

logo

	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEFVLDLQPLINKWMQSENIATLTEIRRHFHHTLKGSGRMIGAKSSA	
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	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEFVLDLQPLINKWMQSENIATLTEIRRHFHHTLKGSGRMIGAKSSA	80
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	ELAWTVEDTLNVRVINGSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLCQQQLQQQSSLEPALEEELLQLS	
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	ELAWTVEDTLNVRVINGSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQQLQQQSSLEPALEEELLQLS	160
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	HTLMAETVVTGLELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	
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	HTLMAETVVTGLELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVVRDSELELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	
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	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVVRDSELELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	320
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	HGDRTPDPLMPHGLVSQLLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	
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	HGDRTPDPLMPHGLVSQLLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	400
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEP IYN IEP	
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	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEP IYN IEP	480
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	EPEVVATVENFSDSADWAVLGQSVQQDRQYI SSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	
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NTDB id 374 SMU RS06885 WP 002262930.1	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYI SSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	560
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	RYLHTLKGGANMVQATYLG LIAHELES IYERLI QKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTI NALKRA	
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	RYLHTLKGGANMVQATYLG LIAHELES IYERLI QKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTI NALKRA	640
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	GQNSNFQPLPVVEAFDAESEVFSEQKVI SEI I I DEIPVELEPALAELETHHDQVFD TAVTELATPVEMI TTVTSQENEVA	
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	GQNSNFQPLPVVEAFDAESEVFSEQKVI SEI I I DEIPVELEPALAELETHHDQVFD TAVTELATPVEMI TTVTSQENEVA	720
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	ANEQDI EAVVEQTFLEEATELLEMAESLLKQWF EQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAI AYQLENAFEQFAL	
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	ANEQDI EAVVEQTFLEEATELLEMAESLLKQWF EQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAI AYQLENAFEQFAL	800
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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NTDB id 413 AAK55817.1 141..845()	GAWEQTERLDQNNEMIRVSADLIEKMIIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMIIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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NTDB id 413 AAK55817.1 141..845()	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQAEIQEGLMRTRLVPPFSRLLP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQAEIQEGLMRTRLVPPFSRLLP	1040
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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NTDB id 413 AAK55817.1 141..845()	RLQRIVRQTSTALNRPAELFVNNTEGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RLQRIVRQTSTALNRPAELFVNNTEGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	1120
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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NTDB id 413 AAK55817.1 141..845()	VVVFSDDGQGI DVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDWWQSDIKSLGGHVSVES	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VVVFSDDGQGI DVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDWWQSDIKSLGGHVSVES	1200
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

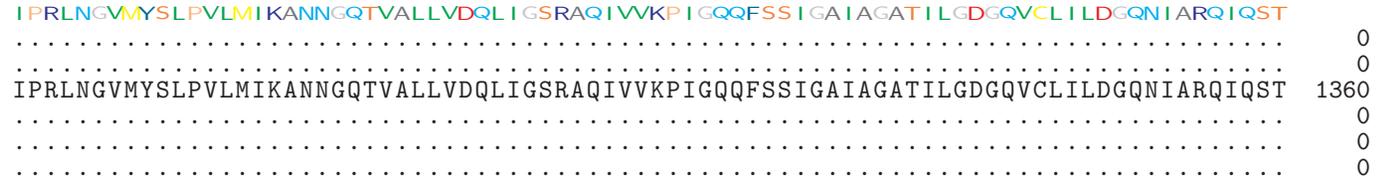
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 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1132967 NMK36 RS22640 WP 072718373.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



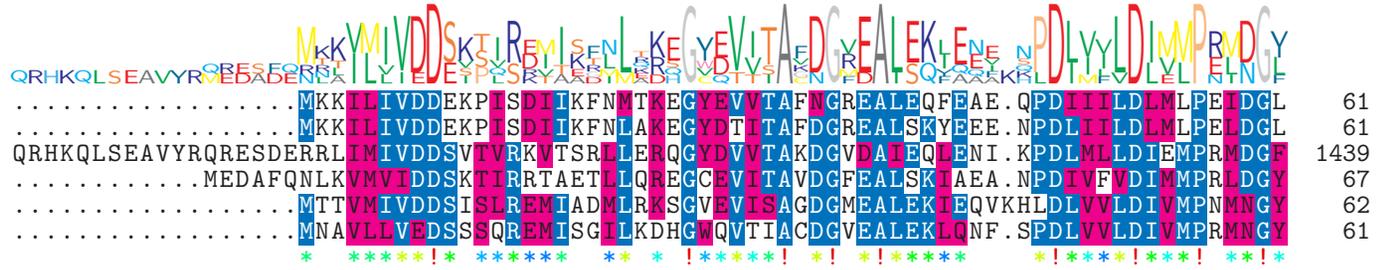
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 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1132967 NMK36 RS22640 WP 072718373.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



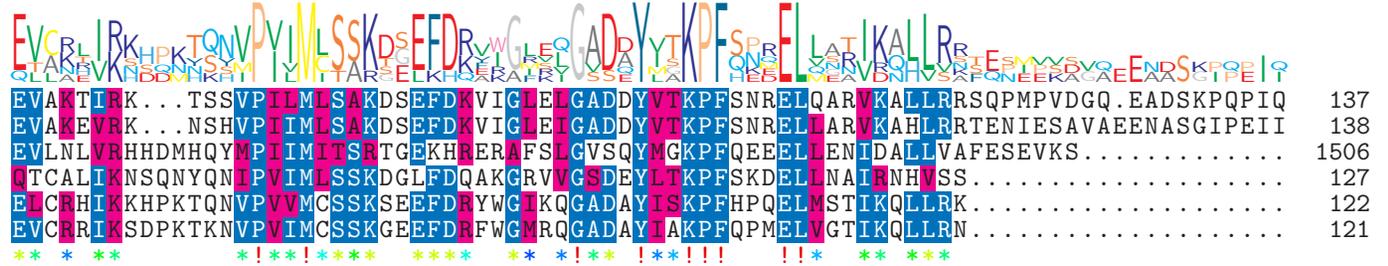
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NTDB id 413 AAK55817.1 141..845()
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 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1132967 NMK36 RS22640 WP 072718373.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



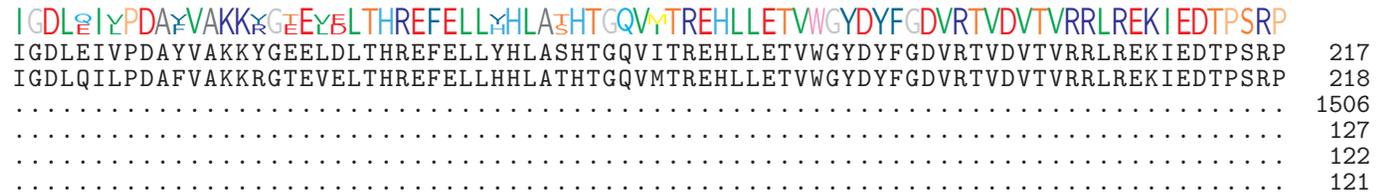
logo

NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1132967 NMK36 RS22640 WP 072718373.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



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NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1132967 NMK36 RS22640 WP 072718373.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



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NTDB id 413 AAK55817.1 141..845()	EYILTRRGVGYM ^R SYD	234
NTDB id 374 SMU RS06885 WP 002262930.1	EYILTRRGVGYMRNNA*	235
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	1506
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 1132967 NMK36 RS22640 WP 072718373.1	.....	122
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

 non conserved
 similar
 ≥ 50% conserved