```
logo

NTDB id 1161 ABDM36 RS11380 WP 000340098.1   MDASIEKRPRTRLSPQKRKLQLMEIALEVFAKRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNFVVRQYSNFL   80
NTDB id 1147 A1552VC RS01790 WP 000340098.1  MDASIEKRPRTRLSPQKRKLQLMEIALEVFAKRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLNFVVRQYSNFL   80
NTDB id 332388 DYL72 RS10410 WP 017043694.1 METSIEKRPRTRLSPQKRKLQLMEIALEVFATRGIGRGGHADIAEIAQVSVATVFNYFPTREDLVDDVLTHVVRQFSNFL   80
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 332388 DYL72 RS10410 WP 017043694.1 ADNIDLDLHAKDNLTNITTKMISLVIEDCHWLKVWFEWSASTREEVWPLFVSTNRTNQLLVQNMFIKAIERGEVCDQHEP   160
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 332388 DYL72 RS10410 WP 017043694.1 EHLATLFLGIFYSLFVQANRIQDEASMGVLVKSYLSMLCIYKKDH   205
NTDB id 1291 VP RS12200 WP 005479697.1      EHLANLFHGICYSLFVQANRFKGEAELKELVSAYLDMLCIYNREH   204
consensus                                   ***!*!!*!!*!!*!*! !!***  ****! **!!*!!!!!****
```

X non conserved

X similar

X $\geq$ 50% conserved