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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 20777 L RS11120 WP 010906318.1      MERTKKFILKKIQKIFLFVKICEKKCRQKELKAFTLIEMLIVLAIISILILLFVPNLIKEKSQVQKTGEAAVVKVVESQAQLYEL   85
NTDB id 588 KW2 RS10845 WP 051303741.1      ...........MSKALSLVKIHGRKLCQKKQKAFTLIEMLIVLAIISILILLFVPNLIKEKAQVQKTGEAAVVKVVESQAQLYEL   74
NTDB id 460 GPW51 RS00790 WP 011921720.1    ......................MKKLVEMKVKGFTLVEMLVVLGIISLLLLLFVPNLSQQKDAIQKKGDAAVVKVVESQMELYEL   63
NTDB id 502 SM12261 RS00955 WP 000738641.1  ..................MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLLLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSL   67
NTDB id 272 KZH43 RS09255 WP 000738626.1    ..................MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLFLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSL   67
NTDB id 231 SPD RS09885 WP 000738626.1      ..................MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLFLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSL   67
NTDB id 197 SPR RS09420 WP 000738626.1      ..................MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLFLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSL   67
NTDB id 162 SP RS10370 WP 000738627.1       ..................MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLFLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSL   67
NTDB id 530 SMSK321 RS09230 WP 000738643.1  ..................MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLLLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSL   67
NTDB id 431 SGO RS09410 WP 012130940.1      ......................MNKLKKLRVKAFTLVEMLVVLLIISVLMLLFVPNLTKQKEAVSDTGNAAVVKVVESQAELYEL   63
NTDB id 396 FSA28 RS09395 WP 002263437.1    ......................MKKIKRVSVRAFTLIEMLVVLLIISILLLLFVPNLTKQKDKVKDTGGSAVVKVVESQAELYEL   63
NTDB id 387 SMU RS09025 WP 002263437.1      ......................MKKIKRVSVRAFTLIEMLVVLLIISILLLLFVPNLTKQKDKVKDTGGSAVVKVVESQAELYEL   63
consensus                                                          **  *  *** ****!!!*!!!*!!*!!!*!*!!!!!!!***!******! *!!!!!!!!!**!! !
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 20777 L RS11120 WP 010906318.1      DHDDEKPSLSELLSAGMITQKQISAYDNYYDQNKNEERNFND   127
NTDB id 588 KW2 RS10845 WP 051303741.1      DHDNDKPNLSELLSAGMITQKQVTAYDDYYDQNKNEQRNFDD   116
NTDB id 460 GPW51 RS00790 WP 011921720.1    EHD.EEATVADLQAKGYITEKQAKQYATAKK..........    93
NTDB id 502 SM12261 RS00955 WP 000738641.1  DKN.EDASLSKLQADGRITEEQAKAYKEYHAKQNTSQTVAD.   107
NTDB id 272 KZH43 RS09255 WP 000738626.1    EKN.EDASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND   108
NTDB id 231 SPD RS09885 WP 000738626.1      EKN.EDASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND   108
NTDB id 197 SPR RS09420 WP 000738626.1      EKN.EDASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND   108
NTDB id 162 SP RS10370 WP 000738627.1       EKN.EDASLRKLQADGRITEEQAKAYKEYNDKNGGANRKVND   108
NTDB id 530 SMSK321 RS09230 WP 000738643.1  DKN.EDASLSKLQADGRITEEQAKAYNEYYAKNGGANRKVND   108
NTDB id 431 SGO RS09410 WP 012130940.1      KNTGDQATLSKLVAAGNISQKQADSYKAYYGKNNSETQAVAN   105
NTDB id 396 FSA28 RS09395 WP 002263437.1    NKT.DSATLSKLVASGDITQEQANSYKDYYAKHPSKTRHVAN   104
NTDB id 387 SMU RS09025 WP 002263437.1      NKT.DSATLSKLVASGDITQEQANSYKDYYAKHPSKTRHVAN   104
consensus                                   **  *******!** ! !***!***!***  **   ** * *
```

X non conserved

X similar

X $\geq$ 50% conserved