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NTDB id 420 DQL23 RS10740 WP 008808031.1        .MKVLVLEDTIEHQVRIENVFEEISRELNLEIK.AKVTGKIHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH   78
NTDB id 417 SGO RS10500 WP 008808031.1          .MKVLVLEDTIEHQVRIENVFEEISRELNLEIK.AKVTGKIHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH   78
NTDB id 627 AAM18091.1 1453..2205( )            .MKVLILEDVIQHQVRLERTLDEISKELNIPIS.YKTTGKEREFKEYIENDEVNQLYFLDIDIHGVEKKGFEVAQFIRRH   78
NTDB id 250 KZH43 RS10245 WP 000866065.1        .MKVLILEDVIEHQVRLERILDEISKESNIPIS.YKTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 209 SPD RS10920 WP 000866065.1          .MKVLILEDVIEHQVRLERILDEISKESNIPIS.YKTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 175 SPR RS10400 WP 000866065.1          .MKVLILEDVIEHQVRLERILDEISKESNIPIS.YKTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 139 SP RS11425 WP 000866065.1           .MKVLILEDVIEHQVRLERILDEISKESNIPIS.YKTTGKVREFEEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 515 SMSK321 RS0102895 WP 000866074.1   .MKVLILEDVIEHQVRLERILDEISKESNIPIS.YKTTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 487 SM12261 RS09370 WP 000866073.1     .MKVLILEDVIEHQVRLERILDEISKESNIPIS.YKTTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQFIRHH   78
NTDB id 545 H702 RS02385 WP 052071091.1        MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLT.NLVEESFPQIFFLDIDIHGDNTKGIEVAKAIREK   79
NTDB id 542 H702 RS02345 WP 039696227.1        MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREK   80
NTDB id 156020 RN80 RS05125 WP 060627927.1     .MNIFILEDNFLQQTRIENVVKKILVDNKIEYRHFEVYGKPQQLLEDISERGNHQLFLLDIEIKDADKRGLDVAREIRKL   79
NTDB id 55 SMU RS08710 WP 002262114.1          MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH   80
consensus                                       *****!!! ***!*!*!********* ** *  ** ******* **** ****!***!!**!** ***!  **!* !!
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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 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 487 SM12261 RS09370 WP 000866073.1     NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 545 H702 RS02385 WP 052071091.1        SRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFE.DQGFNIPKEIFVFENNKTKIRIPLEDI   158
NTDB id 542 H702 RS02345 WP 039696227.1        DPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALK.YQTGSFGENSYLFETAKARIRVAYDDI   159
NTDB id 156020 RN80 RS05125 WP 060627927.1     DSQAVIAFVTSHSEFMPVSFEYLVSAIDFIDKELPEPLFIKRIENVILSV.SDNQGITVSEDSFIFTGSKAQIQVPFKDL   158
NTDB id 55 SMU RS08710 WP 002262114.1          NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI   160
consensus                                       ***!*!*!*!* !!!********!*!*!!*!!************* * **** **** ******** ********** **
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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 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 487 SM12261 RS09370 WP 000866073.1     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 156020 RN80 RS05125 WP 060627927.1     LYIETSSIAHKLTLYSKRDIVEFYGQLSEIIEQEP...RLFQCHRSFIVNPYNISSIDKENRVVHFQNGSSCIVSRLKIR   235
NTDB id 55 SMU RS08710 WP 002262114.1          LYFETSSTAHKLCLYTYDERIEFYGSMTDIVKMDK...RLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLT   237
consensus                                       !!*!!*************** **!!!******* **    *****!*!***!**!* **!*** ************!****
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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 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 487 SM12261 RS09370 WP 000866073.1    KLKDILEKKSQK.....   250
NTDB id 545 H702 RS02385 WP 052071091.1       DLRSKMENLK.......   244
NTDB id 542 H702 RS02345 WP 039696227.1       KLMAEMR..........   243
NTDB id 156020 RN80 RS05125 WP 060627927.1    SLMKAVERLHD......   246
NTDB id 55 SMU RS08710 WP 002262114.1         KLRAVIADQRRAK....   250
consensus                                     *!******** *
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X non conserved
X similar
X ≥ 50% conserved