





logo

|   |  |     |
|---|--|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1     | TFDQALYQLVYVDDKISEQDALHSADSANDLRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....         | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1           | TFDQALYNLYVYQGETIYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.... | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1       | TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLS.EEANKPLDNRERMSEMER.....KMTFDGQRRNLK....  | 383 |
| NTDB id 1307 DR RS10055 WP 010888596.1          | TMDAYLAGLFRRHLLITYDKGLERAIIDPKEFARLANDASAGLGG....ASMPAAPPVPAYNSASSSSTGRGGDFRGA | 394 |
| NTDB id 1086 NMV RS00245 WP 002218487.1         | TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....  | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1        | TMDQSLQSLVRQGLIAPEARRRAQNSESMSF.....   | 347 |
| NTDB id 1146678 VCBK1071 RS12005 WP 000350196.1 | TMEQNAKQLMARGVVDQAEVQSKIELDLKAF.....   | 345 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1       | TMEQNAKQLIARGVVDQAEVQSKIELDLKAF.....   | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1     | TMEQNAKQLIARGVVDQAEVQSKIELDLKAF.....   | 345 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1      | TLDQHLTELVNKNITISKHTAHEAALNK.SLF.....  | 344 |
| NTDB id 1259 GC085 RS10305 WP 010947729.1       | TLDQHLTELVNKNITISKHTAHEAALNK.SLF.....  | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1           | TLDSCCLKGLLAKGLISRDSAKEKAKQP.ENF.....  | 344 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1       | TLDMCLKGLVAKGLISRENAREKAKIP.ENF.....   | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1       | TLDQSLKQLLAKGIINLPTARAVAKSP.ESF.....   | 344 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1        | TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....  | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1       | TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....  | 345 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1       | TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....  | 345 |
| consensus                                       | !*** * !* **** * *   |     |



logo

|   |                         |     |
|---|-------------------------|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1     | .....                   | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1           | .....                   | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1       | .....                   | 383 |
| NTDB id 1307 DR RS10055 WP 010888596.1          | APATPAAPAAGRSEPGRAGGFRR | 418 |
| NTDB id 1086 NMV RS00245 WP 002218487.1         | .....                   | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1        | .....                   | 347 |
| NTDB id 1146678 VCBK1071 RS12005 WP 000350196.1 | .....                   | 345 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1       | .....                   | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1     | .....                   | 345 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1      | .....                   | 344 |
| NTDB id 1259 GC085 RS10305 WP 010947729.1       | .....                   | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1           | .....                   | 344 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1       | .....                   | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1       | .....                   | 344 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1        | .....                   | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1       | .....                   | 345 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1       | .....                   | 345 |
| consensus                                       | .....                   |     |

APATPAAPAAGRSEPGRAGGFRR

non conserved  
 similar  
 ≥ 50% conserved