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logo

NTDB id 602 KW2 RS03060 WP 011834647.1              .....MGYLVPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVEDGMANSIIAQLLFLDAQDNTKDIYLYVNTPGG   70
NTDB id 611 V4T04 RS07970 WP 003129593.1            .....MGYLVPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVEDGMANSIIAQLLFLDAQDNTKDIYLYVNTPGG   70
NTDB id 330 STU RS11365 WP 002949732.1              ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPIEDNMANSIIAQLLFLDAQDNTKDIYLYVNTPGG   67
NTDB id 298 STER RS01925 WP 002949732.1             ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPIEDNMANSIIAQLLFLDAQDNTKDIYLYVNTPGG   67
NTDB id 282 KZH43 RS03215 WP 000613477.1            ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGG   67
NTDB id 246 SPD RS03495 WP 000613477.1              ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGG   67
NTDB id 244 SPR RS03300 WP 000613477.1              ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGG   67
NTDB id 242 SP RS03655 WP 000613477.1               ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDSTKDIYLYVNTPGG   67
NTDB id 1113399 HMPREF9318 RS10240 WP 006738636.1  ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGQVEDNMANSIIAQLLFLDAQDSTKDIYLYVNTPGG   67
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1       ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDNTKDIYLYVNTPGG   67
NTDB id 445 SPYM3 RS01720 WP 002985850.1            ........MIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSVIAQLLFLDAQDNTKDIYLYVNTPGG   67
NTDB id 376 SMU RS07595 WP 255262720.1              MELKEKYSMIPVVIEQTSRGERSYDIYSRLLKDRIIMLTGPVEDNMANSIIAQLLFLDAQDNTKDIYLYINSPGG   75
NTDB id 1223 Cj0192c YP 002343650.1                 .......MFIPYVIEKSSRGERSYDIYSRLLKDRIIMLSGEIHDELAASIVAQLLFLEAEDPTKDIYLYINSPGG   68
NTDB id 86 BSU 34540 NP 391334.1                    ......MNLIPTVIEQTNRGERAYDIYSRLLKDRIIMLGSAIDDNVANSIVSQLLFLAAEDPEKEISLYINSPGG   69
consensus                                                **!*!!!***!!!!*!!!!!!!!!!!!!!!*****!**!*!***!!!!!*!*!  *!*!*!!*!*!!!
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logo

NTDB id 602 KW2 RS03060 WP 011834647.1              SVSAGLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYLIHQPMGGAGQGTQQTDMAIVAEQ   145
NTDB id 611 V4T04 RS07970 WP 003129593.1            SVSAGLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYLIHQPMGGTGQGTQQTDMAIVAEQ   145
NTDB id 330 STU RS11365 WP 002949732.1              SVSAGLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 298 STER RS01925 WP 002949732.1             SVSAGLAIVDTMNFIKSDVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 282 KZH43 RS03215 WP 000613477.1            SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 246 SPD RS03495 WP 000613477.1              SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 244 SPR RS03300 WP 000613477.1              SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 242 SP RS03655 WP 000613477.1               SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGAKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 1113399 HMPREF9318 RS10240 WP 006738636.1  SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTIIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQSDMAIAAEH   142
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1       SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 445 SPYM3 RS01720 WP 002985850.1            SVSAGLAIVDTMNFIKADVQTIVMGMAASMGTVIASSGTKGKRFMLPNAEYMIHQPMGGTGGGTQQTDMAIAAEH   142
NTDB id 376 SMU RS07595 WP 255262720.1              SVSAGLAIVDTMNFIKSDVQTIVMGIAASMGTIIASSGAKGKRFMLPNAEYLIHQPMGGTGGGTQQSDMAIAAEQ   150
NTDB id 1223 Cj0192c YP 002343650.1                 VITSGFSIYDTMNYIKPDVCTICIGQAASMGAFLLSCGAEGKRFALPNSRIMIHQPLGGARG..QATDIEIQAKE   141
NTDB id 86 BSU 34540 NP 391334.1                    SITAGMAIYDTMQFIKPKVSTICIGMAASMGAFLLAAGEKGKRYALPNSEVMIHQPLGGAQG..QATEIEIAAKR   142
consensus                                           ****!**!*!!!**!!  *!*!!**!*!!!!!*****!  *!!!**!!!****!!!!*!!*****!*****!*!**
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logo

NTDB id 602 KW2 RS03060 WP 011834647.1              LLKTRKRLEQILADNSNRSLEQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.   199
NTDB id 611 V4T04 RS07970 WP 003129593.1            LLKTRKRLEQILADNSNRSLEQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.   199
NTDB id 330 STU RS11365 WP 002949732.1              LLKTRNNLEQILADNSGQPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNNQLK.   196
NTDB id 298 STER RS01925 WP 002949732.1             LLKTRNNLEQILADNSGQPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNNQLK.   196
NTDB id 282 KZH43 RS03215 WP 000613477.1            LLKTRNTLEKILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 246 SPD RS03495 WP 000613477.1              LLKTRNTLEKILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 244 SPR RS03300 WP 000613477.1              LLKTRNTLEKILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 242 SP RS03655 WP 000613477.1               LLKTRNTLEKILAENSGQSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.   196
NTDB id 1113399 HMPREF9318 RS10240 WP 006738636.1  LLKTRNRLEKILADNSKRTLKQIHKDAERDYWMSAEETLTYGFIDEIMENNELK.   196
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1       LLKTRHRLEKILAQNAGKTIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.   196
NTDB id 445 SPYM3 RS01720 WP 002985850.1            LLKTRHRLEKILAQNAGKTIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.   196
NTDB id 376 SMU RS07595 WP 255262720.1              LLKTRKKLEKILSDNSGKTIKQIHKDAERDYWMDAKETLKYGFIDEIMENNELK.   204
NTDB id 1223 Cj0192c YP 002343650.1                 ILRLKTILNDILAKNTKQKVAKIAKDTERDFFMSAQEAKEYGLIDKVLEKSFK..   194
NTDB id 86 BSU 34540 NP 391334.1                    ILLLRDKLNKVLAERTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK   197
consensus                                           *!***  !***!********* ***!**!! ***! !***!!*!!***  **  **
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X non conserved
X similar
X $\geq$ 50% conserved