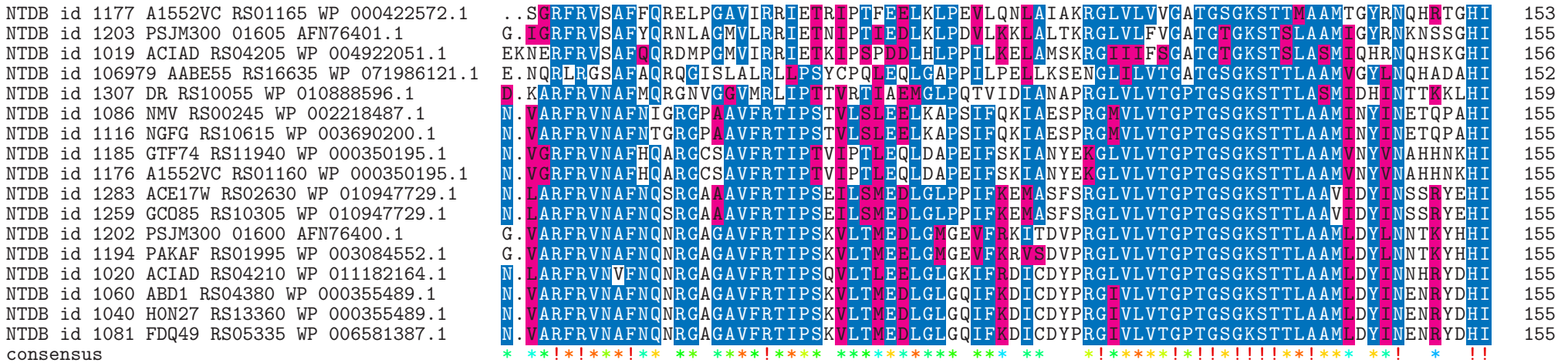


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|--|--|---|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1  | TFDQALYQLVDDDKTSEQDALHSA                   | DSANDLRLMLKTKR.GDDY...GSGSLQNVKI.....DME..... | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1        | TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG      | S.ETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....      | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1    | TFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLSE      | .EANKPLDNRERMSEMER.....KMTFDGQRRNLK....       | 383 |
| NTDB id 106979 AABE55 RS16635 WP 071986121.1 | TFQQSYQQRVGEGR                             | .....   | 326 |
| NTDB id 1307 DR RS10055 WP 010888596.1       | TMDAYLAGLFRHLITTDKGLERAIDPKEFARLANDASAGLGG | ....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA          | 394 |
| NTDB id 1086 NMV RS00245 WP 002218487.1      | TMDQSLQSLVRQCLIAPEVARRRAQNSESMSF           | .....   | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1     | TMDQSLQSLVRQCLIAPEAARRRAQNSESMSF           | .....   | 347 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1    | TMEQNAKQLIARCVVDAQEVQSKIELDLKAF            | .....   | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1  | TMEQNAKQLIARCVVDAQEVQSKIELDLKAF            | .....   | 345 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1   | TLDQHLTELVNKNIISKHTAHEAALNK.SLF            | .....   | 344 |
| NTDB id 1259 GCO85 RS10305 WP 010947729.1    | TLDQHLTELVNKNIISKHTAHEAALNK.SLF            | .....   | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1        | TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF            | .....   | 344 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1    | TLDQSLKGLIAKGLISRRENAREKAKIP.ENF           | .....   | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1    | TLDQSLKGLIAKGLINLPTARAVAKSP.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                                    | !*** * * * **** * * *                      |   |     |

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| NTDB id 1177 A1552VC RS01165 WP 000422572.1  | APATPAAPAAAGRSEPGRAGGFGR | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1        | .....                    | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1    | .....                    | 383 |
| NTDB id 106979 AABE55 RS16635 WP 071986121.1 | .....                    | 326 |
| NTDB id 1307 DR RS10055 WP 010888596.1       | APATPAAPAAAGRSEPGRAGGFGR | 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 |
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| 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                                    |                          |     |

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