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logo

NTDB id 314088 LL1196 RS09565 WP 021211801.1   MLTAIDENNKIINLLELERKELTGKFYCPSCHAELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRT   80
NTDB id 598 KW2 RS08500 WP 021037660.1         MRTAIDENNKIINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRT   80
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                                      !**!*!******!*!!   *!*******!!*!***!****!*****!!!!!*!!*!****!!!!**!!**!**!!*!*!**

logo

NTDB id 314088 LL1196 RS09565 WP 021211801.1   DKVEIERYLPELNQRPDLLVNDKIAIEIQCSHLSIKRLKERTENYKAHGFKVLWLMGKDLWLAEQVTKLQKNLVYFSENR   160
NTDB id 598 KW2 RS08500 WP 021037660.1         DKVEIERYLPELNQRPDLLVNDKIAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAEQVTELQKNLVYFSENR   160
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                                      **!**!**!*!!*!**!**!!***!*!*!!!*!**!*!!!!*!*!***!**!!!!*!**!!!*!**!*!!****!!!*!*

logo

NTDB id 314088 LL1196 RS09565 WP 021211801.1   GFFYWELDFQRKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDPKLSSFIRQQLYYQSLK   240
NTDB id 598 KW2 RS08500 WP 021037660.1         GFFYWELDFQRKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSPK   240
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                                      !!**!!!!*  ***!!!!*!!**!!!!******!***!*!*!***!!*!!**!!********!******!!!!!!!!***

logo

NTDB id 314088 LL1196 RS09565 WP 021211801.1   WMKIQEKYYQKGENLLTKKFEGPYIAPLGLNLLESFTDEMTITTFTQIDQNVKLYYENFLIDFQ...RNSLEMLYPPCFY   317
NTDB id 598 KW2 RS08500 WP 021037660.1         WMKIQEKYYQKGENLLTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINFQ...RNSLEMLYPPRSY   317
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
consensus                                      !!!*!***!*!!!!*!!******!***           ******!*!!*!****!!**!****!****!****!!!!*!*!
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logo                                                QQYFLKNMVE
                                                    AIMGKQKKEK
NTDB id 314088 LL1196 RS09565 WP 021211801.1        AIMGKQKKEK   327
NTDB id 598 KW2 RS08500 WP 021037660.1              AIMGKQKKEK   327
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 $\geq$ 50% conserved