

[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                                    | ILADNSGQPTEKVVHDAERDNWMSAQETLEYGFIDEIMTNQLK..    | 196 |
| NTDB id   | 298   | STER      | RS01925 | WP          | 002949732.1                                    | ILADNSGQPTEKVVHDAERDNWMSAQETLEYGFIDEIMTNQLK..    | 196 |
| NTDB id   | 282   | KZH43     | RS03215 | WP          | 000613477.1                                    | ILAENSQGSMSEKVVHADAEARNWMSAQETLEYGFIDEIMANNSLN.. | 196 |
| NTDB id   | 246   | SPD       | RS03495 | WP          | 000613477.1                                    | ILAENSQGSMSEKVVHADAEARNWMSAQETLEYGFIDEIMANNSLN.. | 196 |
| NTDB id   | 244   | SPR       | RS03300 | WP          | 000613477.1                                    | ILAENSQGSMSEKVVHADAEARNWMSAQETLEYGFIDEIMANNSLN.. | 196 |
| NTDB id   | 242   | SP        | RS03655 | WP          | 000613477.1                                    | ILAENSQGSMSEKVVHADAEARNWMSAQETLEYGFIDEIMANNSLN.. | 196 |
| NTDB id   | 446   | SpyM6JRS4 | RS01695 | WP          | 002985850.1                                    | ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK..  | 196 |
| NTDB id   | 445   | SPYM3     | RS01720 | WP          | 002985850.1                                    | ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK..  | 196 |
| NTDB id   | 376   | SMU       | RS07595 | WP          | 255262720.1                                    | ILSDNSGKTIKQIHKAERDYWMDAKETLKYGFIDEIMENNELK..    | 204 |
| NTDB id   | 1223  | Cj0192c   | YP      | 002343650.1 | ILAKNTIKQKVAKIAKDTERDFFMSAQEAKKEYGLIDKVLKSFK.. | 194                                              |     |
| NTDB id   | 23597 | TRNA      | RS39750 | WP          | 003185550.1                                    | ILAERTTGQPLEVIERDTDRDNFKTAEEAKEYGLIDKVLTRNIDAQK  | 198 |
| NTDB id   | 86    | BSU       | 34540   | NP          | 391334.1                                       | VLAERTTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.  | 197 |
| consensus |       |           |         |             |                                                | *!***** **!*!!**!!!***!! !****!!*!**** *         |     |

 non conserved  
 similar  
  $\geq 50\%$  conserved