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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 602 KW2 RS03060 WP 011834647.1          ......MGYLVPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVEDGMANSIIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   74
NTDB id 611 V4T04 RS07970 WP 003129593.1        ......MGYLVPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVEDGMANSIIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   74
NTDB id 1139640 DQM63 RS08295 WP 223312420.1    MLKREREKTMIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   80
NTDB id 282 KZH43 RS03215 WP 000613477.1        .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGGSVSA   71
NTDB id 246 SPD RS03495 WP 000613477.1          .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGGSVSA   71
NTDB id 244 SPR RS03300 WP 000613477.1          .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGGSVSA   71
NTDB id 242 SP RS03655 WP 000613477.1           .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGGSVSA   71
NTDB id 330 STU RS11365 WP 002949732.1          .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPIEDNMANSIIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   71
NTDB id 298 STER RS01925 WP 002949732.1         .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPIEDNMANSIIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   71
NTDB id 376 SMU RS07595 WP 255262720.1          .MELKEKYSMIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSIIAQLLFLDAQDNTKDIYLYINSPGGSVSA   79
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1   .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   71
NTDB id 445 SPYM3 RS01720 WP 002985850.1        .........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDNTKDIYLYVNTPGGSVSA   71
NTDB id 1223 Cj0192c YP 002343650.1             ........MFIPYVIEKSSRGERSYDIYSRLLKDRIIMLSGEIHDELAASIVAQLLFLEAEDPTKDIYLYINSPGGVITS   72
NTDB id 86 BSU 34540 NP 391334.1                .......MNLIPTVIEQTNRGERAYDIYSRLLKDRIIMLGSAIDDNVANSIVSQLLFLAAEDPEKEISLYINSPGGSITA   73
consensus                                                **!*!!!***!!!!*!!!!!!!!!!!!!!!*****!**!*!***!!!!!*!*!**!*!*!!*!*!!!****
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NTDB id 602 KW2 RS03060 WP 011834647.1          GLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYLIHQPMGGAGQGTQQTDMAIVAEQLLKTRKRLE   154
NTDB id 611 V4T04 RS07970 WP 003129593.1        GLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYLIHQPMGGTGQGTQQTDMAIVAEQLLKTRKRLE   154
NTDB id 1139640 DQM63 RS08295 WP 223312420.1    GLAIVDTMNFIKSDVQTIVMGVAASMGTIIASSGAKGKRFMLPNAEYLIHQPMGGAGSGTQQTDMAIVAEHLLRTRNTLE   160
NTDB id 282 KZH43 RS03215 WP 000613477.1        GLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRNTLE   151
NTDB id 246 SPD RS03495 WP 000613477.1          GLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRNTLE   151
NTDB id 244 SPR RS03300 WP 000613477.1          GLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRNTLE   151
NTDB id 242 SP RS03655 WP 000613477.1           GLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRNTLE   151
NTDB id 330 STU RS11365 WP 002949732.1          GLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRNNLE   151
NTDB id 298 STER RS01925 WP 002949732.1         GLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRNNLE   151
NTDB id 376 SMU RS07595 WP 255262720.1          GLAIVDTMNFIKSDVQTIVMGIAASMGTIIASSGAKGKRFMLPNAEYLIHQPMGGTGGGTQQSDMAIAAEQLLKTRKKLE   159
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1   GLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRHRLE   151
NTDB id 445 SPYM3 RS01720 WP 002985850.1        GLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEHLLKTRHRLE   151
NTDB id 1223 Cj0192c YP 002343650.1             GFSIYDTMNYIKPDVCTICIGQAASMGAFLLSCGAEGKRFALPNSRIMIHQPLGGARG..QATDIEIQAKEILRLKTILN   150
NTDB id 86 BSU 34540 NP 391334.1                GMAIYDTMQFIKPKVSTICIGMAASMGAFLLAAGEKGKRYALPNSEVMIHQPLGGAQG..QATEIEIAAKRILLLRDKLN   151
consensus                                       !**!*!!!**!!  *!*!!**!*!!!!!*****!  *!!!**!!!****!!!!*!!*****!*****!*!***!***   !*
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logo

NTDB id 602 KW2 RS03060 WP 011834647.1          QILADNSNRSLEQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.   199
NTDB id 611 V4T04 RS07970 WP 003129593.1        QILADNSNRSLEQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.   199
NTDB id 1139640 DQM63 RS08295 WP 223312420.1    KILAENSGKSVEQIHKDAERDYWMSAQETLEYGFIDEIMENSNLN.   205
NTDB id 282 KZH43 RS03215 WP 000613477.1        KILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 246 SPD RS03495 WP 000613477.1          KILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 244 SPR RS03300 WP 000613477.1          KILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 242 SP RS03655 WP 000613477.1           KILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 330 STU RS11365 WP 002949732.1          QILADNSGQPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNNQLK.   196
NTDB id 298 STER RS01925 WP 002949732.1         QILADNSGQPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNNQLK.   196
NTDB id 376 SMU RS07595 WP 255262720.1          KILSDNSGKTIKQIHKDAERDYWMDAKETLKYGFIDEIMENNELK.   204
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1   KILAQNAGKTIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.   196
NTDB id 445 SPYM3 RS01720 WP 002985850.1        KILAQNAGKTIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.   196
NTDB id 1223 Cj0192c YP 002343650.1             DILAKNTKQKVAKIAKDTERDFFMSAQEAKEYGLIDKVLEKSFK..   194
NTDB id 86 BSU 34540 NP 391334.1                KVLAERTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK   197
consensus                                       **!*********  ***!**!!  ***!*!***!!*!!***  **  **
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X non conserved
X similar
X $\geq$ 50% conserved