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logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  MDTALNTRLAALTLPEDQYLDQDQEILDVFIEELEEVFSALERLIQAWHTTPDDQALLQEICRHFNNLKGTGRMVGANAS   80
NTDB id 1046 HON27 RS03130 WP 168726941.1    MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSE.NIATLTEIRRHFHTLKGSGRMIGAKSS   79
consensus                                    !   ! !   !*!!!!! ! *!! ! !**!!!!*!!*!  ! *!!* !* ***  ! ! !!*!!!* !!!*!!!*!!  !

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  SEIAWMVEETLTRILNSILPTTLPIQQYVAQVYRLYQDELIEDFKQRQPHRVDLRPYAFIGSQLQLNLEIEPALMTLLMR  160
NTDB id 1046 HON27 RS03130 WP 168726941.1    AELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQQSLEPALEELLQL  159
consensus                                     !*!! !!*!! !**!  !* !**!! !!  !** !  !** !!!* *! *! !!   *! !!! *  *!!!!  !!

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  ASQT......ADELEL..............APTNSVKLNESIVIFLEEISVYVADIHHFLANSAPSDDDFNRLLRALHTI  220
NTDB id 1046 HON27 RS03130 WP 168726941.1    SHTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTL  239
consensus                                     *  ******* !!* ***************   * ! !** *!*!!   **! !!*!! *     ! *! !*!!!!!*

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  RGSSSMACIDAIFDASTALESTIKQRLLQHGALLSTEQALLGQYLEFITQAVHNIQHGLEAKTLQPLLNIFLDQYQLYQH  300
NTDB id 1046 HON27 RS03130 WP 168726941.1    RGSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLLQEYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVE  319
consensus                                    !!!! !!*** !!*!!! *!*  !  !  *   *! !  !!  ! !!*   ** * *      ! * !  !   *  ! *

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  QLESTAAHELQLNGGVVAALLALEIDDLLDAEFEFQDRIRHQSVDYIVILQEQAASLYAATDTDRTRVLHIFTQHLQSVY  380
NTDB id 1046 HON27 RS03130 WP 168726941.1    QHG.DRTDPLMPSHGLVSQLLQLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESY  398
consensus                                    !* *   **! * *!*!  !! !** *!!!!! *!   !!*  *!!*  ! !!!  !  *!**     !! *! *!   !

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  QELIGITSSDFPQSLYDAFQPVHTAFVGLFDSLAAAQHISSFTPYQVLFDQLNRE...............IKPFKPLDLE  445
NTDB id 1046 HON27 RS03130 WP 168726941.1    EVLLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSILEELKLYTQYTPDISNDLPQQDSTSFEPIYNI  478
consensus                                     !*  *    *  *** *!* !   * !!! !!!*!**    **! * * !   ***************  *! !*

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  EFASQSVTT..QHSDISTDSVLNLDMRLMSYLAEDRQLVLA..QPLQVDDSLLEIFLEESEELLAGVETELTLWAEAPNN  521
NTDB id 1046 HON27 RS03130 WP 168726941.1    EPEPEVVATVENFSDSADWAVL......GQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQEN  552
consensus                                    !* *  ! !****!!     !!******   *  !!! *  ** * * !  !!*!!!!! !!!! !**!*! *!   * !
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logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   LDILQHLIRFLHTLKGGANMVQLNQIGLIAHELESIYQRLIYQQLDVSFELIKIIRIVHDDLAERIQNLYQHAVEFPVSH   601
NTDB id 1046 HON27 RS03130 WP 168726941.1     FAALNNLMRYLHTLKGGANMVQATYLGLIAHELESIYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREGQLDYAAPY   632
consensus                                       !**!*!*!!!!!!!!!!!!    *!!!!!!!!!!!! !!!  !! !* *!!  !!*!*!!!!*!*! *  * **** **

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   VLDVLQHIE...DWLPTA...........FSEADFTQNQVIKQAGLKLND.......................QMSL.GEV   644
NTDB id 1046 HON27 RS03130 WP 168726941.1     TINALKRAGQNSNFQPLPVVEAFDAESEVFSEQKVISEIIDEIPVELEPALAELETHHDQVFDTAVTELATPVEMITTV   712
consensus                                      *  ! *  *** * ! ************!!!       *!   ** ! ************************* **  !

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   LAFNSVPAAPETFPQTLVEKMFVDEAQDLLSQAELNLQQWIKERHQRHLLLELQRIFHRLTRSARLLELKYVMDITTRLE   724
NTDB id 1046 HON27 RS03130 WP 168726941.1     TSQENEVAANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQLQRAVHSLKGGARMVGLEAVQAIAYQLE   792
consensus                                          *!!*!  *  *!!  !**!! *!!  !! ! !!   !**!**!! !!!  ! !   !!** ! ! !   !!

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   ITFERMNLHNSKTSSYDPLLLNAVQWLRLAIFDTRYDHYHELKHQLEQLELTQPLFPVQFEQIAASLS...ESGAVSPGD   801
NTDB id 1046 HON27 RS03130 WP 168726941.1     NAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGD   872
consensus                                       !!   !!*  *  !! !!  !* !!* !!! * ! !** ! * !!**    *  ***     ! ! ****     *!!

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   GTEPPSMHGEWDTSIAVDESNEMIRVSADLIDKMIDQSGENAINRSRIQMDIAQVDTVLGEMELAIQRLSRQLKHLDRVL   881
NTDB id 1046 HON27 RS03130 WP 168726941.1     GTEPPPMMGAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGEL   952
consensus                                     !!!!!*!*! !* *  *!  !!!!!!!!!!!*!!!! !!!! !!!!!! !!* !  * ! !!!!!!!!!  !!****  !

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   DTQSLQQLSGEH.....TATLEPEQYSNFYHLSKSLAESASDLLDFRTSLTEKIRDTESLLLQQSRIQADLQENLIRTRL   956
NTDB id 1046 HON27 RS03130 WP 168726941.1     ETQIIAKHGIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESLLLQQSRIQAEIQEGLMRTRL  1032
consensus                                     *!! *  *  !!*****  *!!**!!!   *!!!!!!!!!!!!*!!* *!**!!!!!!!!!!!!!!!!!!**!! !*!!!!

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1   VPFSHLLPRLQRTVRQTALALNRPTQLLVHNTEGELDRSILERLVVPLEHMLRNAIDHGIEDQQTRLSQGKPSIGTIELS  1036
NTDB id 1046 HON27 RS03130 WP 168726941.1     VPFSRLLPRLQRIVRQTSTALNRPAELFVNNTEGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELN  1112
consensus                                     !!!!*!!!!!!! !!!!  !!!!!  ! !*!!!!!!!! !!!!!! !!!!!!!!!!!!!!*!!   !    !!  ! !!!
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logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  IRRHGTDVVLQLKDDGRGMDSNAIANKAQQLGYLDHFHTLDDDQIFQYIFYPGFSTASAITHISGRGVGLDIVHNEIKAL  1116
NTDB id 1046 HON27 RS03130 WP 168726941.1    IQRQGTDVVVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSL  1192
consensus                                    ! !*!!!!!*   !!! !*!   * *!!   ! *   * !*   ! ! !!*!! !!!   *!*!!!!!!!!!*!* *!! !

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  GGKITVTAQPGMGTTFSLRVPTTVAVSDALMVKVLDQQYALPLGKIERIVRLSPLILEQYFNSQQDRFELDNTRYKLRYL  1196
NTDB id 1046 HON27 RS03130 WP 168726941.1    GGHVSVESVYGQGTTFTIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYL  1272
consensus                                    !!***!   *! !!!!**!!!!!!!!!!!!!!!! !!!*!*!!* !*!!*!*!!  !!!!! !*!* !! *! !!*!!!!

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  GEFVSNVVEPDWSTITGELEVLLIHSSTGPQVALLVDQVVGSRGQIVVKPIGQQFSQVKVVAGASILGDGQVCLILDPIT  1276
NTDB id 1046 HON27 RS03130 WP 168726941.1    SEFVGNQPIPRLNGVMYSLPVLMIKANNGQTVALLVDQLIGSRAQIVVKPIGQQFSSIGAIAGATILGDGQVCLILDGQN  1352
consensus                                     !!! ! * !    *   !*!!*!*   !* !!!!!!!**!!!*!!!!!!!!!!!! *  *!!!*!!!!!!!!!!!!*

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  IAEQVDQQPRQYRHDT.DHERAIREERAMIMVVDDSVTVRKVTSRLLERQGYDVVTAKDGQDALEKLEHIRPDVILLDVE  1355
NTDB id 1046 HON27 RS03130 WP 168726941.1    IARQIQSTQRHKQLSEAVYRQRESDERRLIMIVDDSVTVRKVTSRLLERQGYDVVTAKDGVDAIEQLENIKPDLMLLDIE  1432
consensus                                    !! !*   *!*  *  * *     *!! *!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!*! !!*!*!!**!!!*!

logo
NTDB id 193518 BEN76 RS09625 WP 076032953.1  MPRMDGFEFTRRLRQHNLLQALPIIMISSRTGEKYREMAQQLEVNDYLGKPFQEEQLLAKIQMLLMQATRQTVL  1429
NTDB id 1046 HON27 RS03130 WP 168726941.1    MPRMDGFEVLNLVRHHDMHQYMPIIMITSRTGEKHRERAFSLGVSQYMGKPFQEEELLENIDALLVAFESEVKS  1506
consensus                                    !!!!!!!!    *!*! **! *!!!!!*!!!!!!*!! !  ! !  !*!!!!!!! !!  !  !!*
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X non conserved

X similar

X $\geq$ 50% conserved