logo

```
NTDB id 598 KW2 RS08500 WP 021037660.1      MRTAIDENNKIINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRTDKVEI   85
NTDB id 62941 N596 RS00960 WP 023026611.1   MFIATDAKQQRWNCLEKIPMKKEGPFFCLLCGKEVRLKKGVVMRPHFAHVSLEACPFHHETESPEHLELKLGLYQWAKQNSDAEV   85
NTDB id 155 SP RS04850 WP 000495909.1       MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 265 KZH43 RS04315 WP 000495911.1    MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 224 SPD RS04655 WP 000495911.1      MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 190 SPR RS04415 WP 000495911.1      MFVARDARGELVNVLEDKL..EKQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKETKVQL   83
NTDB id 495 SM12261 RS04415 WP 000495920.1  MFVARDSRGELVNVLEDKL..EKQAYTCPACGGQLRLRQGPSVRIHFAHKTLKDCDFSSENESPEHLENKEVLYHWLKKEAEVQL   83
consensus                                   !**!*!******!*!!***  ******!**!********!*****!!!!**!**!****!*!!**!!**!**!!*!*!*******
```

logo

```
NTDB id 598 KW2 RS08500 WP 021037660.1      ERYLPELNQRPDLLVN.DKIAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAEQVTELQKNLVYFSENRGFFYWELDF   169
NTDB id 62941 N596 RS00960 WP 023026611.1   ESPLQAFQQIADVLLPDQKTALEVQCSSLSMERLKERSDAYRKHGYQVYWLLGKNLWLKKSLSALQEGFVYFSQNRGFHLWELDL   170
NTDB id 155 SP RS04850 WP 000495909.1       EYPLSELKQIADVFVN.GNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDK   167
NTDB id 265 KZH43 RS04315 WP 000495911.1    EYPLSELKQIADVFVN.GNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDK   167
NTDB id 224 SPD RS04655 WP 000495911.1      EYPLSELKQIADVFVN.GNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDK   167
NTDB id 190 SPR RS04415 WP 000495911.1      EYPLSELKQIADVFVN.GNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQNMGFYVWELDK   167
NTDB id 495 SM12261 RS04415 WP 000495920.1  EYLLPELKQIADVFVN.GNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGKKLWLKERLTRLQQGFLYFSQNMGFYVWELDS   167
consensus                                   !**!****!**!****  ***!*!*!!!*!****!!!!***!***!**!*!!*!**!!!*****!!****!!!*!*!!**!!!!*
```

logo

```
NTDB id 598 KW2 RS08500 WP 021037660.1      QRKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSPKWMKIQEKYYQKGEN   254
NTDB id 62941 N596 RS00960 WP 023026611.1   EKQEVRLHYLIHQDLRGRLYYRTQHFPFYGGNLLEVLRTPYAQQNLQQMTVPLDRQFKDYLRQQLYYRHSKWMALQEQLYLKGKH   255
NTDB id 155 SP RS04850 WP 000495909.1       EKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKRQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGEN   252
NTDB id 265 KZH43 RS04315 WP 000495911.1    GKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGEN   252
NTDB id 224 SPD RS04655 WP 000495911.1      GKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGEN   252
NTDB id 190 SPR RS04415 WP 000495911.1      GKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNLFWMKEQAEAYQKGEN   252
NTDB id 495 SM12261 RS04415 WP 000495920.1  EKQVLRLKYLIHQDLRGKLHYQIKEFPYGHGSLLEILRFPYKKQKISHFTVSQDKDICRYIRQQLYYQNPIWMKEQAEAYKKGEN   252
consensus                                   ****!!**!!**!!!!!**************!*!***!!*!!**!*********!*******!!!!!!****!!**!***!*!!**
```

logo

```
NTDB id 598 KW2 RS08500 WP 021037660.1      LLTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINFQRN...SLEMLYPPRSYAIMGKQKKEK   327
NTDB id 62941 N596 RS00960 WP 023026611.1   LLELDLEAFYPL..........CRPLKSSHFIQIRGDWRSYYQDFMTYYRSTGMKATQTLYSPRFYQNGKA.....   316
NTDB id 155 SP RS04850 WP 000495909.1       ILTYGLKEWYPQ..........IRPIVG.KFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 265 KZH43 RS04315 WP 000495911.1    ILTYGLKEWYPQ..........IRPIVG.KFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 224 SPD RS04655 WP 000495911.1      ILTYGLKEWYPQ..........IRPIVG.KFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 190 SPR RS04415 WP 000495911.1      ILTYGLKEWYPQ..........IRPIVG.KFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 495 SM12261 RS04415 WP 000495920.1  LLTYGLKEWYPQ..........IRPLVG.NFCQIEQDLIRYYLYFQTYYQENPQNDWQMLYPPAFYQQYFLKNMVE   317
consensus                                   *!*********!**          ******  *!*!!******!!**!*****************!!*!**!*********
```

X non conserved

X similar

X ≥ 50% conserved