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logo
NTDB id 1139160 DQM54 RS10445 WP 111724244.1   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                                      !***!!!!!!!!!**!!!*!*! *!!!* *!!!!!*!!***!*!!***!*!!*!!*!!*!!*!!!!!!**!**!!!*!*!*
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logo
NTDB id 1139160 DQM54 RS10445 WP 111724244.1   VKKGDLLIQYAVEGEGAQEQKFSSQLDLLKDQKGKLETLRSSLESGRNQFTEPDSYGYEQSFKDYQNQVASMTSSVNQQN   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                                      !!!!*!!*!!****!!*!** **!!!!*!!!!!**!!*!**!!**!*!*!*!*!**!!***!*!!**!**!***!**!!!
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logo
NTDB id 1139160 DQM54 RS10445 WP 111724244.1   ATIASQNAAASQSQAELGGVISDVDSKLNDYRNLKNAIQSGVGIDASHPLYSYLYQSYRDQLSLAEDKTTAQSQIVAQLDG   240
NTDB id 422 SGO RS10255 WP 012131059.1         ATIASQNAAASQSQAELGGVISDVDSKLNDHRNLKNAIQSGVGIDASHPLHSYLYQSYRDQLSLAEDKATAQSQIVAQLDG   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                                      *!!!!!!!!!!!!*!!!*!**!!****!**!****!*!!**! ********!!!!!!!**!*   !****** !*!*!***
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logo
NTDB id 1139160 DQM54 RS10445 WP 111724244.1   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 1139160 DQM54 RS10445 WP 111724244.1  LLHLNPEVQGSTLVAEGTALAQIYPKITSERKIKIVTYVSSKDVSTIKNGDKVREITADDANKQMILTSQISSIDANATQ   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 1139160 DQM54 RS10445 WP 111724244.1  TKQGNFFKVECEMAVSKDQAKKLRYGLEGKFVMVTGQKTYFSYYMEKFFNLG   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