

logo

		MVLLYQFLRLRYKDFLTQWKLY...IISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLKVEDVQVKDG	0
NTDB id 1159 ABDM36 RS04765 WP 001166105.1			0
NTDB id 1150 A1552VC RS08580 WP 001166105.1			62
NTDB id 613 LCA RS05340 WP 231952379.1		MMWQDYWQRYRRFWVWPCLVLLGIIAGGFYWHQSQQKQKVTQNEQL.LATS.....ASKTKPATKKTH	0
NTDB id 1041 HON27 RS14740 WP 005124713.1			0
NTDB id 1069 ABD1 RS03060 WP 043960841.1		MNWLNQHKKA...IILAASAAVFTAIMIFLATG...KNKE...PVKQAVPTE...TENTVVKQEA	53
NTDB id 105 BSU 25590 NP 390437.1		MVLLYQFLRLRYKDFLTQWKLY...IISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLKVEDVQVKDG	76
NTDB id 36 MW RS08230 WP 001793467.1		MVLLYQFLRLRYKDFLTQWKLY...IISAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENSSLKLEDVQVKDG	76
NTDB id 20 SA RS08005 WP 001802022.1			0
NTDB id 1014 ACIAD RS13855 WP 004924483.1		MSRG	4
NTDB id 1127 NGFG RS10560 WP 003703428.1		MSRG	4
NTDB id 1126 NGFG RS09375 WP 003703428.1		MSRG	4
NTDB id 1125 NGFG RS07215 WP 003703428.1		MSRG	4
NTDB id 1108 NGFG RS06525 WP 003703428.1		MSRG	0
NTDB id 383987 CSPT RS04060 WP 149051351.1			0
NTDB id 1242 Cj0011c YP 002343483.1			0
consensus			

logo

		MQIKT...IVTLFLSL.....CLPTLPL.....	21
NTDB id 1159 ABDM36 RS04765 WP 001166105.1		MQIKT...IVTLFLSL.....CLPTLPL.....	21
NTDB id 1150 A1552VC RS08580 WP 001166105.1		QAATKKKGGFVDIKGAVVYPGIYPITVSETRLFVILKNAGGPTDAADTKRLNLAQKLTQDLIIYIPKKGEVVTQELIQA	142
NTDB id 613 LCA RS05340 WP 231952379.1		MQYSMRFWKNKY...FLLIMLCGLG.....VISPSVCAQSFDQNFQEWKAKQMY..DQKLNIT	53
NTDB id 1041 HON27 RS14740 WP 005124713.1		MQYSMRFWKNKY...FVLIMLCGLG.....VISPSVCAQSFDQNFQEWKVKQMY..DQKLNIS	53
NTDB id 1069 ABD1 RS03060 WP 043960841.1		NNDESNETIVIDIKGAVQHPGVYEMRTGDR.VSQAIEKAGGTSEQADEAQVNLAAILQDGTVVYIPKKGEETAVQQGGGGG	132
NTDB id 105 BSU 25590 NP 390437.1		DNSKNKGPVYVDVKGAVKHPNVYKMTSKDR.VV.DLLDKAQLLEDADVSQINLSEKLTQDKMIFIPHKGQKNVEPQIGVN	154
NTDB id 36 MW RS08230 WP 001793467.1		DNSKNKGPVYVDVKGAVKHPNVYKMTSKDR.VV.DLLDKAQLLEDADVSRLNLEKLTQDKMIFIPHKGQKNVEPQIEVN	154
NTDB id 20 SA RS08005 WP 001802022.1		MSIRHFFT...FFWAT.....LLTL...F....SMQIVFAQGGFDQQYDAWKT..QQKAHDTRLNSS	49
NTDB id 1014 ACIAD RS13855 WP 004924483.1		GATP...YRFLLRHIVARCGLLFATLKGK.TMKKMFVL...F....CMLFS.....	45
NTDB id 1127 NGFG RS10560 WP 003703428.1		GATP...YRFLLRHIVARCGLLFATLKGK.TMKKMFVL...F....CMLFS.....	45
NTDB id 1126 NGFG RS09375 WP 003703428.1		GATP...YRFLLRHIVARCGLLFATLKGK.TMKKMFVL...F....CMLFS.....	45
NTDB id 1125 NGFG RS07215 WP 003703428.1		GATP...YRFLLRHIVARCGLLFATLKGK.TMKKMFVL...F....CMLFS.....	45
NTDB id 1108 NGFG RS06525 WP 003703428.1		MKKLL...L....LLVLV.....	11
NTDB id 383987 CSPT RS04060 WP 149051351.1		MKKLL...F....LFFAL.....	11
NTDB id 1242 Cj0011c YP 002343483.1			
consensus		* * * * *	

logo

NTDB id 1159	ABDM36	RS04765	WP 001166105.1	LANAEETAPAAQVEEGIVITVNINTASAEELATLLKGIGLKKAAQAI	VDYREANGPFTHIDDLTNVKGIG	90	
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	LANAEETAPAAQVEEGIVITVNINTASAEELATLLKGIGLKKAAQAI	VDYREANGPFTHIDDLTNVKGIG	90	
NTDB id 613	LCA	RS05340	WP 231952379.1	PQKIATTSTERTQEASTGTSANASSTSDTAKIDLNQADSTQLQT.LNGIGPKKAEQI	IAYRDEQGKFKQIEDLQKVGIG	221	
NTDB id 1041	HON27	RS14740	WP 005124713.1	KSSHSN.....GSKISQTKNFNDSTGQIHLNQANVNEFQQ.LKGVGEKKAQA	IVEYRQKNGSFKNIDEIKNVKGIG	123	
NTDB id 1069	ABD1	RS03060	WP 043960841.1	KSSHSN.....SSKISQTKNFNDSTGQIHLNQANVNEFQQ.LKGIGEKKAQA	IVEYRQKNGSFKNIDEIKNVKGIG	123	
NTDB id 105	BSU 25590	NP 390437.1		SV.....QSDGGKGALVNINTATLEELQG.LSGVGPSKAEAI	IAYREENGRFQTIEDITKVSIG	191	
NTDB id 36	MW	RS08230	WP 001793467.1	SV.....HVKNGTNTNTKVNINTASVSELMS.VPGVGQAKANA	IVEYRNQQGAFQEIDDLKVKVGF	215	
NTDB id 20	SA	RS08005	WP 001802022.1	SV.....HVKNGTNTNTKVNINTASVSELMS.VPGVGQAKANA	IVEYRNQQGAFQEIDDLKVKVGF	215	
NTDB id 1014	ACIAD	RS13855	WP 004924483.1	AS.....HHSLSKPTQQSGTGKVNINSATAKELQQ.LHG	VGEKKALAIVEYRQQYGFASVDDLQKVGIG	115	
NTDB id 1127	NGFG	RS10560	WP 003703428.1	CAFSLA	AVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKS	VDDLKVKGIG	100
NTDB id 1126	NGFG	RS09375	WP 003703428.1	CAFSLA	AVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKS	VDDLKVKGIG	100
NTDB id 1125	NGFG	RS07215	WP 003703428.1	CAFSLA	AVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKS	VDDLKVKGIG	100
NTDB id 1108	NGFG	RS06525	WP 003703428.1	CAFSLA	AVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKS	VDDLKVKGIG	100
NTDB id 383987	CSPT	RS04060	WP 149051351.1	CTYVFGA	IDLNTASKDELMT.LKGVGESKAEAI	IYRKAN.KFNSIEDIKVKVGIG	65
NTDB id 1242	Cj0011c	YP 002343483.1		TAFLFGA	VNINTATLKLKLS.LNGIGEAKAEI	IYRKEA.NFTSIDDLKVKVGIG	65
consensus				* ***! !* ** * !!! !! *!***! ** ! ***** *!***!			

logo

NTDB id 1159	ABDM36	RS04765	WP 001166105.1	EATVRNNAARIL	103
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	EATVRNNAARIL	103
NTDB id 613	LCA	RS05340	WP 231952379.1	PKTFEQIQSQICVN	235
NTDB id 1041	HON27	RS14740	WP 005124713.1	PAIFEKKNKSRLAL	136
NTDB id 1069	ABD1	RS03060	WP 043960841.1	PAIFEKKNKSRLAL	136
NTDB id 105	BSU 25590	NP 390437.1		EKSFEKIKSSITVK	205
NTDB id 36	MW	RS08230	WP 001793467.1	SKTFDKLKSYFTI	228
NTDB id 20	SA	RS08005	WP 001802022.1	SKTFDKLKSYFTI	228
NTDB id 1014	ACIAD	RS13855	WP 004924483.1	PKFIEKNRDLRAI	128
NTDB id 1127	NGFG	RS10560	WP 003703428.1	PAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1126	NGFG	RS09375	WP 003703428.1	PAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1125	NGFG	RS07215	WP 003703428.1	PAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1108	NGFG	RS06525	WP 003703428.1	PAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 383987	CSPT	RS04060	WP 149051351.1	DKIYKDNKIIV	75
NTDB id 1242	Cj0011c	YP 002343483.1		DKLFEKIKNDITIE	79
consensus				*** *	

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