

[illegible]

|                                              |                                        |     |
|----------------------------------------------|----------------------------------------|-----|
| NTDB id 32 MW RS07995 WP 000472256.1         | SSIEDLIADGFTKEAQKTKSGETITII.SNGEAVAN   | 103 |
| NTDB id 16 SA RS07765 WP 000472256.1         | SSIEDLIADGFTKEAQKTKSGETITII.SNGEAVAN   | 103 |
| NTDB id 588 KW2 RS10845 WP 051303741.1       | PNLSELLSAGMITQKVTAVDYDDYDQNKNEQRNFDD   | 116 |
| NTDB id 460 GPW51 RS00790 WP 011921720.1     | ATVADLQAKGYITEKQAKQYATAKK.....         | 93  |
| NTDB id 502 SM12261 RS00955 WP 000738641.1   | ASLSKLQADGRITEEQAKAYKEYHAKNTSQTVD.     | 107 |
| NTDB id 272 KZH43 RS09255 WP 000738626.1     | ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKYND   | 108 |
| NTDB id 231 SPD RS09885 WP 000738626.1       | ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKYND   | 108 |
| NTDB id 197 SPR RS09420 WP 000738626.1       | ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKYND   | 108 |
| NTDB id 162 SP RS10370 WP 000738627.1        | ASLRKLQADGRITEEQAKAYKEYNDKNGGANRKYND   | 108 |
| NTDB id 530 SMSK321 RS09230 WP 000738643.1   | ASLSKLQADGRITEEQAKAYNEYAKNGGANRKYND    | 108 |
| NTDB id 396 FSA28 RS09395 WP 002263437.1     | ATLSKLVAAGDITQEQANSYKDYAKHPSKTRHVN     | 104 |
| NTDB id 387 SMU RS09025 WP 002263437.1       | ATLSKLVAAGDITQEQANSYKDYAKHPSKTRHVN     | 104 |
| NTDB id 1139656 DQM63 RS10550 WP 002896769.1 | ASLSKLVSAGNISQKQADSYPKAYYGHSGETQAVAN   | 105 |
| NTDB id 431 SGO RS09410 WP 012130940.1       | ATLSKLVAAGNISQKQADSYPKAYYGHNSSETQAVAN  | 105 |
| consensus                                    | *** *! * *! ! * * * *! * * * * * * * * |     |

- non conserved
- similar
- $\geq 50\%$  conserved