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logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  .....MQFKK..I..QMTVLSASLTVLMCSSVTQASDLQIYAMPTAGQKTLVMMVDVSGSMTSGTGVSGVNRIQALRNGL   71
NTDB id 1063 ABD1 RS15730 WP 000768961.1     MKLKLKNFKPNNLWYAVCSSSMIFTWLMTSSVVQASDLQIYASPTAGKKTIVMMLDTSGSMTSN..SYGENRLAMLKNGM   78
consensus                                    ***** *!!****** **   !    ! !!*!!! !!!!!!!!! !!!! !!*!!*! !!!!!! **   ! !!*   !*!!*

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  YDVLNSTDPKLENVVVGLGQFPLGSNSQSGKILVPAVKLGAPARNGQPESAQRQALRTAVRGLSANGGTPTSHGYTEAAS  151
NTDB id 1063 ABD1 RS15730 WP 000768961.1     NAFLASNNPVLNDTRVGLGNFSADGDSRSGQILVAAAPLGDASTLN.TMGSQRYKLKQAVASLTASGYTPSAHAYAEAAA  157
consensus                                       ! !  ! !    !!!!*!*    ! !! !!!*! *!! *    **   !!  !* !!  !*! ! !!* !*! !!!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  YLMGTRTDDSMVTLQKKTYYQKYRNEKNQKQCATYESGWSTLTYNSEIRFYKACEVWGTTNVSFSNSD..........YE  221
NTDB id 1063 ABD1 RS15730 WP 000768961.1     YLMGTTTLKNINLVDAPIYFSYVTYDRRG................RVITNYHACTEWNTEGTICNSWDSSSLSNPPVISG  221
consensus                                    !!!!! !   *  *  * !*     **  ***************  !  !*!!  ! !    *   !**********

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  FRRGNDNERRYYTI...KSNSEDVVVYSNSTYSGFNDSVEESKEITNGITHYKSPLPIPEKRVSCDGQGVYVLSDGEPNA  298
NTDB id 1063 ABD1 RS15730 WP 000768961.1     LQQASCTANIGWQLLSGTCYKKTGLITINNLDSGFNKSISGSKN..TDQSQYNSPLPAVANRQSCDGQGIYFLSDGEPNK  299
consensus                                       * *     * **** *     **  !   !!!! !*  !! **   **! !!!! *  ! !!!!!!*! !!!!!!!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  SSDENAELQMKVALAQPTTNVISNDFFCDVDSSTLTNPLTGGNTGGAWKCMGEFAKKLFSN.ANPAGVKIQTAFVGFGSS  377
NTDB id 1063 ABD1 RS15730 WP 000768961.1     TTDTRSASIMSTALG....STFGADFNCSGG.......LSNTTADSGWACMGEFAKRLFDKTKNPAGVSIQTAFVGFGSD  368
consensus                                    **!       !  !!*****     !! !   *******!*      *! !!!!!!!*!!  * !!!!! !!!!!!!!!!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  FNNLNSTASNGNDIRNACKLGSRTKGDSCSYYQADGLTVNPVSYKNHIGGYGNGGFYTGNAAADVTTSVLNFIDNLGTDP  457
NTDB id 1063 ABD1 RS15730 WP 000768961.1     FSSLSS.....SDVKNACRLSSRTQFDRGGD...DLCSPNQTTNAITAPGYGNGGFFSTQSAQGVTDSVIAFINNLDKVP  440
consensus                                    !  ! !***** !**!!!*! !!!  ! *  ***! ***!* *   * *!!!!!!!** * !  !! !!* !! !!   !

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  LEPLPTGALSVPYDSLNPNGLQNLGYLRMLEPNPAQPSLLTWAGNLKKYTMKDGVL......VDGTTNVFDTTGNFNTNT  531
NTDB id 1063 ABD1 RS15730 WP 000768961.1     LEPLTTGAISVPYDALNPKNLQEYGYLRAFEPNPAN.TYLTWRGNLKKYHVVLSGTNAGAFEANTGGLVYNATGAFRTGT  519
consensus                                    !!!!*!!!*!!! ! !!!  !!  !!!!  !!!!!*** !!! !!!!!!**     ******      !*  !! ! ! !
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logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  KNLWGARSLNDGGKVYVGGTYEMLPMPTTTKTTA..................LRNVMTDVGSATETALVPLITNNTNGSYD  594
NTDB id 1063 ABD1 RS15730 WP 000768961.1     KDYWNSSTYNDGGKVFFGGSYAKVPLPIAGQNETRDAEGNITKYYYAVQSKIRNLFTDVSAVAADGSLTKIST.......  592
consensus                                    !  !   * !!!!!!* !!*!  *!*!       ******************!!* !!!      * ** !* *******

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  QAKSLLKIVKT..ENTI.......SKE...EVLNTFRNQTTLKDFPISIKLKLLNYLGFKVDTSLEAIPANDDVSYEGSP  662
NTDB id 1063 ABD1 RS15730 WP 000768961.1     SGTNLLKIPAAPPEGTNPFDTVANTASYVLGKFDPSTGQNILKAFPISLKLKILNYLGYSTDISATTLPSS..LVTSNEP  670
consensus                                     *  !!!!*  **! ! ********  ***    *   !  !! !!!!*!!!*!!!!!*  ! !   *!  ***     !

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  YTSMGGIIHSFPVQMTYSGRITATGELATDDITLPDGTILKPRNQSVLYGSMEGGLHIVDAATGVEQMVFVPAEILNNTV  742
NTDB id 1063 ABD1 RS15730 WP 000768961.1     YLSMGGSIHSLPVQLTYNGTLDDNGN............LTSAREQSILYGTMEGGLHIVDASSGIEQMVFVPADILNDSV  738
consensus                                    ! !!!! !!! !!!*!! ! *   ! ************  *! !!*!!!*!!!!!!!!!! *!*!!!!!!!!*!!! *!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  ASNALVKSGSGTPAPAHGVDAPWIVDSTYRTT....GTYPNSQVNAIKMNVYGGLRMGGNSFYGLDVLNPTEPKLKFRVG  818
NTDB id 1063 ABD1 RS15730 WP 000768961.1     ASKALVVGQSDASAPAHGMDGAWVSDPAYNITTVGSGSSAVSKVTAKQMNIYGGMRMGGSSYYGLDVLSPTSPKLLFRIG  818
consensus                                    !! !!!    !  *!!!!!*!**!* !* !  !****!* * ! ! !  !!*!!!*!!!! !*!!!!!! !! !!! !!*!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  SDQADYTRMGQSWSKPVLIDIRYQGVPTRALVVGGGYDACYEDPRFVLSGSSTANDTSSCTAKTRAKGNAVYVIDAETGK  898
NTDB id 1063 ABD1 RS15730 WP 000768961.1     ADQTDYSRMGQSWSKPVLANIRYNGSIRRVLIVGGGYDQCYEKPNITLT........DACFTNGKAKGNAVYIIDAKTGQ  890
consensus                                     !! !!*!!!!!!!!!!!  !!!*! * ! !*!!!!!! !!! !   !*********  !    *!!!!!!!*!!! !!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  RLFWVSNTGSDANNADLRHSVVSRISTLDRDGDSYVDHLYFGDLGGQVFRVDMDNYQTKSLTTTDGTTTTSYSNFGVRTV  978
NTDB id 1063 ABD1 RS15730 WP 000768961.1     RLWWTSDTGSNTDNANMKHSIVSRISTLDRDADGLVDHLYFGDLGGQIFRVDLNNNQTK........TNSTYSSFGVRVV  962
consensus                                    !!*! ! !!!   !! **!!*!!!!!!!!!!*!  !!!!!!!!!!!!*!!!!* ! !!!********! **!! !!!! !

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  RLANLATTSTG....TAITNGDNPRFYEPVTLTIHDEDSKTFIHVGAASGDRSTPLDVAPTIGRDGLSPYVALTNRPTNR  1054
NTDB id 1063 ABD1 RS15730 WP 000768961.1     RLANLATNDSTYDGTNDYTGGNAPRFYEPPTVTIHDYGIHTFITVGIASGDRSTPLDVYPLTGREGMTPTSALSGRPVNN  1042
consensus                                    !!!!!!!  * ****   ! !  !!!!!!*!*!!!!   *!!!*!! !!!!!!!!!!!! !  !!*!**!  !!* !! !
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logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  VYGLFDLDFMKEDLITNTALTGNYTSTTTETAVPTKNRLITRNLTLADLLGNPQTSITGSETIYSKFFSTT.APKHGWYR  1133
NTDB id 1063 ABD1 RS15730 WP 000768961.1     VYGIIDRDFVKKNLMSLTD.................NQLETKDITRTGLRKNPQILRTGETRVAQIFFPTTGVGKGGWYR  1105
consensus                                    !!!* ! !!*!  !** ! ****************! ! !* *!   !  !!!   !!   *   !!*!!* *!*!!!!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  SLSWSWDTSSTGAEVANNTFRQSGGLKAFEEPIAIGNNLFVPVYDPEGTGVTPQNPCLPRVIGETDRQQYCLPFGICLTA  1213
NTDB id 1063 ABD1 RS15730 WP 000768961.1     SLSS....TSDGTEKANNSFRIKGGLKAFEEPMAITGNLIIPVYDPQGTGIVAADPCLPRVVGETDRQTYCLPFGACLNS  1181
consensus                                    !!! *****! ! ! !!!*!!  !!!!!!!!!*!!  !! *!!!!! !!!* *  !!!!!!*!!!!!! !!!!!! !!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  VGIIDLTREKDSGFRLEETTG.....GYKNANVVGKGIQGIALANNGGGGSGSNSCGNYTLATLNDGVGNWQCTRVLNPT  1288
NTDB id 1063 ABD1 RS15730 WP 000768961.1     DGSIDQNKENHSGFETQTGTNCPVGASECNKNVIGSGIRSVTFVPTEDNPPMTNSCGKLKLSGNEQGTGQWQCTSHLVPT  1261
consensus                                     ! !!  *! *!!!     ! *****  *! !!*! !!  *   *    ** *!!!!   !     ! !*!!!! *! !!

logo
NTDB id 382754 FYN22 RS01390 WP 215900984.1  RWFEKR.  1294
NTDB id 1063 ABD1 RS15730 WP 000768961.1     RWYERYR  1268
consensus                                    !!*!* *
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X non conserved

X similar

X $\geq$ 50% conserved