





logo

|   |  |     |
|---|--|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | QTFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVK...IDME.....               | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLT...LEMSDDDPGRSFR.....     | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | QTFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLSEEANKPLDNRRERMSEME...RKMTFDGQRRNLK.....     | 383 |
| NTDB id 99736 QMN23 RS10400 WP 281999247.1  | QTMNQSLSLQLKRLIALDVMGRSPDPDELKQMLSSG...VRP...QQRPPMR.....                        | 364 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | VTMDAYLAGLFRRHLYTYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAVNSASSSSTGRGGDFGRGAAAPAT | 398 |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | QTMDDQLQSLVRQGLIAPEVARRRAQNSSESMSF.....  | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | QTMDDQLQSLVRQGLIAPEAARRRAQNSSESMSF.....  | 347 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1   | QTMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....  | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | QTMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....  | 345 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1  | QTLDQHLTELNVNKNIIISKHTAHEAALNK.SLF.....  | 344 |
| NTDB id 1259 GCO85 RS10305 WP 010947729.1   | QTLDQHLTELNVNKNIIISKHTAHEAALNK.SLF.....  | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1       | QTLDSCLKGLLAKGLISRDSAKEKAKQP.ENF.....  | 344 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1   | QTLDMCLKGLVAKGLISRARENAREKAKIP.ENF.....  | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1   | TTLDQSLKQLLAKGIINLPTARAVAKSP.ESF.....  | 344 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | TTLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....   | 345 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | TTLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....   | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | TTLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....   | 345 |
| consensus                                   | *!*** * !* ***** * * * *   |     |

logo

|   |                     |     |
|---|---------------------|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | PAAPAAGRSEPRACCFGRR | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....               | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....               | 383 |
| NTDB id 99736 QMN23 RS10400 WP 281999247.1  | .....               | 364 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | PAAPAAGRSEPRAGGFGRR | 418 |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | .....               | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | .....               | 347 |
| 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 GCO85 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 1081 FDQ49 RS05335 WP 006581387.1   | .....               | 345 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | .....               | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | .....               | 345 |
| consensus                                   |                     |     |

- X non conserved
- X similar
- X ≥ 50% conserved