

logo

NTDB id 413 AAK55817.1 141..845()	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSAELAWT	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSAELAWT	85
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSLEPALEEELLQLSHTLMAETVTG	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSLEPALEEELLQLSHTLMAETVTG	170
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	LELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	255
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	TKVEHLFKILLQEELSSHSEEILLQLQEYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQHGDRTDPLMPSHGLVSQQLQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	TKVEHLFKILLQEELSSHSEEILLQLQEYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQHGDRTDPLMPSHGLVSQQLQ	340
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	LDVSELDDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LDVSELDDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLI	425
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	PTKLTRADLFSSEPVMTFIQGDGTEPPPMGAWEQTERLDQNNEMI RVSADLIEKMI DLSGENSINRSRIEMDLSQFSHTLVEME	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	PTKLTRADLFSSEPVMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEME	935
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	LAIQRLADQLRRMEGELETQIIAKHGI EHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LAIQRLADQLRRMEGELETQIIAKHGI EHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQ	1020
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	AEIQEGLMRTRLVFPFSRLLPRLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVT PLEHMLRNAIDHGLEDRAQRQQANKPE	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	AEIQEGLMRTRLVFPFSRLLPRLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVT PLEHMLRNAIDHGLEDRAQRQQANKPE	1105
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	TGRIELNIQRQGTDVVVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIK	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	TGRIELNIQRQGTDVVVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIK	1190
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	SLGGHVSVESVYGQGTTFITIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEF	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	SLGGHVSVESVYGQGTTFITIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEF	1275
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 25326 CYA RS12810 WP 011431514.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()		A*	234
NTDB id 374 SMU RS06885 WP 002262930.1		D.	235
NTDB id 1046 HON27 RS03130 WP 168726941.1		..	1506
NTDB id 1047 HON27 RS03110 WP 000389061.1		..	127
NTDB id 25326 CYA RS12810 WP 011431514.1		..	121
NTDB id 1417 SGL RS04200 WP 014407071.1		..	121
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved