logo

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NTDB id 422 SGO RS10255 WP 012131059.1          MNEQFLESAEFYQKRYHNFASCLIVPSLILLVFLVGFSMLAKKEITISSRASVEASRVLAQIQSTSNQPIIANHLAENKE  80
NTDB id 248 KZH43 RS00225 WP 000801613.1        MKPEFLESAEFYNRRYHNFSSSVIVPMALLLVFLLGFATVAEKEMSLSTRATVEPSRILANIQSTSNNRILVNHLEENKL  80
NTDB id 207 SPD RS00240 WP 000801613.1          MKPEFLESAEFYNRRYHNFSSSVIVPMALLLVFLLGFATVAEKEMSLSTRATVEPSRILANIQSTSNNRILVNHLEENKL  80
NTDB id 172 SPR RS00235 WP 000801613.1          MKPEFLESAEFYNRRYHNFSSSVIVPMALLLVFLLGFATVAEKEMSLSTRATVEPSRILANIQSTSNNRILVNHLEENKL  80
NTDB id 37258 SPN032672 RS06525 WP 041178987.1  MKPEFLESAEFYNRRYHNFSSSVIVPMALLLVFLLGFATVAEKEMSLSTRATVEPSRILANIQSTSNNRILVNHLEENKL  80
NTDB id 132 SP RS00260 WP 000801611.1           MKPEFLESAEFYNRRYHNFSSSVIVPMALLLVFLLGFATVAEKEMSLSTRATVEPSRILANIQSTSNNRILVNHLEENKL  80
NTDB id 512 SMSK321 RS10735 WP 000801634.1      MKPEFLESAEFYNRRYHTFSSRVIVPMSLLLVFLLGFATFAEKEMSLSTRATVEPSRILANIQSTSNNRILVNHLEENKL  80
NTDB id 484 SM12261 RS00280 WP 000801588.1      MKPEFLESAEFYNRRYHNFSSRVIVPMFLLLVFLLGFATLAEKEMSMSTRATVEPSRILANIQSTSNNRILVNHLEESKL  80
consensus                                       !***!!!!!!!!!**!!!*!*!*!!!**!!!!!*!!***!*!!***!*!!*!!*!!*!!*!!!!!!!**!**!!!*!*!*
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logo

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NTDB id 422 SGO RS10255 WP 012131059.1          VKKGELLIQYAVEGEGAQEQKFSSQLDLLKDQKGKLETLRSSLESGRNQFTEPDSYGYEQSFKDYQNQVESMTSSVNQQN 160
NTDB id 248 KZH43 RS00225 WP 000801613.1        VKKGDLLVQYQEGAEGVQAESYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
NTDB id 207 SPD RS00240 WP 000801613.1          VKKGDLLVQYQEGAEGVQAESYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
NTDB id 172 SPR RS00235 WP 000801613.1          VKKGDLLVQYQEGAEGVQAESYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
NTDB id 37258 SPN032672 RS06525 WP 041178987.1  VKKGDLLVQYQEGAEGVQAESYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
NTDB id 132 SP RS00260 WP 000801611.1           VKKGDLLVQYQEGAEGVQAESYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
NTDB id 512 SMSK321 RS10735 WP 000801634.1      VKKGELLVQYQEGAEGVQAEAYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
NTDB id 484 SM12261 RS00280 WP 000801588.1      VKKGELLVQYQEGAEGVQAEAYASQLDMLKDQKKQLEYLQKSLQEGENHFPEEDKFGYQATFRDYISQAGSLRASTSQQN 160
consensus                                       !!!!*!!*!!****!!*!***********!!!!*!!!!!!**!!*!**!!**!*!*!*!*!**!!****!*!!**!**!***!**!!!
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logo

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NTDB id 422 SGO RS10255 WP 012131059.1          ATIASQNAAASQSQAELGGVISDVDSKLNDHRNLKNAIQSGVGIDASHPLHSLYQSYRDQLSLAEDKATAQSQIVAQLDG 240
NTDB id 248 KZH43 RS00225 WP 000801613.1        ETIASQNAAASQTQAEIGNLISQTEAKIRDYQTAKSAIETGTSLAGQNLAYSLYQSYKSQG...EENPQTKVQAVAQVEA 237
NTDB id 207 SPD RS00240 WP 000801613.1          ETIASQNAAASQTQAEIGNLISQTEAKIRDYQTAKSAIETGTSLAGQNLAYSLYQSYKSQG...EENPQTKVQAVAQVEA 237
NTDB id 172 SPR RS00235 WP 000801613.1          ETIASQNAAASQTQAEIGNLISQTEAKIRDYQTAKSAIETGTSLAGQNLAYSLYQSYKSQG...EENPQTKVQAVAQVEA 237
NTDB id 37258 SPN032672 RS06525 WP 041178987.1  ETIASQNAAASQTQAEIGNLISQTEAKIRDYQTAKSAMETGASLASQNLAYSLYQSYKSQG...EENPQTKVQAVAQVEA 237
NTDB id 132 SP RS00260 WP 000801611.1           ETIASQNAAASQTQAEIGNLISQTEAKIRDYQTAKSAIETGASLAGQNLAYSLYQSYKSQG...EENPQTKVQAVAQVEA 237
NTDB id 512 SMSK321 RS10735 WP 000801634.1      ETIASQNAAASQTQAEIGNLISQTEAKIRDYQTAKSAIETGASLASQNLAYSLYQSYKSQG...EENPQAKAQAVAQVEA 237
NTDB id 484 SM12261 RS00280 WP 000801588.1      ETIASQNAAASQTQAEIGTLISQTEAKIRDYQTAKSAIETGASLASQNLAYSLYQSYKSQG...EENPQSKAQAVVQLEA 237
consensus                                       *!!!!!!!!!!!!*!!!*!*!*!!****!**!****!*!****!  **********!!!!!!**!*   !*****!**!*!*!***
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NTDB id 422 SGO RS10255 WP 012131059.1          QISQLEATAATYRVQYAGAGAQQAYASNLSSQLASLKAQYLVKVGQELTTLTQQILEAESNLKLQETVSKRGQQILAEMDG 320
NTDB id 248 KZH43 RS00225 WP 000801613.1        QISQLESSLATYRVQYAGSGTQQAYASGLSSQLESLKSQHLAKVGQELSLLAQKILEAESGKKVQGNLLDKGKITASEDG 317
NTDB id 207 SPD RS00240 WP 000801613.1          QISQLESSLATYRVQYAGSGTQQAYASGLSSQLESLKSQHLAKVGQELSLLAQKILEAESGKKVQGNLLDKGKITASEDG 317
NTDB id 172 SPR RS00235 WP 000801613.1          QISQLESSLATYRVQYAGSGTQQAYASGLSSQLESLKSQHLAKVGQELSLLAQKILEAESGKKVQGNLLDKGKITASEDG 317
NTDB id 37258 SPN032672 RS06525 WP 041178987.1  QISQLESSLATYRVQYAGSGTQQAYASGLSSQLESLKSQHLAKVGQELTLLAQKILEAESGKNVQGNLLDKGKITASEDG 317
NTDB id 132 SP RS00260 WP 000801611.1           QISQLESSLATYRVQYAGSGTQQAYASGLSSQLESLKSQHLAKVGQELTLLAQKILEAESGKKVQGNLLDKGKVTASEDG 317
NTDB id 512 SMSK321 RS10735 WP 000801634.1      QLSQLESSLTTYRVQYAGSGIQQAYASGLSSQLESLKSQHLAKVSQELTLLDQKILEVESGKKVQGNLLDKGKITASEDG 317
NTDB id 484 SM12261 RS00280 WP 000801588.1      QLSQLESSLATYRVQYAGSGTQQAYASGLSSQLESLKSQHLAKVGQELTLLDQKILEAESGRKVQGNLLDKGKITASEDG 317
consensus                                       !*!!!!*****!!!!!!!!!*!*!!!!!!*!!!!!*!!!*!*!*!!*!!!**!*!*!!!*!*!!**!*!*****!******!***!**!!
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logo

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NTDB id 422 SGO RS10255 WP 012131059.1          LLHLNPEVQGSTLVAEGTALAQIYPKITNERKIKIVTYVSSKDVSTIKNGDKVRFITADDANKQMILTSQISSIDANATQ  400
NTDB id 248 KZH43 RS00225 WP 000801613.1        VLHLNPETSDSSMVAEGTLLAQLYPSLEREGKAKLTAYLSSKDVARIKVGDSVRYTTTHDAGNQLFLDSTITSIDATATK  397
NTDB id 207 SPD RS00240 WP 000801613.1          VLHLNPETSDSSMVAEGTLLAQLYPSLEREGKAKLTAYLSSKDVARIKVGDSVRYTTTHDAGNQLFLDSTITSIDATATK  397
NTDB id 172 SPR RS00235 WP 000801613.1          VLHLNPETSDSSMVAEGTLLAQLYPSLEREGKAKLTAYLSSKDVARIKVGDSVRYTTTHDAGNQLFLDSTITSIDATATK  397
NTDB id 37258 SPN032672 RS06525 WP 041178987.1  VLHLNPETSDSSMVAEGALLAQLYPSLEREGKAKLTAYLSSKDVARIKVGDSVRYTTTHDAGNQLFLDSTITSIDATATK  397
NTDB id 132 SP RS00260 WP 000801611.1           VLHLNPETSDSSMVAEGALLAQLYPSLEREGKAKLTAYLSSKYVARIKVGDSVRYTTTHDAGNQLFLDSTITSIDATATK  397
NTDB id 512 SMSK321 RS10735 WP 000801634.1      VLHLNPETSDSTMVAEGTLLAQLYPSLEKEGKAKLTAYLSSKDVARIKVGDSVRYTTTHDAKNQIFLDSTITSIDATATK  397
NTDB id 484 SM12261 RS00280 WP 000801588.1      VLHLNPETSDSTMVAEGALLAQLYPSLEKEGKVKLTAYLSSKDVARIKVGDSVRYTTTHDAKNQLFLDSTITSIDATATK  397
consensus                                       *!!!!!!***!**!!!!**!!!*!!***!*!*!***!*!!!*!**!!*!!*!!**!**!!**!*!*!*!!!!*!!*
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logo

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NTDB id 422 SGO RS10255 WP 012131059.1          TKQGNFFKVECEMAVSKDQAKKLRYGLEGKFVMVTGEKTYFSYYMEKFFNLG  452
NTDB id 248 KZH43 RS00225 WP 000801613.1        TEKGNFFKIEAETNLTSEQAEKLRYGVEGRLQMITGKKSYLRYYLDQFLNKE  449
NTDB id 207 SPD RS00240 WP 000801613.1          TEKGNFFKIEAETNLTSEQAEKLRYGVEGRLQMITGKKSYLRYYLDQFLNKE  449
NTDB id 172 SPR RS00235 WP 000801613.1          TEKGNFFKIEAETNLTSEQAEKLRYGVEGRLQMITGKKSYLRYYLDQFLNKE  449
NTDB id 37258 SPN032672 RS06525 WP 041178987.1  TEKGNFFKIEAETNLTSEQAEKLRYGVEGRLQMITGKKSYLRYYLDQFLNKE  449
NTDB id 132 SP RS00260 WP 000801611.1           TEKGNFFKIEAETNLTSEQAEKLRYGVEGRLQMITGKKSYLRYYLDQFLNKE  449
NTDB id 512 SMSK321 RS10735 WP 000801634.1      TEKGNFFKIEAETNLTSEQTEKLRYGVEGRLQMITGRKSYLRYYLDQFLNKE  449
NTDB id 484 SM12261 RS00280 WP 000801588.1      TETGNFFKIEAETNLTSKQAAKLRYGVEGRLQMITGRKSYLRYYLDQFLNKE  449
consensus                                       !**!!!!!*!*!******!**!!!!!*!!***!*!!*!*!**!!***!*!**
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X non conserved

X similar

X ≥ 50% conserved