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logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  MLASKMRWEIQQPDQEKVKSLTEQLDITPLVASLLVKRGFDTAESARLFLHTKDADFYDPYELKGMREAVDRIKLAVSQGEPIMI   85
NTDB id 354 BSU 27620 NP 390640.1           MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQEKIMI   85
consensus                                   !!!!!!!!!!! !!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!*!! !!!!! !*!! !*!!!

logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  YGDYDADGVTSTSVMLTALRQLSADVDFYIPDRFTEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAEVAKELGLDVIITDHH  170
NTDB id 354 BSU 27620 NP 390640.1           YGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKELGLDVIITDHH  170
consensus                                   !!!!!!!!!!!!!!!!* !  !!! !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!

logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  EPGPELPDVFAIIHPKQPGCGYPFKELAGVGVAFKLAHALTGSLPEAMLDLAAIGTVADLVPLHDENRLIASLGIERLRTTNRPG  255
NTDB id 354 BSU 27620 NP 390640.1           EPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLIATLGLERLRRTNRLG  255
consensus                                   !!!!!!!!! !!*!!!!!!!! !!!!!!!!!!!!!!!!!!! ! !!* *!!!!!!!!!*!!!!!!!!!!!!!!!*!!*!!!! !!!*!

logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  LKALIKLSGGDIGQADEETIGFQVAPRLNAVGRIEQADPAVHLLMTEDQFEAEELASDIDRLNKERQKMVKTMTEEAVEMVQQQG  340
NTDB id 354 BSU 27620 NP 390640.1           LKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKERQKMVSKMTDEAIEMVEQQG  340
consensus                                   !! !!!!!!!!!! ! !!!*!!!*!!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!! *!! !!!!!!!!!  !!*!!*!!! !!!

logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  GNPSAIVVAKAGWNPGVVGIVASKLAERFYRPAVVLGIDEEQGIAKGSARSIRGFNLFTSLSQCRDILPHFGGHPMAAGMTLKAE  425
NTDB id 354 BSU 27620 NP 390640.1           LDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFESLSECRDILPHFGGHPMAAGMTLKAE  425
consensus                                     **!!!!!!!!!!!!!!!!!!!!! *!!!!!!!*!!!!!!! !!!!!!!!!!!!!!!!! !!! !!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  DVAELRDRLNQMAEETLTEEDFIPVQEVDLVCGVEDITVESITELNMLSPFGMLNPKPHVMVKNAVLDDVRLIGANKNHVKMTVK  510
NTDB id 354 BSU 27620 NP 390640.1           DVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLNPKPHVLVENAVLEDVRKIGANKTHVKMTIR  510
consensus                                   !!**!! !!! *!* !!!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!*! !!!!*!!! !!!!! !!!!!**

logo
NTDB id 139274 SB45 RS12355 WP 015387899.1  SDSAVLDCVGFNKGELEAGVVPGSTISIVGEMSINEWNNRKKPQLMIKDAAVPEWQLFDIRGKRTWEDTVTALPKEKRVLISFNE  595
NTDB id 354 BSU 27620 NP 390640.1           NESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKE  595
consensus                                    *!  !!!!!!!!!!!  !*!!!! !!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 139274 SB45 RS12355 WP 015387899.1  KTAQKLREKELTGELAEITSESEAEALQLDGKYAVFLDVPPSADRLQHLLDGKKPERIYFVFINHEEHFLSSFPSRNDFKWFYAF   680
NTDB id 354 BSU 27620 NP 390640.1           DSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAF   680
consensus                                    *    !    *!   !** !*!    ! !   !!! ! ! !!*!!! ! ! *!!*!! !!!!!!*!*!!!*!!!!*!! ! *!!!*!!!

logo

NTDB id 139274 SB45 RS12355 WP 015387899.1  LLKRGAFDFGKHGSELARHRGWSIDTINFMTKVFFDLGFVKIEDGVLSVVSGAKKRDLADSQTYQVKQQLMELDQKLNYSAAHEL   765
NTDB id 354 BSU 27620 NP 390640.1           LLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEEL   765
consensus                                   !!!!!!!!  !!!!!!!!*!*!!!**!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!! !!!!!!! !!!!!!!!!!!!!!! !*!!

logo

NTDB id 139274 SB45 RS12355 WP 015387899.1  KEWLNKLMNQGSEAYESTRRT   786
NTDB id 354 BSU 27620 NP 390640.1           KEWLNKLMKQDSEAYESTRRT   786
consensus                                   !!!!!!!! ! !!!!!!!!!!
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X non conserved
X similar
X ≥ 50% conserved