

logo

|                                               |                                                                                     |    |
|-----------------------------------------------|-------------------------------------------------------------------------------------|----|
| NTDB id 1045 HON27 RS16330 WP 168727019.1     | MAEQQPLVLLVDDDEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGGLDLVKHVSQNYPNPTPI  | 80 |
| NTDB id 1001201 ABFU23 RS05280 WP 042594919.1 | .MNETKSALVDDDERDIRELLVLTGLRGMGLRISTAAFLAEARELLASNPDYDLCLTDMRLPDGNGTIELVTEIARQYPQTPV | 79 |
| NTDB id 1473 PAKAF RS24000 WP 003094694.1     | ..MSRQKALIVDDEPDIRELLEITLGRMKLDRSARNVKEARELLAREPFDLCLTDMRLPDGSGGLDLVQYIQQRHPQTPV    | 78 |
| consensus                                     | *!*!!!!!!*!!!!*!*!!!!!!*!!**!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*      |    |

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|-----------------------------------------------|------------------------------------------------------------------------------------|-----|
| NTDB id 1045 HON27 RS16330 WP 168727019.1     | AVLTAYGNMDIAIAALKAGAFDFVSKPVDQVHLDDQLLQKALNRQKVHDT..TENALENKLTLGRSLPIQQLRIAIAIKKTA | 158 |
| NTDB id 1001201 ABFU23 RS05280 WP 042594919.1 | AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHAELENNRDRPAPPPPPPEQASRLLDSTAMESLRSTIGKVA    | 159 |
| NTDB id 1473 PAKAF RS24000 WP 003094694.1     | AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRRLRELVTALRLRNPEAEAE...PVDNRLLGESPPMRALRNQIGKLA     | 153 |
| consensus                                     | !!!!!!*!!!!*!*!!!!!!!!!!*!!!!!!*!!*!!*!!*!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!     |     |

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| NTDB id 1045 HON27 RS16330 WP 168727019.1     | RSQAPVYIVGESGIGKELVARLIHEQGRRSEGFIPVNCGAIPTELMESEFFGHKKGSFTGATQDKQGLFQAAHGGTLFL   | 238 |
| NTDB id 1001201 ABFU23 RS05280 WP 042594919.1 | RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGFLFQAAHGGTLFL | 239 |
| NTDB id 1473 PAKAF RS24000 WP 003094694.1     | RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVNVCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAAASGGTLFL  | 233 |
| consensus                                     | !!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!  |     |

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|-----------------------------------------------|-------------------------------------------------------------------------------------|-----|
| NTDB id 1045 HON27 RS16330 WP 168727019.1     | DEVAELPLMQVKLLRAIQEKSVRVPVSSQYVDVRLSATHKDLGLLVGRFRQDLYYRINVIELRVPPLRERREDY          | 318 |
| NTDB id 1001201 ABFU23 RS05280 WP 042594919.1 | DEVAELPLMQVKLLRAIQEKSVRVPVSGSETLVDVRLSATHKDLGLVSDGRFRHDLYYRINVIELRVPPLRERSGDL       | 319 |
| NTDB id 1473 PAKAF RS24000 WP 003094694.1     | DEVADLPYAMQVKLLRAIQEKAVRAVGGQVEAVDVRLCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI      | 313 |
| consensus                                     | !!!!!!*!!!!*!!!!!!*!!!!*!*!!!!*!!!!*!!!!*!!!!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!! |     |

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| NTDB id 1045 HON27 RS16330 WP 168727019.1     | PLLANRILQRLARSWGTPPPRQTALNQYFPGNVRELMLERAYTLSEDQISPTDLRLAPLRGNSSASAA              | 398 |
| NTDB id 1001201 ABFU23 RS05280 WP 042594919.1 | LQLAAFLAKTCGHELIKQALQYEDAKNQGQSEQYEDAKNQGQSEQYEDAKNQGQSEQYEDAKNQGQSEQYEDAKNQG     | 396 |
| NTDB id 1473 PAKAF RS24000 WP 003094694.1     | PLLAERIILKRLAGDTGLPAARLTGDAQEKLNRYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA | 390 |
| consensus                                     | **!!*****!*!*!!!!!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!   |     |

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|-----------------------------------------------|---------------------------------------------------------------------------------|-----|
| NTDB id 1045 HON27 RS16330 WP 168727019.1     | QSIQTTVAAPQAV..KKLPSECLERYLENIEKDILLNALNMTHWNRTLAACKLGMTFRSLRYRLKKFGLDTETETEVEV | 473 |
| NTDB id 1001201 ABFU23 RS05280 WP 042594919.1 | G..TAAVEPREAVVDIDPASSALPSYTEQLERAATQKALEENRWNNKTKTAAQLGITFRALRYLKKKLGME.....    | 464 |
| NTDB id 1473 PAKAF RS24000 WP 003094694.1     | S.....L.....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAARLGLTFRSMRYRLKKLGLD.....           | 445 |
| consensus                                     | ***!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!   |     |

 non conserved  
 similar  
 ≥ 50% conserved