVRRARVSEGLTAASSMKITTVSENILNACALVAGTPTSTAG	72
NTDB id	1274	LPP RS09530 WP 011214168.1	MR	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTIIRARVTEGLTLADSACLAVSETAITNNALPATQAATGY	71
NTDB id	1258	GCO85 RS09745 WP 014844212.1	MR	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTIIRARVTEGLTLADSACKLAVSETAITNNALPATQAATGY	71
consensus			* *	* * ** *** * ** * *	*

NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	..DATKKEVPLGVAAADANKLGTIALKP.....DPADGTADI	TLTFTMG...GAGPKNKGKIITLTR.....T	127		
NTDB	id	1197	PSJM300	03940	AFN76866.1		EGYICITDS.TSYCDVDID.....TAADGHI	..ECTAKG...GNAGKF DGKTITILNR.....	117		
NTDB	id	1191	AAC28468.1	484.	945()		NVIFDS.....ANGLDGKYFAPGGVTVT.PDTGAI	.NTAFDAG.....ANAGKMTITPTVIA.....AS	127		
NTDB	id	301745	DRA66	RS10365	WP	002220239.1	TSAGTAAAS.NEIKGKYVASVKVEGNA.SVASI	.TATMNSG...NVNKDIKKTLLV.....LVGKQN	123		
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	TSACVASPPTDIKKGYVKEVEVKN G...VV	.TATMLSS...GVNNEIKGK KLS.....LWGRRE	120		
NTDB	id	1109	OK783	RS10670	WP	157147416.1	TSACVASA.STIKGKYVQKV E V A K G....VV	.TAQMAST...GVNKEIQDK KLS.....LWAKRQ	119		
NTDB	id	1400	DSB67	RS12660	WP	010643261.1	KTKC..HQTANCIPAA...FTLNNL.VTV.PAAGAASGA I	.SITVN AANDKG.....PIKQ.....NEKYILTATYA	131		
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTA AAGGGAGCAAAAAGTQHASKYVKS V.KVTEASPWDI	.TVAISATEANGIPTGLD GNTIRLFPLVNK.AVP.AATS	147		
NTDB	id	1424	RS	RS02795	WP	011000517.1	CSSVF...TPTKNVANLTIAGTGTPVGQI	.IVTYT.T.....AAGGGT LALVPTAAGTALPVSSAP	130		
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S.....SCVGVQEISASNATTNVATA.TCGASSAGQI	.IVTMDTT.....KAKGANITLTPT.....YA	124		
NTDB	id	1274	LPP	RS09530	WP	011214168.1	V.....SPAATPNVAS T.I.AIGA..NGVI	.TITY.TA.....AAGGGTIVMTPTL.....QA	112		
NTDB	id	1258	GCO85	RS09745	WP	014844212.1	V.....SPAATPNVQSI.T.I.AIGA..NGVI	.TITY.TA.....AAGGCTIIMTPTL.....QA	112		
consensus							* * *	* * *	* * *	* * *	* * *

NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	AADGLWKCTSD.....QDEQFIPKGC	CSK.....	150
NTDB	id	1197	PSJM300	03940	AFN76866.1	TADGEWSCAST.....LDAKYKPGKCS		139	
NTDB	id	1191	AAC28468.1	484..945()		GQISTWTCAPGA.....ANGIETRRLLPTSCQ*		153	
NTDB	id	301745	DRA66	RS10365	WP	002220239.1	SGSFSWECKKG.....SVDEKFLPSTCRTK		148
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	NGSVKWF CGQPVTTRADDDTVADA..KDGKE	IDTKHLPSTCRDKASDAK	166
NTDB	id	1109	OK783	RS10670	WP	157147416.1	DGSVKWF CGQPVTTRTGDNDTV..DANNA	IDTKHLPSTCRDESSAT	164
NTDB	id	1400	DSB67	RS12660	WP	010643261.1	SGNVTWSSSECKDATN.....AVQTSYCP		154
NTDB	id	1188	NELON	RS01755	WP	003772458.1	TGALDWACASAAKETADKRFGTSGVAVGT	LPAKYAPSECK	188
NTDB	id	1424	RS	RS02795	WP	011000517.1	SGPIMWTCYAQNKAQAASSVAPS...GTMS	LAAKYAPAECR	168
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	SGAVTWKCTTT.....S.DKKYVPSECRG		147
NTDB	id	1274	LPP	RS09530	WP	011214168.1	NGDVTWCTGG.....TL LAKYRPASCRP		136
NTDB	id	1258	GC085	RS09745	WP	014844212.1	NGDVTWCTGG.....TL LAKYRPASCRP		136
consensus							* * ! *	** ** ! *	

 non conserved
 similar
 $\geq 50\%$ conserved