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|---------------------------------------------|------------------------------------------------------------------------------------|-----|
| NTDB id 617 LCA RS06480 WP 011375001.1      | QGVVARLLDLGISELQLRACLTGTAYQSLVTKDDVVQA...HYELLTGSDYFSKKEGGCDV.....                 | 296 |
| NTDB id 586 KW2 RS10855 WP 011836048.1      | KGVVQRLLELGLSDWELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKTENLYANGHLTAIEAEREKISINQAS   | 315 |
| NTDB id 308023 DZ106 RS00660 WP 011284420.1 | SGVYVRILLELGVTKAELSNCLALIAQRLINGGALIDSTQNEFEYYSNNWNQQIDQLLEAGHLNPKQAKLEKII.....    | 312 |
| NTDB id 584 DLJ51 RS00890 WP 019777327.1    | PGVYARILELGVSDDELNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAAEKIKD....   | 315 |
| NTDB id 385 SMU RS09035 WP 002263435.1      | PGVYARMLELGTSSSEELQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEIEIED.... | 313 |
| NTDB id 394 FSA28 RS09405 WP 002291652.1    | PGVYARMLELGTSSSEELQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEIEIED.... | 313 |
| NTDB id 429 SGD RS09420 WP 012130942.1      | PGVYERLLELGVSEEEELKIVLQGCYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAAGHIHPEQAEAEKIRNQQAK   | 316 |
| NTDB id 500 SM12261 RS00945 WP 000249545.1  | RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLLKDGHITSLQAETEKISYS...  | 313 |
| NTDB id 270 KZH43 RS09265 WP 000249564.1    | RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQKWNQEQIDQLLLKDGHITSLQAETEKISYS... | 313 |
| NTDB id 229 SPD RS09895 WP 000249564.1      | RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQKWNQEQIDQLLLKDGHITSLQAETEKISYS... | 313 |
| NTDB id 195 SPR RS09430 WP 000249564.1      | RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQKWNQEQIDQLLLKDGHITSLQAETEKISYS... | 313 |
| NTDB id 160 SP RS10380 WP 000249564.1       | RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQKWNQEQIDQLLLKDGHITSLQAETEKISYS... | 313 |
| consensus                                   | !!*!*!!!!*****! !**!!*!***** *** * * ** * ** * ** * ** * ** * ** *                 |     |

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|---------------------------------------------|--------------|-----|
| NTDB id 617 LCA RS06480 WP 011375001.1      | TSYTTDGESEFE | 296 |
| NTDB id 586 KW2 RS10855 WP 011836048.1      | KIDTTDGESEFE | 326 |
| NTDB id 308023 DZ106 RS00660 WP 011284420.1 | .....        | 312 |
| NTDB id 584 DLJ51 RS00890 WP 019777327.1    | .....        | 315 |
| NTDB id 385 SMU RS09035 WP 002263435.1      | .....        | 313 |
| NTDB id 394 FSA28 RS09405 WP 002291652.1    | .....        | 313 |
| NTDB id 429 SGD RS09420 WP 012130942.1      | TSY.....     | 319 |
| NTDB id 500 SM12261 RS00945 WP 000249545.1  | .....        | 313 |
| NTDB id 270 KZH43 RS09265 WP 000249564.1    | .....        | 313 |
| NTDB id 229 SPD RS09895 WP 000249564.1      | .....        | 313 |
| NTDB id 195 SPR RS09430 WP 000249564.1      | .....        | 313 |
| NTDB id 160 SP RS10380 WP 000249564.1       | .....        | 313 |
| consensus                                   |              |     |

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved