

logo

	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFHRTLKGSGRMIGAKSSA	
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFHRTLKGSGRMIGAKSSA	80
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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	ELAWTVEDTLNLRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS	
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNLRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS	160
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
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	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLLQYREFVDRSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLLQYREFVDRSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	320
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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	HGDRTDPLMP SHGLV S QLLQLD VSE LLD AELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMP SHGLV S QLLQLD VSE LLD AELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	400
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
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	LLDKPALLQSDYIF E IYQKAHQQLIQ LFDALAA GQRVGVVKQHQ S ILEELKLYTQYTPDISNDLPQQDSTSF EPIYNI E S	
NTDB id 1419 SGL RS12550 WP 010873252.1	.....MTS	3
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIF E IYQKAHQQLIQ LFDALAA GQRVGVVKQHQ S ILEELKLYTQYTPDISNDLPQQDSTSF EPIYNI E S	480
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
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	EPN EWATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGGTQAFETIYEEENRDAFNRSLM	
NTDB id 1419 SGL RS12550 WP 010873252.1	DPN.....PAQAFENWFEEEEGDDAFTSLI	28
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGGIDTDLNIWVGEQENFAALNNLM	560
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
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	RYLEHTLKGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTI NALKRA	
NTDB id 1419 SGL RS12550 WP 010873252.1	AGE.....	31
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NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTI NALKRA	640
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
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	E NS N FE L BY B AF A E P EV S EE K Y L SE I II D E I P V E L E P ALAE L E T H H D Q V F D T AV T E L A T P V E M I T T V T S Q E N E V A	
NTDB id 1419 SGL RS12550 WP 010873252.1	ETNSGIEELDFGDLFEQEPTVIQGEFGS.....PSSGEEDPPVRMTLDFNSPEAELD	84
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSQKVISEIIIDEIPVELEPALAELETHHDQVFDTAVTELATPVEMITTVTSQENEVA	720
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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	A NE Q D I E A V E A L F T B E R T E T T E M R E S L S S W L F E P I N R E A D P L A S I P E T N A P A Y Q T A G G L D D N D L A E L Q D L L G V G D V E P	
NTDB id 1419 SGL RS12550 WP 010873252.1ALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVGDVEP	153
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NTDB id 374 SMU RS06885 WP 002262930.1	0
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NTDB id 1417 SGL RS04200 WP 014407071.1	0
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consensus		

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	A IT N P G L H S F A G A D R V T P L T N E V L L .F A..... A I D D L D G L I N A P V L D E E F S F..... T E L E T L I D T P A P K S	
NTDB id 1419 SGL RS12550 WP 010873252.1	AITNPGLSHFAGADRVTPLTNEVLL.FA.....AIDDLGLINAPVLDEEFSF.....TELETLIDTPAPKS	214
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NTDB id 374 SMU RS06885 WP 002262930.1	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	.QLQRAVHSLKGGARMVGLAVQAIAYQLENAFEQFALHHFNNSNIYDHLLESIAIWLKDAIFNHNYQHFDGLQQSLENIQ	842
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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	F A T I S H P F R L P V A M E E D E D E F K D L E A L L E Q A D S S L G G G I A G M G A R L P A R P... R Q V K S R S F E Q T M R V P I K Q L D N L S N L I	
NTDB id 1419 SGL RS12550 WP 010873252.1	FATISHPFRLPVAMEEDEDKFDLEALLEQADSSLGGGIAGMGGARLPARP...RQVKRSFEQTMRVPIKQLDNLSNLI	291
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	F..FETTIQIPTKLTRA.DLFSS.EP.....VMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMIDLS	910
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	GELVVKRNRLREQDQERLRQFLDNLNQAQNLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSST	371
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQI.....IAKHGIEH	964
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
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consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	MNDQPLDALEMDFRFTGFHLLSQEMIELIVRVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPR	451
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	SRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQAEIQEGLMRTRLVPPFSRLLPRLQR	1044
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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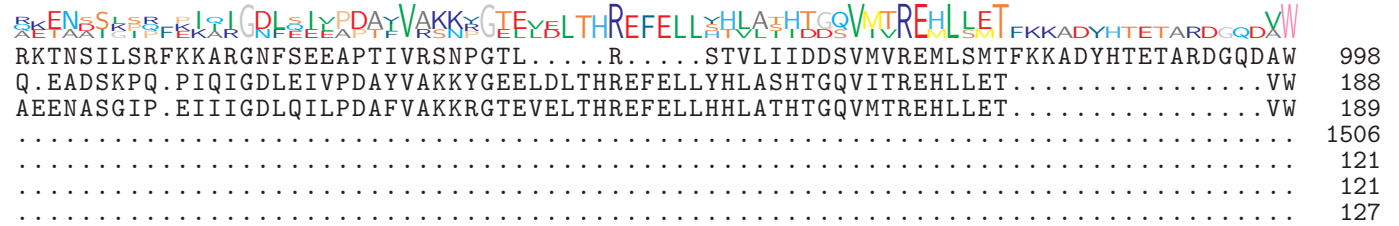
NTDB id 1419 SGL RS12550 WP 010873252.1	AIREVSMKLNKKVNLEVEGGDVLIDKMILEHLYNPMTHLVNNAITHGIETPAERQKLGKSPEGHLAVRAFLQGNQTLITV	531
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	IVRQTSTALNRPaelFVNMTEGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDDVVVVV	1124
NTDB id 35907 MIC7113 RS25480 WP 015185083.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	SDDGAGINTEMVKQKAVEKGLISRMEAQSLSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVVRTSLIDIRGAINIESTV	611
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NTDB id 35907 MIC7113 RS25480 WP 015185083.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
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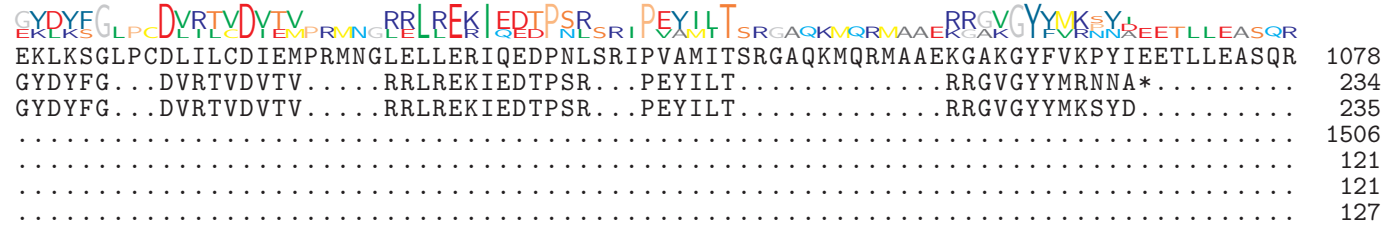
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 NTDB id 1417 SGL RS04200 WP 014407071.1
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NTDB id 1419 SGL RS12550 WP 010873252.1
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 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



non conserved
 similar
 ≥ 50% conserved