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logo

NTDB id 420 DQL23 RS10740 WP 008808031.1      .MKVLVLEDTIEHQVRIENVFEEISRELNLEIKA.KVTGKIHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH   78
NTDB id 417 SGO RS10500 WP 008808031.1        .MKVLVLEDTIEHQVRIENVFEEISRELNLEIKA.KVTGKIHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH   78
NTDB id 627 AAM18091.1 1453..2205( )          .MKVLILEDVIQHQVRLERTLDEISKELNIPISY.KTTGKEREFKEYIENDEVNQLYFLDIDIHGVEKKGFEVAQFIRRH   78
NTDB id 487 SM12261 RS09370 WP 000866073.1    .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQFIRHH   78
NTDB id 250 KZH43 RS10245 WP 000866065.1      .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 209 SPD RS10920 WP 000866065.1        .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 175 SPR RS10400 WP 000866065.1        .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 139 SP RS11425 WP 000866065.1         .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 515 SMSK321 RS0102895 WP 000866074.1 .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 545 H702 RS02385 WP 052071091.1      MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTN.LVEESFPQIFFLDIDIHGDNTKGIEVAKAIREK   79
NTDB id 542 H702 RS02345 WP 039696227.1      MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREK   80
NTDB id 388966 LPB220 RS01370 WP 150905164.1 MLKIFVLEDEWIQQSRIESVLQDLIHQKSLQCKAPEVFGKSSQLLDAITERGAHHLFFLDIEIKGEEKKGLEIAKEIRKK   80
NTDB id 55 SMU RS08710 WP 002262114.1        MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH   80
consensus                                     *****!!! ***!*!*!********* ** *   * ******* **** *******!!!**!** ***! **!* !!
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logo

NTDB id 420 DQL23 RS10740 WP 008808031.1      NPYAIIVFVTSHSEFATLTFKYKVSALDFIDKDINDNSFKKRVKDCIVYTRNNLIENTDIVDFFEYSFRGNEIRIPFRDI   158
NTDB id 417 SGO RS10500 WP 008808031.1        NPYAIIVFVTSHSEFATLTFKYKVSALDFIDKDINDNSFKKRVKDCIVYTRNNLIENTDIVDFFEYSFRGNEIRIPFRDI   158
NTDB id 627 AAM18091.1 1453..2205( )          NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQSILYTKSMLLENKDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 487 SM12261 RS09370 WP 000866073.1    NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 250 KZH43 RS10245 WP 000866065.1      NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDEMFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 209 SPD RS10920 WP 000866065.1        NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDEMFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 175 SPR RS10400 WP 000866065.1        NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDEMFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 139 SP RS11425 WP 000866065.1         NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDEMFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 515 SMSK321 RS0102895 WP 000866074.1 NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 545 H702 RS02385 WP 052071091.1      SRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFEDQGF.NIPKEIFVFENNKTKIRIPLEDI   158
NTDB id 542 H702 RS02345 WP 039696227.1      DPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALKY.QTGSFGENSYLFETAKARIRVAYDDI   159
NTDB id 388966 LPB220 RS01370 WP 150905164.1 DPHATIVFVTTHSEFMPITFQYKVAALDFIDKTLGEEEFRERISSAIDYTLEQAGT.TIAQDAFTFESAMARVQVPFNKI   159
NTDB id 55 SMU RS08710 WP 002262114.1        NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI   160
consensus                                     ***!*!!!*!* !!!***!****!*!*!!*!!***** ******  * ***  **** ******** ********** *!
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logo

NTDB id 420 DQL23 RS10740 WP 008808031.1      LYIETTGSPYKLRVVGKNFFKEFYGTIAEIQEQDKELGYFFSPHKSYLSNISNISGYDKKTKDVLYYDGHRSPISRLRVR   238
NTDB id 417 SGO RS10500 WP 008808031.1        LYIETTGSPYKLRVVGKNFFKEFYGTIAEIQEQDKELGYFFSPHKSYLSNISNISGYDKKTKDVLYYDGHRSPISRLRVR   238
NTDB id 627 AAM18091.1 1453..2205( )          LYIETTGVSHKLRIIGKNFAKEFYGTMADIQEKDKDTQRFYSAHKSFLVNVGNIREIDRKNLEVVFYEDHRCPITRLKVR   238
NTDB id 487 SM12261 RS09370 WP 000866073.1    LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 250 KZH43 RS10245 WP 000866065.1      LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 209 SPD RS10920 WP 000866065.1        LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 175 SPR RS10400 WP 000866065.1        LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 139 SP RS11425 WP 000866065.1         LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 515 SMSK321 RS0102895 WP 000866074.1 LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 545 H702 RS02385 WP 052071091.1      LYFETAE.SHRLKLITKTGQRHFYGSIKEVMQANQ...KLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYVSRKYIK   234
NTDB id 542 H702 RS02345 WP 039696227.1      LYFETSPTVHRVILHTKTGQTEFYGTIAEVAKSDK...RLLKCHRSFVINVNNVTEFDKSTRTAYFENGSYCQVSRDKVK   236
NTDB id 388966 LPB220 RS01370 WP 150905164.1 LYVETSPTIHKVILHTKDERLEFYASIADIEKADP...RLYRCHRSFVVNPQNITKIDKEAKKAFFENGDNCLISRTKYR   236
NTDB id 55 SMU RS08710 WP 002262114.1        LYFETSSTAHKLCLYTYDERIEFYGSMTDIVKMDK...RLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLT   237
consensus                                     !!*!!** ********** **!!*** **** **   *****!*!***!**!* **!**  ************!****
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logo

NTDB id 420 DQL23 RS10740 WP 008808031.1              YLKEILKAKSKKEENKK   255
NTDB id 417 SGO RS10500 WP 008808031.1                YLKEILKAKSKKEENKK   255
NTDB id 627 AAM18091.1 1453..2205( )                  KLRDILEKKSKK*....   250
NTDB id 487 SM12261 RS09370 WP 000866073.1            KLKDILEKKSQK.....   250
NTDB id 250 KZH43 RS10245 WP 000866065.1              KLKDILEKKSQK.....   250
NTDB id 209 SPD RS10920 WP 000866065.1                KLKDILEKKSQK.....   250
NTDB id 175 SPR RS10400 WP 000866065.1                KLKDILEKKSQK.....   250
NTDB id 139 SP RS11425 WP 000866065.1                 KLKDILEKKSQK.....   250
NTDB id 515 SMSK321 RS0102895 WP 000866074.1          KLKDILEKKSQK.....   250
NTDB id 545 H702 RS02385 WP 052071091.1               DLRSKMENLK.......   244
NTDB id 542 H702 RS02345 WP 039696227.1               KLMAEMR..........   243
NTDB id 388966 LPB220 RS01370 WP 150905164.1          GLLEALKK.........   244
NTDB id 55 SMU RS08710 WP 002262114.1                 KLRAVIADQRRAK....   250
consensus                                             *!******** *
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X non conserved
X similar
X ≥ 50% conserved