```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 613 LCA RS05340 WP 231952379.1       MMWQDYWQRYRRFWWVPCLVLLGIIAGGFYWHQSQQKQKVTQNEQLLATSASKTKPATKKTHQAATKKKGGFVDIKGAVV   80
NTDB id 1041 HON27 RS14740 WP 005124713.1    .......MQYSMRFWKNKYFLLIMLCLGVISPS.................................................   26
NTDB id 1069 ABD1 RS03060 WP 043960841.1     .......MQYSMRFWKNKYFVLIMLCLGVISPS.................................................   26
NTDB id 390130 FSC09 RS11965 WP 228722415.1  ......................................................................................    0
NTDB id 1014 ACIAD RS13855 WP 004924483.1    ....MSIRHFFTFFWATLLTL.......FSMQI..................................................   22
consensus                                              *   **     ** **  *
```

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 613 LCA RS05340 WP 231952379.1       YPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQEQASTG  160
NTDB id 1041 HON27 RS14740 WP 005124713.1    ................................VCAQSFDQNFQ.......EWKAKQQMYDQKLNITKS....SHSNGSK   62
NTDB id 1069 ABD1 RS03060 WP 043960841.1     ................................VCAQSFDQNFQ.......EWKVKQQMYDQKLNISKS....SHSNSSK   62
NTDB id 390130 FSC09 RS11965 WP 228722415.1  ................................MQAENYDARYL.......QWKAEQEAIDARLSPSAS....TKTSQPR   36
NTDB id 1014 ACIAD RS13855 WP 004924483.1    ................................VFAQGFDQQYD.......AWKTQQKAHDTRLNSSAS....HHSLSKP   58
consensus                                                                     * !* *****         ***  ! * * ***** *     *** ***
```

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 613 LCA RS05340 WP 231952379.1       TSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN  235
NTDB id 1041 HON27 RS14740 WP 005124713.1    ISQTKNFNDSTGQIHLNQANVNEFQQLKGVGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL.  136
NTDB id 1069 ABD1 RS03060 WP 043960841.1     ISQTKNFNDSTGQIHLNQANVNEFQQLKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL.  136
NTDB id 390130 FSC09 RS11965 WP 228722415.1  S....ASAGSSEKINLNMATAAQLQQLSGVGQKKAEAIIEYRNRHGKFKRIEDLQLVKGIGPALLAKNRHRLGI.  106
NTDB id 1014 ACIAD RS13855 WP 004924483.1    T....QQSGIGVKVNINSATAKELQQLHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI.  128
consensus                                    **   *   ***** *!*!   **!*! !*!*!!! *!**!!***!*!****** !*!!!!**********
```

X non conserved

X similar

X ≥ 50% conserved