```
logo

NTDB id 1161 ABDM36 RS11380 WP 000340098.1      MDASIEKRPRTRLSPQKRKLQLMEIALEVFAKRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNFVVRQYSNFL    80
NTDB id 1147 A1552VC RS01790 WP 000340098.1     MDASIEKRPRTRLSPQKRKLQLMEIALEVFAKRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNFVVRQYSNFL    80
NTDB id 1049548 ACEUKD RS12215 WP 031780576.1   .MDSIAKRPRTRLSPIKRKQQLMEIALEVFARRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDEVLNHVVRQFSNFL    79
NTDB id 1291 VP RS12200 WP 005479697.1          .MDSIAKRPRTRLSPLKRKQQLMEIALEVFARRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDEVLNHVVRQFSNFL    79
consensus                                       *  !! !!!!!!!!!*!!! !!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!!*!!!!

logo

NTDB id 1161 ABDM36 RS11380 WP 000340098.1      TDHIDLDLDVKTNLQTLCKEMVKLAMTDCHWLKVWFEWSASTRDEVWPLFVSTNRTNQLLIRNMFMKAMERGELCEKHDV   160
NTDB id 1147 A1552VC RS01790 WP 000340098.1     TDHIDLDLDVKTNLQTLCKEMVKLAMTDCHWLKVWFEWSASTRDEVWPLFVSTNRTNQLLIRNMFMKAMERGELCEKHDV   160
NTDB id 1049548 ACEUKD RS12215 WP 031780576.1   SDNIDLDLHARENIANITNAMIELVSQDCHWLKVWFEWSASTRDEVWPLFVSTNRTNQLLVQNMFIKAIERGEVCDQHDS   159
NTDB id 1291 VP RS12200 WP 005479697.1          SDNIDLDIHARENIANITNAMIELVSQDCHWLKVWFEWSASTRDEVWPLFVSTNRTNQLLVQNMFIKAIERGEVCDQHDS   159
consensus                                       *!*!!!!** * !*  **  !* !   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!*!!*!!!!*!* !!

logo

NTDB id 1161 ABDM36 RS11380 WP 000340098.1      DNMASLFHGIFYSIFLQVNRLGEQEAVYKLADSYLNMLCIYKN..   203
NTDB id 1147 A1552VC RS01790 WP 000340098.1     DNMASLFHGIFYSIFLQVNRLGEQEAVYKLADSYLNMLCIYKN..   203
NTDB id 1049548 ACEUKD RS12215 WP 031780576.1   EHLANLFHGICYSLFVQANRAKSEAELKHLVSSYLDMLCIYNREH   204
NTDB id 1291 VP RS12200 WP 005479697.1          EHLANLFHGICYSLFVQANRFKGEAELKELVSAYLDMLCIYNREH   204
consensus                                       ***! !!!!!*!!*!*! !!* *   * *!  *!! !!!!!  **
```

X non conserved

X similar

X $\geq$ 50% conserved