

|           |        |         |         |    |             |                                                                                                                              |    |
|-----------|--------|---------|---------|----|-------------|------------------------------------------------------------------------------------------------------------------------------|----|
| NTDB id   | 32     | MW      | RS07995 | WP | 000472256.1 | .....MFKFL..KKTQAFTLIEMLLVLLIISLLLILIIIPNIAKQTAHIQSTGCNAQVKMVNSQIEAYALKHNRNP                                                 | 68 |
| NTDB id   | 16     | SA      | RS07765 | WP | 000472256.1 | .....MFKFL..KKTQAFTLIEMLLVLLIISLLLILIIIPNIAKQTAHIQSTGCNAQVKMVNSQIEAYALKHNRNP                                                 | 68 |
| NTDB id   | 588    | KW2     | RS10845 | WP | 051303741.1 | MSKALSLV <del>V</del> IHGRLCQKKQKAFTLIEMLIVLAIIISILILLFVPNLIKEAKAVQKDTGEAAVVKVVSQAQLYELDHDNDK                                | 80 |
| NTDB id   | 400564 | GJS34   | RS00695 | WP | 014622142.1 | .....MKMLRSLTGGAQVAFTLIEMLLVLLIISVLMLFFVPNLISKQDKVDGTGNAAVVKLVENQAELYELSHG.EK                                                | 72 |
| NTDB id   | 460    | GPW51   | RS00790 | WP | 011921720.1 | .....MKKLVEVMVKVGFTLVEMLVVLVGIIISILLLFVPNLSQQKDIAIQKKGDAAAVVKVVSQMELYELHE.D.EE                                               | 68 |
| NTDB id   | 502    | SM12261 | RS00955 | WP | 000738641.1 | .....MKKMMTFLKKAKVKAFTLVEMLVLLIISVLLLFVPNLTKQKEAVNDKGKAAAVVKVVSQAELYSLDKN.ED                                                 | 72 |
| NTDB id   | 272    | KZH43   | RS09255 | WP | 000738626.1 | .....MKKMMTFLKKAKVKAFTLVEMLVLLIISVLLLFVPNLTKQKEAVNDKGKAAAVVKVVSQAELYSLDKN.ED                                                 | 72 |
| NTDB id   | 231    | SPD     | RS09885 | WP | 000738626.1 | .....MKKMMTFLKKAKVKAFTLVEMLVLLIISVLLLFVPNLTKQKEAVNDKGKAAAVVKVVSQAELYSLDKN.ED                                                 | 72 |
| NTDB id   | 197    | SPR     | RS09420 | WP | 000738626.1 | .....MKKMMTFLKKAKVKAFTLVEMLVLLIISVLLLFVPNLTKQKEAVNDKGKAAAVVKVVSQAELYSLDKN.ED                                                 | 72 |
| NTDB id   | 162    | SP      | RS10370 | WP | 000738627.1 | .....MKKMMTFLKKAKVKAFTLVEMLVLLIISVLLLFVPNLTKQKEAVNDKGKAAAVVKVVSQAELYSLDKN.ED                                                 | 72 |
| NTDB id   | 530    | SMSK321 | RS09230 | WP | 000738643.1 | .....MKKMMTFLKKAKVKAFTLVEMLVLLIISVLLLFVPNLTKQKEAVNDKGKAAAVVKVVSQAELYSLDKN.ED                                                 | 72 |
| NTDB id   | 431    | SGO     | RS09410 | WP | 012130940.1 | .....MNKLLKLLRVKAFTLVEMLVLLIISVLMMLFVPNLTKQKEAVSDTGNAAVVKVVSQAELYELKNTGDQ                                                    | 69 |
| NTDB id   | 396    | FSA28   | RS09395 | WP | 002263437.1 | .....MKKI <del>K</del> RVSVR <del>A</del> FTLIEMLVLLIISILLLLFVPNLTKQDKVKDGTGS <del>A</del> AVVKVVSQAELYELNK <del>T</del> .DS | 68 |
| NTDB id   | 387    | SMU     | RS09025 | WP | 002263437.1 | .....MKKI <del>K</del> RVSVR <del>A</del> FTLIEMLVLLIISILLLLFVPNLTKQDKVKDGTGS <del>A</del> AVVKVVSQAELYELNK <del>T</del> .DS | 68 |
| consensus |        |         |         |    |             | * * * * *                                                                                                                    | 68 |

|           |    |        |         |         |    |             |                                         |     |
|-----------|----|--------|---------|---------|----|-------------|-----------------------------------------|-----|
| NTDB      | id | 32     | MW      | RS07995 | WP | 000472256.1 | SSIEDLIADGFIKEAQKTKSGETITISN.GEAVAN     | 103 |
| NTDB      | id | 16     | SA      | RS07765 | WP | 000472256.1 | SSIEDLIADGFIKEAQKTKSGETITISN.GEAVAN     | 103 |
| NTDB      | id | 588    | KW2     | RS10845 | WP | 051303741.1 | PNLSELLEDLSACMITQKQVTAYDDYYDQNKNEQRNFDD | 116 |
| NTDB      | id | 400564 | GJS34   | RS00695 | WP | 014622142.1 | PSLKKQLLEDGSISSDKKKQKAYQDYAKHKDEAKKLN   | 107 |
| NTDB      | id | 460    | GPW51   | RS00790 | WP | 011921720.1 | ATVADLQAKGQITEKQAKQYATAKK.....          | 93  |
| NTDB      | id | 502    | SM12261 | RS00955 | WP | 000738641.1 | ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTIVAD.   | 107 |
| NTDB      | id | 272    | KZH43   | RS09255 | WP | 000738626.1 | ASLRKLQADGRITEEQAKAYKEYYHDKNGGANRKVND   | 108 |
| NTDB      | id | 231    | SPD     | RS09885 | WP | 000738626.1 | ASLRKLQADGRITEEQAKAYKEYYHDKNGGANRKVND   | 108 |
| NTDB      | id | 197    | SPR     | RS09420 | WP | 000738626.1 | ASLRKLQADGRITEEQAKAYKEYYHDKNGGANRKVND   | 108 |
| NTDB      | id | 162    | SP      | RS10370 | WP | 000738627.1 | ASLRKLQADGRITEEQAKAYKEYYHDKNGGANRKVND   | 108 |
| NTDB      | id | 530    | SMSK321 | RS09230 | WP | 000738643.1 | ASLSKLQADGRITEEQAKAYNEYAKNGGANRKVND     | 108 |
| NTDB      | id | 431    | SGO     | RS09410 | WP | 012130940.1 | ATLSKLVAAGNISQKKQADSYKAYYGNNSSETQAVAN   | 105 |
| NTDB      | id | 396    | FSA28   | RS09395 | WP | 002263437.1 | ATLSKLVASGDITQEQANSYKDYAKHPSKTRHVN      | 104 |
| NTDB      | id | 387    | SMU     | RS09025 | WP | 002263437.1 | ATLSKLVASGDITQEQANSYKDYAKHPSKTRHVN      | 104 |
| consensus |    |        |         |         |    |             | *** * ! **** ! ! **** ! **** * * *      |     |

- X non conserved
- X similar
- X > 50% conserved