```
logo
NTDB id 402700 FOB91 RS06470 WP 012131059.1   MNEQFLESAEFYQKRYHNFASCLIVPSLILLVFLVGFSMLAKKEITISSRASVEASRVLAQIQSTSNQPIIANHLAENKE   80
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 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                                     !***!!!!!!!!**!!!*!*!  *!!!* *!!!!!*!!***!*!!***!*!!*!!*!!*!!*!!!!!!**!**!!!*!*!*

logo
NTDB id 402700 FOB91 RS06470 WP 012131059.1   VKKGELLIQYAVEGEGAQEQKFSSQLDLLKDQKGKLETLRSSLESGRNQFTEPDSYGYEQSFKDYQNQVESMTSSVNQQN   160
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 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                                     !!!!*!!*!!****!!*!** **!!!!*!!!!!**!!*!**!!**!*!*!*!*!**!!***!*!!**!**!***!**!!!

logo
NTDB id 402700 FOB91 RS06470 WP 012131059.1   ATIASQNAAASQSQAELGGVISDVDSKLNDHRNLKNAIQSGVGIDASHPLHSLYQSYRDQLSLAEDKATAQSQIVAQLDG   240
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 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                                     *!!!!!!!!!!!*!!!*!**!!****!**!****!*!!**!  *********!!!!!!**!*   !****** !*!*!***

logo
NTDB id 402700 FOB91 RS06470 WP 012131059.1   QISQLEATAATYRVQYAGAGAQQAYASNLSSQLASLKAQYLVKVGQELTTLTQQILEAESNLKLQETVSKRGQILAEMDG   320
NTDB id 422 SGO RS10255 WP 012131059.1        QISQLEATAATYRVQYAGAGAQQAYASNLSSQLASLKAQYLVKVGQELTTLTQQILEAESNLKLQETVSKRGQILAEMDG   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 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
NTDB id 402700 FOB91 RS06470 WP 012131059.1   LLHLNPEVQGSTLVAEGTALAQIYPKITNERKIKIVTYVSSKDVSTIKNGDKVRFITADDANKQMILTSQISSIDANATQ   400
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 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
NTDB id 402700 FOB91 RS06470 WP 012131059.1   TKQGNFFKVECEMAVSKDQAKKLRYGLEGKFVMVTGEKTYFSYYMEKFFNLG   452
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 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 $\geq$ 50% conserved