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NTDB id 598 KW2 RS08500 WP 021037660.1      MRTAIDENNKIINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRT   80
NTDB id 51473 SSUST1 RS03620 WP 014735701.1 MLVALDEDGQVFNVLE..NPAPQGRYSCPGCGGLVRYKSGKVLRSHFAHVTLRDCHYFSENESAQHLSLKSCLYSWLINA   78
NTDB id 155 SP RS04850 WP 000495909.1       MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 265 KZH43 RS04315 WP 000495911.1    MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 224 SPD RS04655 WP 000495911.1      MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 190 SPR RS04415 WP 000495911.1      MFVARDARGELVNVLE..DKLEKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 495 SM12261 RS04415 WP 000495920.1  MFVARDSRGELVNVLE..DKLEKQAYTCPACGGQLRLRQGPSVRIHFAHKTLKDCDFSSENESPEHLENKEVLYHWLKKE   78
consensus                                   !**!*!******!*!!   *********!!*!*********!*****!!!!!*!**!****!!!!**!!**!**!!*!****
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NTDB id 598 KW2 RS08500 WP 021037660.1      DKVEIERYLPELNQRPDLLVNDKIAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAEQVTELQKNLVYFSENR  160
NTDB id 51473 SSUST1 RS03620 WP 014735701.1 EQVELEKCLPSIGQVADLFVNDCLALKVQCSSLPISRLQLRTQAYREAGLQVLWLLGKGLWIKEILSKLHKQFLSFSMNM  158
NTDB id 155 SP RS04850 WP 000495909.1       TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNM  158
NTDB id 265 KZH43 RS04315 WP 000495911.1    TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNM  158
NTDB id 224 SPD RS04655 WP 000495911.1      TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNM  158
NTDB id 190 SPR RS04415 WP 000495911.1      TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNM  158
NTDB id 495 SM12261 RS04415 WP 000495920.1  AEVQLEYLLPELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGKKLWLKERLTRLQQGFLYFSQNM  158
consensus                                   **!**!**!****!**!**!!***!***!!!*!****!**!***!***!**!!!!*!**!!**!****!*******!!*!*
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NTDB id 598 KW2 RS08500 WP 021037660.1      GFFYWELDFQRKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSPK  240
NTDB id 51473 SSUST1 RS03620 WP 014735701.1 GFHLWELDDEKKELRLRYLIHEDLRGKVHCLTKFFPFGEGNLLDILRLPFAKQALSHLTCPLDRDLPRYIAQQLYYKSPN  238
NTDB id 155 SP RS04850 WP 000495909.1       GFYVWELDKEKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKRQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 265 KZH43 RS04315 WP 000495911.1    GFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 224 SPD RS04655 WP 000495911.1      GFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 190 SPR RS04415 WP 000495911.1      GFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 495 SM12261 RS04415 WP 000495920.1  GFYVWELDSEKQVLRLKYLIHQDLRGKLHYQIKEFPYGHGSLLEILRFPYKKQKISHFTVSQDKDICRYIRQQLYYQNPI  238
consensus                                   !!**!!!!*  ***!!!**!!**!!!!*************!*!*!***!!*!***!**********!*******!*!!!!!****
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NTDB id 598 KW2 RS08500 WP 021037660.1      WMKIQEKYYQKGENLLTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINFQR...NSLEMLYPPRSY  317
NTDB id 51473 SSUST1 RS03620 WP 014735701.1 WLALQAESYSRGENLLTKTAEEWYPHI.........RLPRSAIGFAQIQKDLTLVYQDFDQYYGNIEDKQKQVLYPPIIY  309
NTDB id 155 SP RS04850 WP 000495909.1       WMKEQAEAYQKGENILTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 265 KZH43 RS04315 WP 000495911.1    WMKEQAEAYQKGENILTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 224 SPD RS04655 WP 000495911.1      WMKEQAEAYQKGENILTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 190 SPR RS04415 WP 000495911.1      WMKEQAEAYQKGENILTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 495 SM12261 RS04415 WP 000495920.1  WMKEQAEAYKKGENLLTYGLKEWYPQI.........RPLV..GNFCQIEQDLIRYYLYFQTYYQENPQNDWQMLYPPAFY  307
consensus                                   !***!***!**!!!*!!******!***          ****  **!*!!*********!**!*****************!!!!**!
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NTDB id 598 KW2 RS08500 WP 021037660.1	AIMGKQKKEK	327
NTDB id 51473 SSUST1 RS03620 WP 014735701.1	RKPM.....	313
NTDB id 155 SP RS04850 WP 000495909.1	QQYFLKNMVE	317
NTDB id 265 KZH43 RS04315 WP 000495911.1	QQYFLKNMVE	317
NTDB id 224 SPD RS04655 WP 000495911.1	QQYFLKNMVE	317
NTDB id 190 SPR RS04415 WP 000495911.1	QQYFLKNMVE	317
NTDB id 495 SM12261 RS04415 WP 000495920.1	QQYFLKNMVE	317
consensus	**********	

X non conserved
X similar
X ≥ 50% conserved