```
logo
NTDB id 598 KW2 RS08500 WP 021037660.1      MRTAIDENNKIINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRTDKVEI   85
NTDB id 34619 SSU RS05495 WP 012027201.1    MLVALDEDGQVFNVLE..NPAPQGSFSCPGCGGLVRYKSGKVLRSHFAHVTLRDCHYFSENESAQHLSLKSCLYRWLVNAEQVEL   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
NTDB id 495 SM12261 RS04415 WP 000495920.1  MFVARDSRGELVNVLE..DKLEKQAYTCPACGGQLRLRQGPSVRIHFAHKTLKDCDFSSENESPEHLENKEVLYHWLKKEAEVQL   83
consensus                                   !**!*!******!*!!  *********!!*!********!*****!!!!**!**!****!!!!**!!**!**!!*!******!**

logo
NTDB id 598 KW2 RS08500 WP 021037660.1      ERYLPELNQRPDLLVNDKIAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAFQVTELQKNLVYFSENRGFFYWELDFQ   170
NTDB id 34619 SSU RS05495 WP 012027201.1    EKCLTSIGQVADLFVNNSLALEVQCSGLPISRLQLRTQAYSEAGYQVLWLLGKDLWLKERLTNLHKQFLSFSMNMGFHLWELDDE   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
NTDB id 495 SM12261 RS04415 WP 000495920.1  EYLLPELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGKKLWLKERLTRLQQGFLYFSQNMGFYVWELDSE   168
consensus                                   !**!****!**!**!!***!*!*!!!!*****!**!***!***!**!!!!*!**!!!*!**!*!*******!!*!*!!**!!!!*

logo
NTDB id 598 KW2 RS08500 WP 021037660.1      RKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSPKWMKIQEKYYQKGENL   255
NTDB id 34619 SSU RS05495 WP 012027201.1    KKELRLRYLIHEDLRGKVHCLTKVFPFGEGNLLDILRLPFAKQALSHLTCPLDRDLPRYIAQQLYYKSPNWLALQAESYSRGENL   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
NTDB id 495 SM12261 RS04415 WP 000495920.1  KQVLRLKYLIHQDLRGKLHYQIKEFPYGHGSLLEILRFPYKKQKISHFTVSQDKDICRYIRQQLYYQNPIWMKEQAEAYKKGENL   253
consensus                                   ***!!!**!!**!!!!***********!*!*!***!!*!***!*********!******!*!!!!!****!***!***!**!!!*

logo
NTDB id 598 KW2 RS08500 WP 021037660.1      LTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINEQR...NSLEMLYPPRSYAIMGKQKKEK   327
NTDB id 34619 SSU RS05495 WP 012027201.1    LTKTAEEWYPHI.........RLPRSAIGFAQIQKDLTLVYQDFDQYYGNIEDKQKQVLYPPIIYRKPM......   313
NTDB id 155 SP RS04850 WP 000495909.1       LTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 265 KZH43 RS04315 WP 000495911.1    LTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 224 SPD RS04655 WP 000495911.1      LTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 190 SPR RS04415 WP 000495911.1      LTYGLKEWYPQI.........RPIV..GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAFYQQYFLKNMVE   317
NTDB id 495 SM12261 RS04415 WP 000495920.1  LTYGLKEWYPQI.........RPLV..GNFCQIEQDLIRYYLYFQTYYQENPQNDWQMLYPPAFYQQYFLKNMVE   317
consensus                                   !!******!***         ****  **!*!!******!**!*************!!!!**!**********
```

X non conserved

X similar

X ≥ 50% conserved