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|-----------------------------------------------|------------------------------------------------------------------------------------|-----|
| NTDB id 1166147 AB3213 RS06665 WP 016265378.1 | QGVVARLLDLGISSELQIRACLTGIAYQSLVTKDDVVQAH...YELLTGSDYFSKKE.....GGCDV.....           | 296 |
| NTDB id 617 LCA RS06480 WP 011375001.1        | QGVVARLLDLGISSELQIRACLTGIAYQSLVTKDDVVQAH...YELLTGSDYFSKKE.....GGCDV.....           | 296 |
| NTDB id 586 KW2 RS10855 WP 011836048.1        | KGVVQRLLELGLSDWELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENTLIYANGHLTAIEAEREKISINQAS | 315 |
| NTDB id 584 DLJ51 RS00890 WP 019777327.1      | PGVYARLLELGVSDDELNDCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEKIKD....   | 315 |
| NTDB id 394 FSA28 RS09405 WP 002291652.1      | PGVYARMLELGTSSSEELQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEIEIED.... | 313 |
| NTDB id 385 SMU RS09035 WP 002263435.1        | PGVYARMLELGTSSSEELQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEIEIED.... | 313 |
| NTDB id 429 SGO RS09420 WP 012130942.1        | PGVYERLLELGVSEEEKIVLQGICYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAAGHIHPEQAEAEKIRNQAK     | 316 |
| NTDB id 500 SM12261 RS00945 WP 000249545.1    | RGVYERLLELGVSEELAVVLQGVCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLKDGHITSLQAETEKISYS...    | 313 |
| NTDB id 270 KZH43 RS09265 WP 000249564.1      | RGVYERLLELGVSEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...    | 313 |
| NTDB id 229 SPD RS09895 WP 000249564.1        | RGVYERLLELGVSEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...    | 313 |
| NTDB id 195 SPR RS09430 WP 000249564.1        | RGVYERLLELGVSEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...    | 313 |
| NTDB id 160 SP RS10380 WP 000249564.1         | RGVYERLLELGVSEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...    | 313 |
| consensus                                     | !!* !*!*!*!*!*!*!* !** !!*!***** **** * * **** ***** **** **                       |     |

logo

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|-----------------------------------------------|-------------|-----|
| NTDB id 1166147 AB3213 RS06665 WP 016265378.1 | .....       | 296 |
| NTDB id 617 LCA RS06480 WP 011375001.1        | .....       | 296 |
| NTDB id 586 KW2 RS10855 WP 011836048.1        | KIDTTDGESFE | 326 |
| NTDB id 584 DLJ51 RS00890 WP 019777327.1      | .....       | 315 |
| NTDB id 394 FSA28 RS09405 WP 002291652.1      | .....       | 313 |
| NTDB id 385 SMU RS09035 WP 002263435.1        | .....       | 313 |
| NTDB id 429 SGO 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