```
logo
NTDB id 1128009 FGL23 RS10380 WP 061603260.1  MNEQFLESAEFYQKRYHNFASCLIVPSLILLVFLVGFSMLAKKEITISSRASVEASRVLAQIQSTSNQAIIANHLAENKE   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 1128009 FGL23 RS10380 WP 061603260.1  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 1128009 FGL23 RS10380 WP 061603260.1  ATIASQNAAASQSQAELGGVISDVDSKLNDHRNLKNAIQSGVGIDASHPLYSLYQSYRNQLSLAEDKATAQSQIVAQLDG  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 1128009 FGL23 RS10380 WP 061603260.1  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 1128009 FGL23 RS10380 WP 061603260.1   LLHLNPEVQGSTLVAEGTALAQIYPKITNERKIKIVTYVSSKDVSTIKNGDKVREITADDANKQMILTSQISSIDANATQ   400
NTDB id 422 SGO RS10255 WP 012131059.1         LLHLNPEVQGSTLVAEGTALAQIYPKITNERKIKIVTYVSSKDVSTIKNGDKVREITADDANKQMILTSQISSIDANATQ   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 1128009 FGL23 RS10380 WP 061603260.1   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