

logo

|                                                |                                                                                  |    |
|------------------------------------------------|----------------------------------------------------------------------------------|----|
| NTDB id 126452 NCD02118 RS11625 WP 012898622.1 | MERTKKFILKKIQQKIFLVKICEKKCRQKELRAFTLIEMLIVLAIISILLFLLFVPNLTKQKEAVNDKCAAAWKWVESQA | 80 |
| NTDB id 588 KW2 RS10845 WP 051303741.1         | .....MSKALSLVKIHGRKLCQKKQKAFTLIEMLIVLAIISILLFLLFVPNLTKQKAQVQKTGEAAVVKVVESQA      | 69 |
| NTDB id 460 GPW51 RS00790 WP 011921720.1       | .....MKKLVEMKVKCFTLVEMLVVLGIISILLFLLFVPNLSQQKDAIQKKGDAAVVKVVESQM                 | 58 |
| NTDB id 502 SM12261 RS00955 WP 000738641.1     | .....MKKMMTFLKKAQVKAFTLVEMLVLLIISVLLFLLFVPNLTKQKEAVNDKGAAVVKVVESQA               | 62 |
| NTDB id 272 KZH43 RS09255 WP 000738626.1       | .....MKKMMTFLKKAQVKAFTLVEMLVLLIISVLFLLFVPNLTKQKEAVNDKGAAVVKVVESQA                | 62 |
| NTDB id 231 SPD RS09885 WP 000738626.1         | .....MKKMMTFLKKAQVKAFTLVEMLVLLIISVLFLLFVPNLTKQKEAVNDKGAAVVKVVESQA                | 62 |
| NTDB id 197 SPR RS09420 WP 000738626.1         | .....MKKMMTFLKKAQVKAFTLVEMLVLLIISVLFLLFVPNLTKQKEAVNDKGAAVVKVVESQA                | 62 |
| NTDB id 162 SP RS10370 WP 000738627.1          | .....MKKMMTFLKKAQVKAFTLVEMLVLLIISVLFLLFVPNLTKQKEAVNDKGAAVVKVVESQA                | 62 |
| NTDB id 530 SMSK321 RS09230 WP 000738643.1     | .....MKKMMTFLKKAQVKAFTLVEMLVLLIISVLFLLFVPNLTKQKEAVNDKGAAVVKVVESQA                | 62 |
| NTDB id 431 SGO RS09410 WP 012130940.1         | .....MNKLLKRLVKAFTLVEMLVLLIISVLMFLLFVPNLTKQKEAVSDTGNAAVVKVVESQA                  | 58 |
| NTDB id 396 FSA28 RS09395 WP 002263437.1       | .....MKKIKRVSVRAFTLIEMLVLLIISILLFLLFVPNLTKQKDKVKDTGGSAAVVKVVESQA                 | 58 |
| NTDB id 387 SMU RS09025 WP 002263437.1         | .....MKKIKRVSVRAFTLIEMLVLLIISILLFLLFVPNLTKQKDKVKDTGGSAAVVKVVESQA                 | 58 |
| consensus                                      | *** * *** *****!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*          |    |

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|------------------------------------------------|-----------------------------------------------------------|-----|
| NTDB id 126452 NCD02118 RS11625 WP 012898622.1 | QLYELEHDDDEKPSLSEILLSAGMITQKQISAYDNYDQNKNEERNFND          | 127 |
| NTDB id 588 KW2 RS10845 WP 051303741.1         | QLYELEHDDNDKPNLSELLSAGMITQKQVTAYDDYYDQNKNEGRNFDD          | 116 |
| NTDB id 460 GPW51 RS00790 WP 011921720.1       | ELYELEHD.EEATVADLQAKGYITEKQAKQYATAKK.....                 | 93  |
| NTDB id 502 SM12261 RS00955 WP 000738641.1     | ELYSLDKN.EDASLSKLQADGRITEEQAKAYKEYHAKQNTSQTIVAD.          | 107 |
| NTDB id 272 KZH43 RS09255 WP 000738626.1       | ELYSLEKN.EDASLRKLQADGRITEEQAKAYKEYHDKNGGANRQVND           | 108 |
| NTDB id 231 SPD RS09885 WP 000738626.1         | ELYSLEKN.EDASLRKLQADGRITEEQAKAYKEYHDKNGGANRQVND           | 108 |
| NTDB id 197 SPR RS09420 WP 000738626.1         | ELYSLEKN.EDASLRKLQADGRITEEQAKAYKEYHDKNGGANRQVND           | 108 |
| NTDB id 162 SP RS10370 WP 000738627.1          | ELYSLEKN.EDASLRKLQADGRITEEQAKAYKEYNDKNGGANRQVND           | 108 |
| NTDB id 530 SMSK321 RS09230 WP 000738643.1     | ELYSLDKN.EDASLSKLQADGRITEEQAKAYNEYAKNGGANRQVND            | 108 |
| NTDB id 431 SGO RS09410 WP 012130940.1         | ELYELKNTGDDQATLSKLVAAGNISQKQADSYKAYYGKNNSSETQAVAN         | 105 |
| NTDB id 396 FSA28 RS09395 WP 002263437.1       | ELYELNKT.DSATLSKLVASGDITQEQANSYKDYAKHPSKTRHVAN            | 104 |
| NTDB id 387 SMU RS09025 WP 002263437.1         | ELYELNKT.DSATLSKLVASGDITQEQANSYKDYAKHPSKTRHVAN            | 104 |
| consensus                                      | *!! !* * *****!* * ! !*****!* * * * * * * * * * * * * * * |     |

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved