

[illegible][illegible]

|                                              |             |                  |                       |     |
|----------------------------------------------|-------------|------------------|-----------------------|-----|
| NTDB id 602 KW2 RS03060 WP 011834647.1       | ILADNSNRSL  | EQIHKDAERDHWMDAK | ETLEYGFIDEIMENNSLK..  | 199 |
| NTDB id 611 V4T04 RS07970 WP 003129593.1     | ILADNSNRSL  | EQIHKDAERDHWMDAK | ETLEYGFIDEIMENNSLK..  | 199 |
| NTDB id 330 STU RS11365 WP 002949732.1       | ILADNSGQPI  | EKVHVDAERDNWMSAQ | ETLEYGFIDEIMTNNQLK..  | 196 |
| NTDB id 298 STER RS01925 WP 002949732.1      | ILADNSGQPI  | EKVHVDAERDNWMSAQ | ETLEYGFIDEIMTNNQLK..  | 196 |
| NTDB id 282 KZH43 RS03215 WP 000613477.1     | ILAE NSGQSM | EKVHADAERDNWMSAQ | ETLEYGFIDEIMANNSLN..  | 196 |
| NTDB id 246 SPD RS03495 WP 000613477.1       | ILAE NSGQSM | EKVHADAERDNWMSAQ | ETLEYGFIDEIMANNSLN..  | 196 |
| NTDB id 244 SPR RS03300 WP 000613477.1       | ILAE NSGQSM | EKVHADAERDNWMSAQ | ETLEYGFIDEIMANNSLN..  | 196 |
| NTDB id 242 SP RS03655 WP 000613477.1        | ILAE NSGQSM | EKVHADAERDNWMSAQ | ETLEYGFIDEIMANNSLN..  | 196 |
| NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1 | ILAAQNAKGT  | IKIHKDAERDYWMSAE | ETLAYGFIDEIMENNELK..  | 196 |
| NTDB id 445 SPYM3 RS01720 WP 002985850.1     | ILAAQNAKGT  | IKIHKDAERDYWMSAE | ETLAYGFIDEIMENNELK..  | 196 |
| NTDB id 376 SMU RS07595 WP 255262720.1       | ILSDNSGKTI  | IKIHKDAERDYWMDAK | ETLKYGFIDEIMENNELK..  | 204 |
| NTDB id 982989 NSQ60 RS16285 WP 024427684.1  | VLAERTGQPI  | EVIERDTRDRNFKTA  | EEALQYGLIDKVLTRNTEDQK | 198 |
| NTDB id 86 BSU 34540 NP 391334.1             | VLAERTGQPI  | EVIERDTRDRNFKSA  | EEALEYGLIDKILTHTEDKK. | 197 |
| NTDB id 1223 Cj0192c YP 002343650.1          | ILAKNTIKQKV | IAKDTERDFFMSAQ   | EAKKEYGLIDKVLKSFK..   | 194 |
| consensus                                    | *****       | *****            | *****                 |     |

 non conserved  
 similar  
  $\geq 50\%$  conserved