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NTDB id 598 KW2 RS08500 WP 021037660.1      MRTAIDENNKTINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRTDKVEI   85
NTDB id 495 SM12261 RS04415 WP 000495920.1  MFVARDSRGELVNVLE..DKLEKQAYTCPACGGQLRLRQGPSVRIHFAHKTLKDCDFSSENESPEHLENKEVLYHWLKKEAEVQL   83
NTDB id 27389 SMI RS04945 WP 000495918.1    MFVARDARGQLVNVLE..DRLEKQAYTCPACGGQLRLRQGPSVRTHFAHKSLKDCDFSFENESPEHLTNKEVLYQWLKKETEVQL   83
NTDB id 155 SP RS04850 WP 000495909.1       MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 265 KZH43 RS04315 WP 000495911.1    MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 224 SPD RS04655 WP 000495911.1      MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 190 SPR RS04415 WP 000495911.1      MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
consensus                                   !**!*!******!*!!  **********!!*!***!****!****!!!!!*!!*!****!!!!**!!**!**!!*!*!*****!**
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NTDB id 598 KW2 RS08500 WP 021037660.1      ERYLPELNQRPDLLVNDKTAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAEQVTELQKNLVYFSENRGFFYWELDFQ   170
NTDB id 495 SM12261 RS04415 WP 000495920.1  EYLLPELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGKKLWLKERLTRLQQGFLYFSQNMGFYVWELDSE   168
NTDB id 27389 SMI RS04945 WP 000495918.1    EHPLPELKQIADVFVNGNLALEVQCSPLSQKVLKERSEGYRSQGYQVLWLLGQKLWLKDRLTRLQQGFLYFSQNMGFYVWELDKE   168
NTDB id 155 SP RS04850 WP 000495909.1       EYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDKE   168
NTDB id 265 KZH43 RS04315 WP 000495911.1    EYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDKG   168
NTDB id 224 SPD RS04655 WP 000495911.1      EYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDKG   168
NTDB id 190 SPR RS04415 WP 000495911.1      EYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDKG   168
consensus                                   !**!*!!*!**!**!!***!*!*!!!*!**!*!!!!*!*!***!**!!!!*!*!!!!****!*!!****!!!*!*!!**!!!!*
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NTDB id 598 KW2 RS08500 WP 021037660.1      RKKLRLKSLIHEDLRGRIICLQEEIPEGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSPKWMKIQEKYYQKGENL   255
NTDB id 495 SM12261 RS04415 WP 000495920.1  KQVLRLKYLIHQDLRGKLHYQIKEFPYGHGSLLEILRFPYKKQKISHFTVSQDKDICRYIRQQLYYQNPIWMKEQAEAYKKGENL   253
NTDB id 27389 SMI RS04945 WP 000495918.1    KQILRLKYLIHQDLRGKLHYQIKEFPYGQASLLEILRFPYKKQKISYFTVSQDKDICRYIRQQLFYQNPIWMKEQAEAYQKGKNL   253
NTDB id 155 SP RS04850 WP 000495909.1       KQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKRQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGENI   253
NTDB id 265 KZH43 RS04315 WP 000495911.1    KQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGENI   253
NTDB id 224 SPD RS04655 WP 000495911.1      KQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGENI   253
NTDB id 190 SPR RS04415 WP 000495911.1      KQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGENI   253
consensus                                   ***!!!!*!!**!!!!*******!***!***!***!!*!!**!!*********!******!!!!!*!!**!!!*!***!*!!*!*
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NTDB id 598 KW2 RS08500 WP 021037660.1      LTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINFQR...NSLEMLYPPRSYAIMGKQKKEK   327
NTDB id 495 SM12261 RS04415 WP 000495920.1  LTYGLKEWYPQI..........RPLVGNFCQIEQDLIRYYLYFQTYYQENPQNDWQMLYPPAFYQQYFLKNMVE   317
NTDB id 27389 SMI RS04945 WP 000495918.1    LTYGLKEWYPQI..........RPIVGKFFQIEQDLTSYYQHFYTYYKENPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 155 SP RS04850 WP 000495909.1       LTYGLKEWYPQI..........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 265 KZH43 RS04315 WP 000495911.1    LTYGLKEWYPQI..........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 224 SPD RS04655 WP 000495911.1      LTYGLKEWYPQI..........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 190 SPR RS04415 WP 000495911.1      LTYGLKEWYPQI..........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
consensus                                   !!*******!***         ******!*!!*!*****!!**!**********!****!!!!**!**********
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X non conserved
X similar
X ≥ 50% conserved