```
logo

NTDB id 55002 OCU38 RS04975 WP 261823996.1   ....MSAETQTKTLPDGPDWTFSLLEEYHQQIKRVAKHYRLDTYPNQIEVITAEQMMDAYSSIGMPINYHHWSFGKKFIQ   76
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    **** !    !  !*!!!!!!! !!* !*  ! !!!!*!!!!!!!*!!!!!! !!!!!!!!!*!!!!!! !!!!!!!!!

logo

NTDB id 55002 OCU38 RS04975 WP 261823996.1   TEQNYKHGQMGLAYEIVINSDPCIAYLMEENTVTMQALVMAHASYGHNSFFKGNYLFKTWTDANSIIDYLIFARNYISQC   156
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!  !!!!! !!!!!!!!!! !!!!!!!!!!!*!!!!!!!!!!*!!!!!!!! !!!!**!!!! !!*!!!!!!! !!* !

logo

NTDB id 55002 OCU38 RS04975 WP 261823996.1   EEKHGVDEVENLLDSCHALMNYGVDRYKRPEKISIAEETIRQQEREQYLQSQVNELWRTVPQNSEH.ASSQKKRFPAEPQ   235
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !!**!!!!!! !!!!!!!!!!!!!!!!!!! !!!* !!  !!  !! !!!!!!! !!!!*!   !**     *!*! !!!

logo

NTDB id 55002 OCU38 RS04975 WP 261823996.1   ENILYFIEKHAPLLESWQREIVRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGVVSDKFMLEFLHSHTSVVA   315
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!*!!!!!!!!!!!*!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved