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logo
NTDB id 964798 NSQ41 RS13740 WP 094246271.1  MLRSKFRWNRLYRDESNEEAVRALIDSLNITYLTARLLVNRGIQNVEEAKEFLHIKEPSFHDPFLLDGMERACERIFAAI   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPD...QDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAI   77
consensus                                    !! !! !!     *!*** * !* ! * !*!!*! ! !!! !!     ! !* !!! !** !*!!! * !!   !**!!   !!

logo

NTDB id 964798 NSQ41 RS13740 WP 094246271.1  RAGEKIVVYGDYDADGVSSTAVLLTALKELGANVDFYIPNRFSEGYGPNEHAFRMIHEKGCRLIITVDTGIAAINEADLA  160
NTDB id 354 BSU 27620 NP 390640.1            SQQEKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVA  157
consensus                                       !!!**!!!!!!!!!*!! !*!* !   ! !*!!!!!! !! !!!!!!!*!!! !*!*!* !!!!!!!!!!!**!! *!

logo

NTDB id 964798 NSQ41 RS13740 WP 094246271.1  KRLGIDLIITDHHEPGPVLPDAYAIIHPKLPNSTYPFKELAGVGVAFKMAHALYGKVPESLIEIAAIGTIADLVPLYGEN  240
NTDB id 354 BSU 27620 NP 390640.1            KELGLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDEN  237
consensus                                    ! !!*!*!!!!!!!!!!! !!!   !!*!!! ! *!!!!!!!!!!!!!!!*!!!! ! *!* !***!!!!!!!!!!!!* !!

logo

NTDB id 964798 NSQ41 RS13740 WP 094246271.1  RLLAKKGIEKLKTTTRPGINSLLSIAGVDKSSVNEETIGFVLGPRINAAGRLKEADPAVELLLTDDEEKADMLAKEIDQL  320
NTDB id 354 BSU 27620 NP 390640.1            RLIATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQL  317
consensus                                    !!*!  !*!*!* ! !*!*  !* * ! !    !!!!*!! !*!!*!! !!*  !!!!!*!!***!   !* !! !!!!!

logo

NTDB id 964798 NSQ41 RS13740 WP 094246271.1  NKQRQKLVQEITDEAIKEIEKNFPIEDNPVLVVAKENWNSGVIGIVASRLVEKFYRPAIVLSIDRETGLAKGSARSIQGF  400
NTDB id 354 BSU 27620 NP 390640.1            NKERQKMVSKMTDEAIEMVEQQG..LDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGF  395
consensus                                    !! !!!*!  *!!!!!  *! * ** !** *!!!!  !!*!!*!!!!!*!!**!!!!!!!! !! ! !*!!!!!!!! !!

logo

NTDB id 964798 NSQ41 RS13740 WP 094246271.1  DLFKNLSECRELLPHFGGHTMAAGMTLKAEHIDELRQKMIDLANSQLSDEDFIPVKNIECACSLEHVTIKAVEELEKLAP  480
NTDB id 354 BSU 27620 NP 390640.1            NLFESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSP  475
consensus                                     !!   !!!!!**!!!!!!!*!!!!!!!!!!****!! ** **!   !**!!!!!!  *** ! *!**!*  * !*  ! !

logo

NTDB id 964798 NSQ41 RS13740 WP 094246271.1  FGVDNPKPLFLLENVNAADVRKIGVNGNHLKMKIEEKEFELDVVGFGQGELAEEISPFANVSIVGELAINEWNYVKKPQL  560
NTDB id 354 BSU 27620 NP 390640.1            FGMLNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQL  555
consensus                                    !!* !!!!* !*!!    !!!!!! !  !*!! !       !!*!!!  !!! ! ! !   *!!!!!* !!!!!  !!!!!
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logo
NTDB id 964798 NSQ41 RS13740 WP 094246271.1  LLQDLAVPAWQLFDWRGSRGTEALLSKLPAEKRLLIAFHEESIKLYKDQPYIHEIHIISEIKDYKNIDVSNKYVVFLDMP  640
NTDB id 354 BSU 27620 NP 390640.1            MIKDAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPP  635
consensus                                    ** ! !!* !!!!! !! !  !  *! !!  !! ** !*!*!  !    *  *!*!*!!     !  !*   !*! !!*!

logo
NTDB id 964798 NSQ41 RS13740 WP 094246271.1  PAIEFLVSAFEQGMPERIYAIFYQHADHFFQTMPTREHFKWYYAFLTKKNSFDYKKYGEDLAKYRGWTKETIFFMTKVFF  720
NTDB id 354 BSU 27620 NP 390640.1            PSLDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFF  715
consensus                                    ! ** !    !   !!!!! !! *! !!!  ! ! !*!!!!!!!!! !*  !! !!*! *!!!**!!* !!! !!!!!!!

logo
NTDB id 964798 NSQ41 RS13740 WP 094246271.1  ELEFVTINNGVITLNKKVKKRDLSESGTYQQKLDQMKLEQQLLYSSYQELKEWFEKAVLKRDADKFLQVHEW  792
NTDB id 354 BSU 27620 NP 390640.1            DLGFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQ.DSEAYESTRRT  786
consensus                                    *! !! ! !!!***    !!!!!**! !!! !   ! !*! ! !!!  !!!!!  ! *  *! * *   *
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X non conserved

X similar

X $\geq$ 50% conserved