

logo

NTDB id 413 AAK55817.1 141..845()	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA	80
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEEELLQLS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEEELLQLS	160
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQEYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQEYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	320
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	HGDRTDPLMPSHGLVSQLLDVSELDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMGLGLHEYTSQLKESYEV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMPSHGLVSQLLDVSELDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMGLGLHEYTSQLKESYEV	400
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI	LEELKLYTQYTPDISNDLPQQDSTSFEP	IYNI	EP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	.....	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI	LEELKLYTQYTPDISNDLPQQDSTSFEP	IYNI	EP	480
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	.....	.....	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	.....	.....	0
consensus	.....	.....	.....	.....	0

logo

NTDB id 413 AAK55817.1 141..845()	EPEVWATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEA	EELLEGLDIDLNIWVGEQENFAALNNLM	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVWATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEA	EELLEGLDIDLNIWVGEQENFAALNNLM	560
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	0
consensus	.....	.....	0

logo

NTDB id 413 AAK55817.1 141..845()	RYLHTLKGGANMVQATYLG	LIAHELES	IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYT	INALKRA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	.....	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLG	LIAHELES	IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYT	INALKRA	640
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	.....	.....	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	.....	.....	0
consensus	.....	.....	.....	.....	0

logo

NTDB id 413 AAK55817.1 141..845()	GQNSNFQPLPVVEAFDAESEVFSEQKVISEIIIDEIPVELEPALAELETHHDQV	FD	AVTE	LATPVEMITTVTSQENEVA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	.....	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSEQKVISEIIIDEIPVELEPALAELETHHDQV	FD	AVTE	LATPVEMITTVTSQENEVA	720
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	.....	.....	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	.....	.....	0
consensus	.....	.....	.....	.....	0

logo

NTDB id 413 AAK55817.1 141..845()	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQLQRAVHSLKGGARMV	GLEAVQAIAYQLEN	AFEQFAL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQLQRAVHSLKGGARMV	GLEAVQAIAYQLEN	AFEQFAL	800
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	.....	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	.....	0
consensus	.....	.....	.....	0

logo

NTDB id 413 AAK55817.1 141..845()	HHFNSNIYDHLLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

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 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 366325 FFX45 RS12560 WP 149821397.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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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 1046 HON27 RS03130 WP 168726941.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESLLLQQSRIQAEIQEGLMRTRLVPFSRLLP	1040
NTDB id 366325 FFX45 RS12560 WP 149821397.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	RLQRIVRQTSTALNRPAELFVNNTGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RLQRIVRQTSTALNRPAELFVNNTGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	1120
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	VVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVES	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVES	1200
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

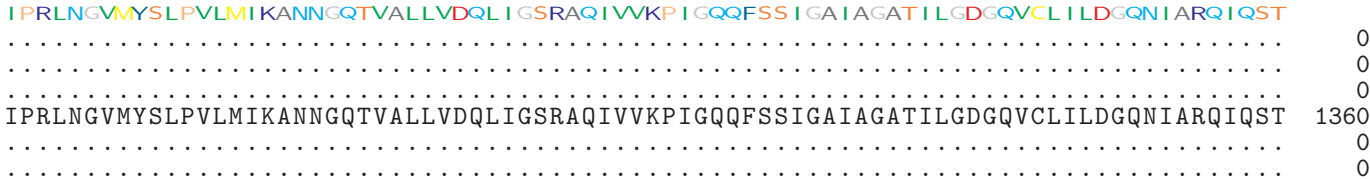
logo

NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 366325 FFX45 RS12560 WP 149821397.1
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 1047 HON27 RS03110 WP 000389061.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 366325 FFX45 RS12560 WP 149821397.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus



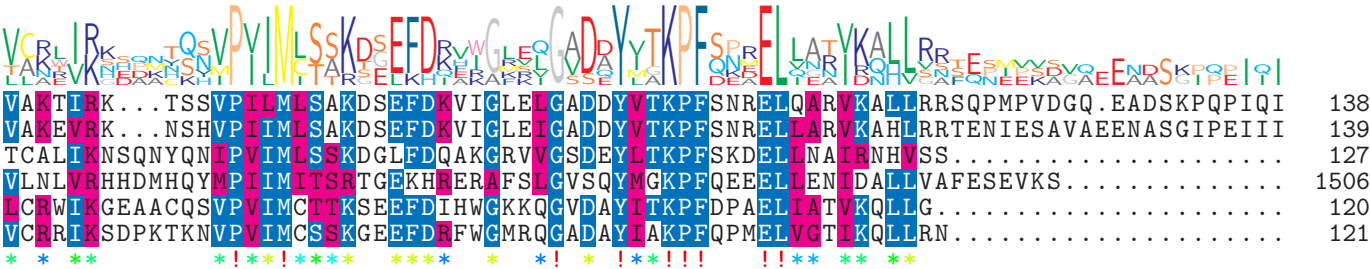
logo

NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 366325 FFX45 RS12560 WP 149821397.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus



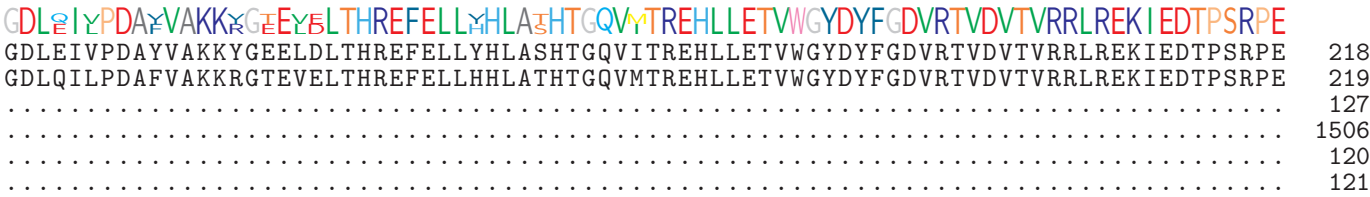
logo

NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 366325 FFX45 RS12560 WP 149821397.1
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 1047 HON27 RS03110 WP 000389061.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 366325 FFX45 RS12560 WP 149821397.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus



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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 1046 HON27 RS03130 WP 168726941.1	.....	1506
NTDB id 366325 FFX45 RS12560 WP 149821397.1	.....	120
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved