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logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  MPRQTVNEKPKEFKKTLKEMVGYLKPYFPLILIAVVASVIATILQIIGPDKLKLITDEITKGLPKMVKGKPVLASVNMDN   80
NTDB id 370 SMU RS04260 WP 002263294.1        ........MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGK.........IDLDK   63
consensus                                     ******** *   !  !  ! *!!!*! *!  *!!* *** * * *!!!!*!! *!! *!!!!*  ********** *!

logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  VKSITTMLVIFYGSSLLLNLLQRFIMADVTQKISKSFREKIAVKINKLPFSYFDNTTYGDILSRVTNDVDTISQSLNQSV  160
NTDB id 370 SMU RS04260 WP 002263294.1        IGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSL  143
consensus                                     *  ! * ! * !    !*     !!*  * !! !   !  !! !!!!*!  !!! ** !! !!!!!!!!! **!! !!!*

logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  GALLTSIVMLIGTVVMMIYNSGILTITTILSSLVGFVFITIIMKKSQKYFKEQQQNLGDINGQIEEVYTGHNVIKAYNAG  240
NTDB id 370 SMU RS04260 WP 002263294.1        VSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAI  223
consensus                                       **  !**!!!** !!!   ! !  ! !!!   !!!  !*!! !!!* !! !! !!*!* ! *!!!!*!!!!*  !!!

logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  ARAVDEFEQTNTKLYASAWKSQFLSGLMMPIMQFAGNFSYVMVCIVGGALAINGKISFGVIVAFMIYVRLFTNPLSDIAQ  320
NTDB id 370 SMU RS04260 WP 002263294.1        QQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQ  303
consensus                                           !!* !  !*!! !!!!! !!*!!!*!!! !!! !!!!!!!!* *!!!! !* ! !!!!! !!!*!!*!*  !!!

logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  SFNTLQRAAAAGERVFEFLNEDELEEE.HVTEKLEKAKGEVEFKNVRFGYDPEKIIIKDFSVKVNPGEKIAIVGPTGAGK  399
NTDB id 370 SMU RS04260 WP 002263294.1        GITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGK  383
consensus                                        !! ! !!  !!!!!! !*!*!*!*!    !!!  ! ! ! !! !!! !*! !!*!!! *  *! !!!!!!!!!!!!

logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  TTIVNLLMRFYEINDGQILVDGIDTKNLSRENLRDQFCMVLQDSWVFEASVRENITFGEKDITDEELIDVCKRVNLDHFI  479
NTDB id 370 SMU RS04260 WP 002263294.1        TTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFI  463
consensus                                     !!!!!!!!!!!!*  !  !  *!!*  * **!  **! !*!!!!!*!*!!**!*!!* *  !*!!!! *!  *! ! **!!!

logo

NTDB id 109719 ABWU76 RS01215 WP 353316847.1  RTLPNGYDTILNDKQSLSQGQLQLLTIARAMVSHAPMLILDEATSSVDTRTEIIVQDAMDELAKGRTSFVIAHRLSTIKN  559
NTDB id 370 SMU RS04260 WP 002263294.1        KTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRN  543
consensus                                     *!!! !!!!*! !  *!! !! !!!!!!!!** *!!*!!!!!!!!!!!!!!!! **! !!!*!  !!!!!!!!!!!!!!*!
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logo
NTDB id 109719 ABWU76 RS01215 WP 353316847.1  ADLILVMKDGDIVEKGKHDELLARDGFYAQLYNAQFERK..   598
NTDB id 370 SMU RS04260 WP 002263294.1        ADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                     !!!!!!!*!! !*! ! !! !*!  !!!! !!! !!    **
```

X non conserved

X similar

X $\geq$ 50% conserved