```
logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  ........MRKKPLSTGAEWTFELIQAYDREIARIAKSFNLDTYPNQIEIITAEQMMDAYSSVGMPIGYHHWSFGKHFVS   72
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    ********    *!! !**!!!*!*  !  !! !*!! * !!!!!*!!!*!! !!!!!!!!!!!!! ! !!!!!!*!*

logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  VEKSYKRGQMGLAYELVINSNPCISYLMEENTMAMQALVIAHACYGHNSFFKNNYLFKMWTSADAIIDYLVFAKKYISDC  152
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC  160
consensus                                     !* !!*!! !!!!!*!!!!!!!! !!!!!!!* !!!!!*!!!!!!!!!!!!!!!!!* !! !  !*!!!*!!*!!!**!

logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  EERYGIDAVEPVLDACHALMNYGVDRYKHPTPLSIQEEKIRQQNREIYMQSQVNELWRTIPFSKQIDKNGQKKRFPEEPQ  232
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ  240
consensus                                    !!!!!*! !!**!! !!!!!!!!!!!!!*! **!*!!!! !!  !! !*!!!!! !!!!*!        *  *!*! !!!

logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  ENILYFIEKNAPLLEPWQREIVRIVRKLAQYFYPQGQTKVMNEGWACFWHYTILHALYDEGLVTDEFMLEILQSHTNVIM  312
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF  320
consensus                                    !!*!!!*!!!!!!!!*!!!!!*!!!!!* !!!!!! !! !!!!!!*!!!!!!!**!!!!! !!* !!!! !*!!!!!*

logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  QPAYNSPYYNGINPYTLGYHMMQDIKRICENPTDEDKKWFPYLANTDWLTSLDTAMRNYKDESFIAQYLSPKLIRDLKLF  392
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF  400
consensus                                    !!*!!!!*! !!!!! !!**! !!!!!!!  !!*!!! !!! *! *!!! *!* !!! *!!!!!! !*!!!!**!! * !

logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  HIVDDDRNSELYINAIHDEWGYQQIREALSRQYNLGYLEPDIQVYSVDLQGDRSLTLRYSQQNRVPLGSSTNEVLKHLHY  472
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR  480
consensus                                    ***!!!!*  ! ! !!! ! !!  !!  !! !!!!  !!! !!** !!! !!!!!!!!! **!! !!     !!!!!*!

logo
NTDB id 108641 A9F01 RS14160 WP 010948499.1  LWQFPVILQAVDGENKITEEFSCPPLNKNKTAETN  507
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL.....  510
consensus                                    !! !*!*!     *  !     !!!   ! *****
```

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