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logo
NTDB id 1099583 ACM67B RS09165 WP 416189356.1  MFYLYQSNRLESLAALFSRIQQLQPLKHALTAEEIIVQSQGMRRYLSSYLAKELGVAANLKFSLPAGLTWRLMRELIPNV   80
NTDB id 1133 OK783 RS06970 WP 010951252.1      MFYLYQSNRLESLAALFARIQKVKPLKCALQPEQIVVQSQGMRRYLNTCLARDLGVAANLAFSLPAGLTWKLMKKLIPGI   80
consensus                                      !!!!!!!!!!!!!!!!! !!! * !!! !! *! !*!!!!!!!!!! **!!**!!!!!!! !!!!!!!!!*!!* !!! *

logo
NTDB id 1099583 ACM67B RS09165 WP 416189356.1  PALSPFSPEVMRWRLLALFRSEAFQTASEFEIVRNKLQSYLRSGESADYHLAGQLADIFDQYLVYRPQWIDAWQEGKLLD  160
NTDB id 1133 OK783 RS06970 WP 010951252.1      PELSPFAPEVMRWRLLDLFRSAEFQNGAEFEDVRNVLQDYLGSGESADYQLAGQLADIFDQYLVYRPQWIDAWQQGRILG  160
consensus                                      ! !!!! !!!!!!!!!! !!!!  !! * !!! !!! !! !! !!!!!!!*!!!!!!!!!!!!!!!
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logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  DQYAAQQFEQALVKWQQEVALSGFSDGMLPQHTVIRHISRFLSSESQAGFLRGGMTFCSMVPMRSLPFKVLCLLGLNDGD   640
NTDB id 1133 OK783 RS06970 WP 010951252.1      DQKAVQNLENEWVKWQEESTLAGFF.GQLPQQTVIRHIRRFLDSESEAGFLRGGITFCSMVPMRSLPFKVICLLGLNDGD   636
consensus                                      !! ! !* !*  !!!! !  ! !! *! !!!*!!!!!! !!! !!! !!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!

logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  FPRNTKPTVFDLIAKHPKKGDRARRDDDRYLFLEAIISAREILYLSYVGRSIVNDAELAPSALLSELIDTIAEMTGKRSK   720
NTDB id 1133 OK783 RS06970 WP 010951252.1      FPRNTKAAVFDLVAKHPAKGDRARRDDDRYLFLEALISAREILYLSYIGRDIRKDEELASSSLLGELIDTVAAMTGTNSR   716
consensus                                      !!!!!!* !!!!*!!!! !!!!!!!!!!!!!!!!!*!!!!!!!!!!!*!! !  ! !!!*! !! !!!!!*! !!!   !*

logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  DLLANWVRQHPLQAFSTRYFQLQDS.AKLISTRRDYAQALNEAAHRPSEKMTPFFKQPLGNEDELPSIVTQNEFIGFWKN   799
NTDB id 1133 OK783 RS06970 WP 010951252.1      QLAQNWIEQHPLQAFSRRYFQEGGRSDGIFGTRTDYAAALGQTP....EPPQPFFDQPVENAEPVA.EIGQDEFIRFWRN   791
consensus                                       !  !!* !!!!!!!! !!!!    *  *  !! !!! !!   *****!** !!! !!* ! ***** * ! !!! !!*!

logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  PVKAWLRHTLGWREPYRDEAWESAEPFEPEQGEKIADAYLEARRQRQDFAAVETKLNAESLLPTGELGSLWQQRFQAAAK   879
NTDB id 1133 OK783 RS06970 WP 010951252.1      PVKVWLQ.QLAWSEPHIGEAWEPAEPFEPQHAEQIAETYIGARREGQDFSQTAARIAAESLLPSGELGKLWQQSFQTAAK   870
consensus                                      !!! !! * !*! !!*  !!!!*!!!!!! **! !!* !* !!!  !!!     ** !!!!!!*!!!! !!!! !! !!!

logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  QLDQDLLESPKVPPVAYELAFGQQTLSGSLNHVYQCGQILFRNKKLNAPERIALLLEHVLFNAVRPSESESGQSYFVSND   959
NTDB id 1133 OK783 RS06970 WP 010951252.1      QIDTAVLNSPKLPPFPYAIPSDGQILKGSLGNLYRCGQVFYAYGKPNAPQRVAFLLEHLIFCAVMPSEAETRQTFIVQSG   950
consensus                                      !*!  *! !!!*!! *! **   ! ! !!! **! !!!* *   !*!!! !*! !!!!**!*!! !!! !* !** !

logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  ETVVYPEIDRQTAHDILQTWLTYYNIGQHRPLPFFAKTSLAAAEAYLKKQEWEAAQSAAIGAYFGNKVSPGQGSYTEVAL  1039
NTDB id 1133 OK783 RS06970 WP 010951252.1      ETEVLAEIAQDRALQLLSEWMAFFNIGQNRPLPFFAKTSLAAAEAFAQKQDWEAALKKAQTAYYGSKVSKGQKDYTEVAL  1030
consensus                                      !! ! *!!    !* *!  !* **!!!!*!!!!!!!!!!!!!!!!*  !!*!!!!   !  !!*! !!!*!!  !!!!!!

logo

NTDB id 1099583 ACM67B RS09165 WP 416189356.1  VFGHDDESPLDTPLFENLIIEMLVPLLIAVSTSKEA..  1075
NTDB id 1133 OK783 RS06970 WP 010951252.1      VFGNASQNPLEQPLFENLARLLADTLAAAEKREGTGAA  1068
consensus                                      !!!*    !!* !!!!!!   *  *!  !      ***
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X non conserved
X similar
X $\geq$50% conserved