

logo

NTDB id 1184	GTF74	RS02335	WP 000649326.1	...MKAYKNKQ	KQGF	TLIELMIVVAVIGVLA	AIAIPQYQNYVKKSA	IGVGLANITALKTNIEDY	IATEGSFP	PATTAGTAA	77	
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...MKAYKNKQ	KQGF	TLIELMIVVAVIGVLA	AIAIPQYQNYVKKSA	IGVGLANITALKTNIEDY	IATEGSFP	PATTAGTAA	77	
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...MKAYKNKQ	KQGF	TLIELMIVVAVIGVLA	AIAIPQYQNYVKKSA	IGVGLANITALKTNIEDY	IATEGSFP	PATTAGTAA	77	
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	KQGF	TLIELMIVVAIIIGILA	AIAIPQYQNYIAKSQVNS	GFSEISSIKTGYENAVNE	.GAVPTKLSDV..		69	
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	KQGF	TLIELMIVVAIIIGILA	AIAIPQYQNYVARSEGAS	ALASVNPLKTTVEEALSR	.GWSVKSGTGTED		71	
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	KQGF	TLIELMIVVAIIIGILA	AIALPAYQDYTVRSNAAA	ALAEITPGKIGFEQ	AIN.E.GKTPSLTSTDE.		72	
NTDB id 1204	PSJM300	03935	AFN76865.1	MKPVKSSC	RGFS	LIELMIVVAIIIGILA	AIALPAYQNYTVRSTAAS	ALAEITPAKAAFEQ	AISE.GHTPSLVSSLP.		74	
NTDB id 1383	A4U84	RS08530	WP 005711781.1	MK.KIRLIRPLA	KAF	TLIELMIV	IAIIAILATIAIPSYTSYTQ	KAAELSELLSASASYKSD	VEIC.IYNVGDKKISECSSG		79	
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	KQGF	TLIELMIV	IAIVGILAAVALPAYQDYTARAQV	SEAILLAEGQKSAVTE	YYLNHGIWPKDNTSAGV		73	
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	KQGF	TLIELMIV	IAIVGILAAVALPAYQDYTARAQV	SEAILLAEGQKSAVTE	YYLNHGWKPENNTSAGV		73	
NTDB id 1191	AAC28468.1	484..945()		MLKKV	KQGF	TLIELMIV	IAIIGILA	AAIALPAYQDYTARAQATE	GFKATAGLQTD	LGAWRADRGSFPNAALVAG		74
NTDB id 149642	ACU16	RS16835	WP 024711606.1	MKKQ	QGF	TLIELMIVVAII	AIALAIALPAYQDYTTRAKL	SEALTMSAPAKLAVAE	TSSSLGGVANVT	LANSG		72
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	KQGF	TLIELMIVVAIV	GILAAIAIPAYQDYTVRARV	TEGLSLAAQAKALVSE	NAANAQSDLSV.....		74
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	KQGF	TLIELMIV	IAIIGILA	AAIAIPAYTDYTVRARV	SEGLTAASSMKTTVSEN	ILNAGALVAGTPSTAG		72
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	KQGF	TLIELMIVVAIIIGILA	AAIAIPAYQDYTIRARV	TEGLTLADSAKLAVSE	TAITNNALPATQAATCY			71
NTDB id 1258	GCO85	RS09745	WP 014844212.1	MR	KQGF	TLIELMIVVAIIIGILA	AAIAIPAYQDYTIRARV	TEGLTLADSAKLAVSE	TAITNNALPATQAATCY			71
consensus												
					!!!!!!!*!**!***!***!***!*	**	*****		* * * * *		*	

logo

NTDB id 1184	GTF74	RS02335	WP 000649326.1	GF.....	TRLG	TVE.....	DMGD	GKIV	IAPTASGALGGTIKYTFDAGV	VSSSKIQLA.....	124			
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	GF.....	TRLG	TVE.....	DMGD	GKIV	IAPTASGALGGTIKYTFDAGV	VSSSKIQLA.....	124			
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	GF.....	TRLG	TVE.....	DMGD	GKIV	IAPTASGALGGTIKYTFDAGV	VSSSKIQLA.....	124			
NTDB id 1038	HON27	RS01510	WP 000993725.1	GF	TAATSSVCATYSID	..AFTETDGAGKIT	..CTLKG		NPKIATKIV	ELT.....	114			
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKKEVPL	GV..AADANKLG	TIAIKP....	DPADGT	ADIT	LTFTMGG.....	AGPKNKGKIITLT	125			
NTDB id 1197	PSJM300	03940	AFN76866.1	GYIGI	..TDSTS	YCDVDLD....	TAADGH	..IE	CTAKGG.....	NAGKFDGKTITLN	116			
NTDB id 1204	PSJM300	03935	AFN76865.1	GFIGI	..GASTN	YCTVTLI....	ATATGS	..IT	CTTQNG.....	MPDRFNGKTIITIA	118			
NTDB id 1383	A4U84	RS08530	WP 005711781.1	N....G...V	RADKSDVPDAKY	LKSISVAS.....	GVIT	VAGK.....	GNIDGYGYT	MPK.....	123			
NTDB id 1109	OK783	RS10670	WP 157147416.1	ASA	..STIKGKY	VQKVEVAK.....	GVV	TAQMASTG.....	VNKEIQDKKL	SLW.....	115			
NTDB id 1119	NGFG	RS11465	WP 017147169.1	ASPPT	DIKGKY	VKEVEVKN.....	GVV	TATMLSSG.....	VNNEIKGKKL	SLW.....	116			
NTDB id 1191	AAC28468.1	484..945()		N....V....	IFDSANGLDGKY	FAPGGV	..TVTPDT	GA	INIAFDA.....	GANAGKMTITPTVIA	125			
NTDB id 149642	ACU16	RS16835	WP 024711606.1	Y....V.....	FPGE..	TKYV	SAVTIAS...GT	GK	VTVTSK.....	VPNAGGDIVLTPTD	113			
NTDB id 1424	RS	RS02795	WP 011000517.1	GSSVF...TP..	TKN	VANLTIAGTGTVP	QQIT	VTYT.....	TAAGGGT	LALVPTAAGTALPV	126			
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	S....SCV	GVQEISASNA..	TTN	VATA..TCGASSAGQ	IIVTMDT.....	TKAKGANIT	LTPT.....	122			
NTDB id 1274	LPP	RS09530	WP 011214168.1	V.....	SPAA..	TPN	VASI..AIGA..NGV	ITITY.T.....	AAAGGGT	IVMTPTL.....	110			
NTDB id 1258	GCO85	RS09745	WP 014844212.1	V.....	SPAA..	TPN	VQSI..AIGA..NGV	ITITY.T.....	AAAGGGT	IIMTPTL.....	110			
consensus				*		*	*		*	***		*	*	*

<0

logo

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	..RD.ANGLWTCSTT.....VTSEIAPKG.CTAGATIN.....	153
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	..RD.ANGLWTCSTT.....VTSEIAPKG.CTAGATIN.....	153
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	..RD.ANGLWTCSTT.....VTSEIAPKG.CTAGATIN.....	153
NTDB	id	1038	HON27	RS01510	WP	000993725.1	..RS.TDGAWTCVSD.....VPTFLPKG.CTAGTPTEGAITSL	149
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	..RTAADGLWKCTSD.....QDEQFIPKG.CSK.....	150
NTDB	id	1197	PSJM300	03940	AFN	76866.1	..RT.ADGEWSCAST.....LDAKYKPGK.CS.....	139
NTDB	id	1204	PSJM300	03935	AFN	76865.1	..RT.TDGLWDCTSD.....LDSRYKPGK.CL.....	141
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	..FANNITWATSCQGA.....DISLFPANFCGQKATP.....	154
NTDB	id	1109	OK783	RS10670	WP	157147416.1	AKRQDGSVKWFCGQPVTRTGDNDTVADANNAIDTKHLPST.CRDESSAT.....	164
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	GRRENGSVKWFCGQPVTRADDDTVADAKDGKEIDTKHLPST.CRDKASDAK.....	166
NTDB	id	1191	AAC28468.1	484..945()			..ASGQISTWTCAPGAAN.....GIETRRLPTS.CQ*.....	153
NTDB	id	149642	ACU16	RS16835	WP	024711606.1	..VGGGQLKWTCSSA.....IATKYLPAE.CRSSGT.....	141
NTDB	id	1424	RS	RS02795	WP	011000517.1	SSAPSGPIMWTCYAQNKAQAAS.SVAPSGTMSLAAKYAPAE.CR.....	168
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	..YASGAVTWKCTTT.....S.DKKYVPSE.CRG.....	147
NTDB	id	1274	LPP	RS09530	WP	011214168.1	..QANGDVTWCTTGG.....TLLAKYRPAS.CRP.....	136
NTDB	id	1258	GC085	RS09745	WP	014844212.1	..QANGDVTWCTTGG.....TLLAKYRPAS.CRP.....	136
consensus								* * ! * * * * * * * !

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