

[illegible][illegible]

|           |        |           |         |             |                                                |                                                   |     |
|-----------|--------|-----------|---------|-------------|------------------------------------------------|---------------------------------------------------|-----|
| NTDB id   | 602    | KW2       | RS03060 | WP          | 011834647.1                                    | ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK..     | 199 |
| NTDB id   | 611    | V4T04     | RS07970 | WP          | 003129593.1                                    | ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK..     | 199 |
| NTDB id   | 330    | STU       | RS11365 | WP          | 002949732.1                                    | ILADNSGQPPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK..    | 196 |
| NTDB id   | 298    | STER      | RS01925 | WP          | 002949732.1                                    | ILADNSGQPPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK..    | 196 |
| NTDB id   | 282    | KZH43     | RS03215 | WP          | 000613477.1                                    | ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN..   | 196 |
| NTDB id   | 246    | SPD       | RS03495 | WP          | 000613477.1                                    | ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN..   | 196 |
| NTDB id   | 244    | SPR       | RS03300 | WP          | 000613477.1                                    | ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN..   | 196 |
| NTDB id   | 242    | SP        | RS03655 | WP          | 000613477.1                                    | ILAENSQGSMSEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN..   | 196 |
| NTDB id   | 446    | SpyM6JRS4 | RS01695 | WP          | 002985850.1                                    | ILAAQNAGKTIKQIHKAERDYWSAEETLAYGFIDEIMENNELK..     | 196 |
| NTDB id   | 445    | SPYM3     | RS01720 | WP          | 002985850.1                                    | ILAAQNAGKTIKQIHKAERDYWSAEETLAYGFIDEIMENNELK..     | 196 |
| NTDB id   | 376    | SMU       | RS07595 | WP          | 255262720.1                                    | ILSDNSGKTIKQIHKAERDYWMDAKETLKYGFIDEIMENNELK..     | 204 |
| NTDB id   | 1223   | Cj0192c   | YP      | 002343650.1 | ILAKNTIKKKVAIAKDTERDFFMASQAQEAKEYGLIDKVLKSFK.. | 194                                               |     |
| NTDB id   | 217366 | BZ167     | RS12865 | WP          | 003151513.1                                    | VLAERTGGPLEVIERDTDRDNFKSADAEALEYGLIDKVLTRNTEDQK   | 198 |
| NTDB id   | 86     | BSU       | 34540   | NP          | 391334.1                                       | VLAERTGGPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.    | 197 |
| consensus |        |           |         |             |                                                | *!***** **!*!!**!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!* |     |

 non conserved  
 similar  
  $\geq 50\%$  conserved