```
logo

NTDB id 1161 ABDM36 RS11380 WP 000340098.1     MDASIEKRPRTRLSPQKRKLQLMEIALEVFAKRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNFVVRQYSNFL   80
NTDB id 1147 A1552VC RS01790 WP 000340098.1    MDASIEKRPRTRLSPQKRKLQLMEIALEVFAKRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNFVVRQYSNFL   80
NTDB id 186755 VSVS12 RS03340 WP 009385704.1  .MDSIAKRPRTRLSPKKRKQQLMDISLDVFARRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNYVVRQFSNFL   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 186755 VSVS12 RS03340 WP 009385704.1  SDNIDLDLHAKQNLANLTSEMVNLIAEDCHWLKVWFEWSASTRDEVWPLFVSTNRTNQLLVQNMFIKAMERGEVCNDHDP  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 186755 VSVS12 RS03340 WP 009385704.1  ADLATLFHGICYSLFVQANRHTDEQAMLKLADSYLNMLCIYKEDQ  204
NTDB id 1291 VP RS12200 WP 005479697.1        EHLANLFHGICYSLFVQANRFKGEAELKELVSAYLDMLCIYNREH  204
consensus                                      ***!*!!!!!*!!*!*! !!*** *****!***!!*!!!!!***
```

X non conserved

X similar

X $\geq$ 50% conserved