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logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  MLSELSIKNFAIIEQLEIAFDDGLTVLTGETGAGKSIIIDAVQLLAGGRGSQEFIRHGAKKAELQGLFTIDKNIENVMGK   80
NTDB id 352 BSU 24240 NP 390304.2              MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESG.HPVLGV   79
consensus                                      !! !!!!!!!!!!! ! * !* !!!!!!!!!!!!!!!!!!!* !! !!!!! !!*!*! !!!! !!! **  ***!*!

logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  LTEFGIDTEEGIVILRRDISASGKSVCRVNGKLVTIAILREIGALLLDIHGQHENQELMNEKRHIHLLDFFIGEPIERAM  160
NTDB id 352 BSU 24240 NP 390304.2              CAEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESAL  159
consensus                                      * ! !!!  * ****!!!!! !!!!!!!!!!!!!!!! !!!!! !!*!!!!!!*!! !! *  !**!!! ! ! **! !*

logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  ATYTELYDKYKKLTQLIAAKTQDEQQIAQKIDLYKFQLEEIDAANLRIGEEEELESELVKLQHFNRLFDRLNTSYEALSL  240
NTDB id 352 BSU 24240 NP 390304.2              KTYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRS  239
consensus                                       !! ! ! *! !!   *   *  !! *!***!! !!!!!!* ! ! * !*! !  !   * *! **** !*  ! !!

logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  ESHGLDWVGNSMSDLEEAASIDEDLKTMSETVNSSFYALQDVSHDLKRMIDGMEFQPDRLEFVEDRLALFLTLKRKYGKS  320
NTDB id 352 BSU 24240 NP 390304.2              EQGGLDWVGMASAQLEDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGAT  319
consensus                                      ! *!!!!!!     !!*   ! !*!! !!!*!  !*! ! ! ** ** !*! *!! !*!! **! !!     !!!!!! *

logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  LEDILIYRDKIADALDQLVNRDERLHQNQELLAQYVEDLEIEANELSIIRKKAALSLEKGIEEQLKQLYMEKATFKVQIH  400
NTDB id 352 BSU 24240 NP 390304.2              VEDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFK  399
consensus                                      *!!!! !  !! * *!!* !!! *!*     !     !* *!!  *! !!!  !  !  !*  !! !!!!! !!     *

logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  .............QKQPRQFDANGFDEVVFMISTNLGEPLKPLVRVASGGELSRMMLALKTIFSQHQGVTSIIFDEVDTG  467
NTDB id 352 BSU 24240 NP 390304.2              VRTASRNEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTG  479
consensus                                      ************** !! !   *! ! ! !*!!!! !!!!!*! *!!!!!!!!!*!!!*!*!!!  *! !!!!!!!!!!!!

logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  VSGRVAQSIAEKISMISSHSQVLCISHLPQVAAMADTHHYLIKKEVHDGRTTTAIHDVMKTERTEELSRMLSGAEITTLTL  547
NTDB id 352 BSU 24240 NP 390304.2              VSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTK  559
consensus                                      !!!!!!! !!!!!* *! *!!!!!!*!!!!!!!!!!!*!  ! !!**!!!!!! **** ! !*  !* !!* ! !*! !!
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logo

NTDB id 177521 SporoP8 RS00405 WP 085130504.1  QHAEELLVLADQRKKEFRK   566
NTDB id 352 BSU 24240 NP 390304.2              RHAKELLKQADQVKTTG..   576
consensus                                       !! !!!  !!! !    **
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X non conserved

X similar

X $\geq$ 50% conserved