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NTDB id 55 SMU RS08710 WP 002262114.1          MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH   80
NTDB id 627 AAM18091.1 1453..2205( )           .MKVLILEDVIQHQVRLERTLDEISKELNIPISY.KTTGKEREFKEYIENDEVNQLYFLDIDIHGVEKKGFEVAQFIRRH   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 487 SM12261 RS09370 WP 000866073.1     .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQFIRHH   78
NTDB id 515 SMSK321 RS0102895 WP 000866074.1  .MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY   78
NTDB id 194004 BFM96 RS02990 WP 068990101.1   .MKVLVLEDELTHQIRMESTLATISEEMGFAIKV.TTTGKISEFKEYVENEEVNQLYFLDIDIKGEETKGLEIARFIRQH   78
NTDB id 420 DQL23 RS10740 WP 008808031.1       .MKVLVLEDTIEHQVRIENVFEEISRELNLEIKA.KVTGKIHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH   78
NTDB id 417 SGO RS10500 WP 008808031.1         .MKVLVLEDTIEHQVRIENVFEEISRELNLEIKA.KVTGKIHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH   78
consensus                                       *****!!!****!*!*!*****!**!******* ***!!***************!**!!!!*!***!*!!*!*!* !!**
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NTDB id 55 SMU RS08710 WP 002262114.1          NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI   160
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 487 SM12261 RS09370 WP 000866073.1     NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 515 SMSK321 RS0102895 WP 000866074.1  NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQNIFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 194004 BFM96 RS02990 WP 068990101.1   NPYAIIVFVTTKSEFATLTFKYKVSALDFIDKNLGDDAFKEHIQSAIEYTKSTLLENQDMVDYFEYSYRGGEVRIPYQDI   158
NTDB id 420 DQL23 RS10740 WP 008808031.1       NPYAIIVFVTSHSEFATLTFKYKVSALDFIDKDINDNSFKKRVKDCIVYTRNNLIENTDIVDFFEYSFRGNEIRIPFRDI   158
NTDB id 417 SGO RS10500 WP 008808031.1         NPYAIIVFVTSHSEFATLTFKYKVSALDFIDKDINDNSFKKRVKDCIVYTRNNLIENTDIVDFFEYSFRGNEIRIPFRDI   158
consensus                                      !!*!*!!!*!**!!!**!!**!*!!!!!!*!!******!*********!*******!******!***********!***!
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NTDB id 55 SMU RS08710 WP 002262114.1          LYFETSSTAHKLCLYTYDERIEFYGSMTDIVKMDK...RLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLT   237
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 487 SM12261 RS09370 WP 000866073.1     LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 515 SMSK321 RS0102895 WP 000866074.1  LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 194004 BFM96 RS02990 WP 068990101.1   LYIETTGASHKLRIVGKNFFKEFYGTISDIQEKDEKSNRFFSCHKSYLANIGNIQGYDKKSKEIIFYENHRCPITRMKVG   238
NTDB id 420 DQL23 RS10740 WP 008808031.1       LYIETTGSPYKLRVVGKNFFKEFYGTIAEIQEQDKELGYFFSPHKSYLSNISNISGYDKKTKDVLYYDGHRSPISRLRVR   238
NTDB id 417 SGO RS10500 WP 008808031.1         LYIETTGSPYKLRVVGKNFFKEFYGTIAEIQEQDKELGYFFSPHKSYLSNISNISGYDKKTKDVLYYDGHRSPISRLRVR   238
consensus                                      !!*!!*****!!*********!!!!****!***!*********!*!***!**!!***!*!**************!*!****
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logo                                                  KLKDILEKKSQK
                                                      YLRAYTADSRRAREENKK

NTDB id 55 SMU RS08710 WP 002262114.1                 KLRAVIADQRRAK....   250
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 487 SM12261 RS09370 WP 000866073.1            KLKDILEKKSQK.....   250
NTDB id 515 SMSK321 RS0102895 WP 000866074.1          KLKDILEKKSQK.....   250
NTDB id 194004 BFM96 RS02990 WP 068990101.1           KLKTLLEEK........   247
NTDB id 420 DQL23 RS10740 WP 008808031.1              YLKEILKAKSKKEENKK   255
NTDB id 417 SGO RS10500 WP 008808031.1                YLKEILKAKSKKEENKK   255
consensus                                             *!**********
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X non conserved

X similar

X $\geq$ 50% conserved