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logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  MLASKMRWEIQQPDQEKVKSLTEQLDITPLVASLLVKRGFDTAESARLFLHTKDADFYDPYELKGMREAVDRIKLAVSQG   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!!!!!!!!!! !!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!*!! !!!! !*!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  EPIMIYGDYDADGVTSTSVMLTALRQLSADVDFYIPDRFTEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAEVAKEL  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !*!!!!!!!!!!!!!!!!!!!* !  !!! !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  GLDVIITDHHEPGPELPDVFAIIHPKQPGCGYPFKELAGVGVAFKLAHALTGSLPEAMLDLAAIGTVADLVPLHDENRLI  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !!!!!!!!!!!!!!!!!!!! !!*!!!!!!! !!!!!!!!!!!!!!!!!!!! ! !!* *!!!!!!!!!*!!!!!!!!!!!!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  ASLGIERLRTTNRPGLKALIKLSGGDIGQADEETIGFQVAPRLNAVGRIEQADPAVHLLMTEDQFEAEELASDIDRLNKE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                    !*!!*!!!! !!!*!!! !!!!!!!!!! ! !!!*!!!*!!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!! *!! !!!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  RQKMVKTMTEEAVEMVQQQGGNPSAIVVAKAGWNPGVVGIVASKLAERFYRPAVVLGIDEEQGIAKGSARSIRGFNLFTS  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQGLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFES  400
consensus                                    !!!!!  !!*!!*!!! !!!  **!!!!!!!!!!!!!!!!!!!! *!!!!!!*!!!!!!! !!!!!!!!!!!!!!!!!!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  LSQCRDILPHFGGHPMAAGMTLKAEDVAELRDRLNQMAEETLTEEDFIPVQEVDLVCGVEDITVESITELNMLSPFGMLN  480
NTDB id 354 BSU 27620 NP 390640.1            LSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLN  480
consensus                                    !! !!!!!!!!!!!!!!!!!!!!!!!!**!! !!! *!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  PKPHVMVKNAVLDDVRLIGANKNHVKMTVKSDSAVLDCVGFNKGELEAGVVPGSTISIVGEMSINEWNNRKKPQLMIKDA  560
NTDB id 354 BSU 27620 NP 390640.1            PKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDA  560
consensus                                    !!!!!*! !!!!*!!! !!!!! !!!!!** *!  !!!!!!!!!!!  !*!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  AVPEWQLFDIRGKRTWEDTVTALPKEKRVLISFNEKTAQKLREKELTGELAEITSESEAEALQLDGKYAVFLDVPPSADR   640
NTDB id 354 BSU 27620 NP 390640.1            AVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDM   640
consensus                                    !!*!!!!!!*!!!!!!!!!!!*!!!  !! **!! ! *   !   *!  !** !*!   ! !  !!! ! ! !!*!!! !

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  LQHLLDGKKPERIYFVFINHEEHFLSSFPSRNDFKWFYAFLLKRGAFDFGKHGSELARHRGWSIDTINFMTKVFFDLGFV   720
NTDB id 354 BSU 27620 NP 390640.1            LARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFV   720
consensus                                    ! *!!*!! !!!!!!*!*!!!*!!!!*!! ! *!!!*!!!!!!!!!!  !!!!!!!*!*!!!**!!!!!!!!!!!!!!!

logo

NTDB id 285087 DA379 RS10580 WP 003152711.1  KIEDGVLSVVNGAKKRDLADSQTYQVKQQLMELDQKLNYSSAAHELKEWLNKLMNQGSEAYESTRRT   786
NTDB id 354 BSU 27620 NP 390640.1            KIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                    !!! !!!!!! !!!!!!! !!!!!! !!!!!!!!!!!!!! !*!!!!!!!!!! ! !!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved