```
logo
NTDB id 155 SP RS04850 WP 000495909.1          MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 265 KZH43 RS04315 WP 000495911.1       MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 224 SPD RS04655 WP 000495911.1         MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 190 SPR RS04415 WP 000495911.1         MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 495 SM12261 RS04415 WP 000495920.1     MFVARDSRGELVNVLEDKL..EKQAYTCPACGGQLRLRQGPSVRIHFAHKTLKDCDFSSENESPEHLENKEVLYHWLKKE   78
NTDB id 224910 BSR25 RS06440 WP 010906110.1    MLTAIDENGQVVNLLEIEVKELTGKYFCPSCKSELFIKNGEIKMPHFAHKSLKACDLWLENESEQHLGLKKALYQWFKKT   80
NTDB id 598 KW2 RS08500 WP 021037660.1         MRTAIDENNKIINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRT   80
consensus                                      !**!*!******!*!!***  ******!!*!***!****!*****!!!!!*!!*!****!!!!**!!**!**!!*!*!**

logo
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
NTDB id 224910 BSR25 RS06440 WP 010906110.1    DKVEIEAYIPEFKQRPDLLVNDTIAIEIQCSHLSMKRLKERTENYQVHGFTVLWLMGQDLWLKDQITELQKNLVYFSENR  160
NTDB id 598 KW2 RS08500 WP 021037660.1         DKVEIERYLPELNQRPDLLVNDKIAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAEQVTELQKNLVYFSENR  160
consensus                                      **!**!****!**!**!**!!***!*!*!!!*!**!*!!!!*!*!***!**!!!!*!**!!!****!*!!****!!!*!*

logo
NTDB id 155 SP RS04850 WP 000495909.1          GFYVWELDKEKQVLRLKYLIYQDLRGKLHYQIKEFSYGGGSLLEILRLPYKRQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 265 KZH43 RS04315 WP 000495911.1       GFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGGGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 224 SPD RS04655 WP 000495911.1         GFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGGGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 190 SPR RS04415 WP 000495911.1         GFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGGGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLF  238
NTDB id 495 SM12261 RS04415 WP 000495920.1     GFYVWELDSEKQVLRLKYLIHQDLRGKLHYQIKEFPYGHGSLLEILRFPYKKQKISHFTVSQDKDICRYIRQQLYYQNPI  238
NTDB id 224910 BSR25 RS06440 WP 010906110.1    GFYYWELDFKAQKMRLKSLIHEDLRGKIIYLQEEIPFGEGRLIEQLRLPFLSQKLLTIPLIVDLKLAEFIRRQLYYCSPK  240
NTDB id 598 KW2 RS08500 WP 021037660.1         GFFYWELDFQRKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSPK  240
consensus                                      !!**!!!!* ***!!!*!!**!!!!*******!***!*!*!***!!*!***!!********!******!!*!!!!****

logo
NTDB id 155 SP RS04850 WP 000495909.1          WMKEQAEAYQKGENILTYGLKEWYPQI...........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 265 KZH43 RS04315 WP 000495911.1       WMKEQAEAYQKGENILTYGLKEWYPQI...........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 224 SPD RS04655 WP 000495911.1         WMKEQAEAYQKGENILTYGLKEWYPQI...........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 190 SPR RS04415 WP 000495911.1         WMKEQAEAYQKGENILTYGLKEWYPQI...........RPIVGKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFY  307
NTDB id 495 SM12261 RS04415 WP 000495920.1     WMKEQAEAYKKGENLLTYGLKEWYPQI...........RPLVGNFCQIEQDLIRYYLYFQTYYQENPQNDWQMLYPPAFY  307
NTDB id 224910 BSR25 RS06440 WP 010906110.1    WLKLQEKYYQRGENLLNLTFERSFIAPLGLNLLEVFDDEIPLHKFTQIKQNINLYYENFLINFQ...QNSFKAVYPPRFY  317
NTDB id 598 KW2 RS08500 WP 021037660.1         WMKIQEKYYQKGENLLTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINFQ...RNSLEMLYPPRSY  317
consensus                                      !*!*!***!**!!!!*!**********           ******!*!!!*!****!!**!****!****!*****!!!**!
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logo

NTDB id 155 SP RS04850 WP 000495909.1         QQYFLKN..MVE   317
NTDB id 265 KZH43 RS04315 WP 000495911.1      QQYFLKN..MVE   317
NTDB id 224 SPD RS04655 WP 000495911.1        QQYFLKN..MVE   317
NTDB id 190 SPR RS04415 WP 000495911.1        QQYFLKN..MVE   317
NTDB id 495 SM12261 RS04415 WP 000495920.1    QQYFLKN..MVE   317
NTDB id 224910 BSR25 RS06440 WP 010906110.1   VIMKKQKKDMNE   329
NTDB id 598 KW2 RS08500 WP 021037660.1        AIMGKQKKEK..   327
consensus                                     *******  ***
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X non conserved
X similar
X $\geq$ 50% conserved