

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINKWMQSENIATLTEIRRHFHFTLKGSGRMIGAKSSA	80
NTDB id 413 AAK55817.1 141..845()	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINKWMQSENIATLTEIRRHFHFTLKGSGRMIGAKSSA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQQSLEPALEELLQLS	160
NTDB id 413 AAK55817.1 141..845()	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQQSLEPALEELLQLS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 413 AAK55817.1 141..845()	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	320
NTDB id 413 AAK55817.1 141..845()	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
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NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMPSHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	400
NTDB id 413 AAK55817.1 141..845()	HGDRTDPLMPSHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
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NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQQRVGWVKQHQSI LLEELKLYTQYTPDISNDLPQQDSTSFEP IYNIEP	480
NTDB id 413 AAK55817.1 141..845()	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQQRVGWVKQHQSI LLEELKLYTQYTPDISNDLPQQDSTSFEP IYNIEP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYI SSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	560
NTDB id 413 AAK55817.1 141..845()	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLGGLIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	640
NTDB id 413 AAK55817.1 141..845()	RYLHTLKGGANMVQATYLGGLIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSEQKVI SEI I IDEIPVELEPALAELETHHDQVFD TAVTELATPVEMI TTVTSQENEVA	720
NTDB id 413 AAK55817.1 141..845()	GQNSNFQPLPVVEAFDAESEVFSEQKVI SEI I IDEIPVELEPALAELETHHDQVFD TAVTELATPVEMI TTVTSQENEVA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	ANEQDI EAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFAL	800
NTDB id 413 AAK55817.1 141..845()	ANEQDI EAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFAL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLESAAI AWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 413 AAK55817.1 141..845()	HHFNSNIYDHLLESAAI AWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 413 AAK55817.1 141..845()	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESLLLQQSRIQAEIQEGLMRTRLVPFSRLLP	1040
NTDB id 413 AAK55817.1 141..845()	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESLLLQQSRIQAEIQEGLMRTRLVPFSRLLP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	RLQRIVRQTSTALNRPAELFVNNTGEGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	1120
NTDB id 413 AAK55817.1 141..845()	RLQRIVRQTSTALNRPAELFVNNTGEGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	VVVFSDDGQGI DVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVES	1200
NTDB id 413 AAK55817.1 141..845()	VVVFSDDGQGI DVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVES	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	VYGGQGTTFITIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEFVGNQP	1280
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	IPRLNGVMYSLPVLMIKANNGQTVALLVDQLIGSRAQIVVKPIGQQFSSIGAIAGATILGDGQVCLILDGQNIARQIQST	1360
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	QRHKQLSEAVYRQRESDERRLIMIVDDSVTVRKVTSRLERQCYDVVTAKDGVDAEQENIKPDLMLLDIEMPRMDGFE	1440
NTDB id 413 AAK55817.1 141..845( )	.....	62
NTDB id 374 SMU RS06885 WP 002262930.1	.....	62
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNLKVMVIDDSKTIIRRTAETLLQREGCEVITAVDGFALSKIAEANPDIVFVDMMPRLDGYQ	68
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		62
NTDB id 1417 SGL RS04200 WP 014407071.1		62
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	VLNLVRHHDHMQYMPIIMTSTGEGKHERAFSICVSQYMGKPPQEEELLENIDALLVAFESEVKS.....	1506
NTDB id 413 AAK55817.1 141..845( )	.....	138
NTDB id 374 SMU RS06885 WP 002262930.1	.....	139
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		121
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	GDLEIYPDAFVAKKXGEYELTHREFELLHLAHTGQVYTREHLLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPE	1506
NTDB id 413 AAK55817.1 141..845( )	.....	218
NTDB id 374 SMU RS06885 WP 002262930.1	.....	219
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 35917 CRI9333 RS05750 WP 015202219.1		121
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 1046 HON27 RS03130 WP 168726941.1	YILTRRGVGYMRSYD	1506
NTDB id 413 AAK55817.1 141..845()	YILTRRGVGYMRNNA*	234
NTDB id 374 SMU RS06885 WP 002262930.1	YILTRRGVGYMKSYD.	235
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 35917 CRI9333 RS05750 WP 015202219.1	.....	121
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved