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logo

NTDB id 24044 GK RS12310 WP 011231871.1  MLAELSIKNFAIIESLSLSFDKGLTVLTGETGAGKSIIIDAIHLLIGGRGSAEFVRFGAEKAEIEGLFLLDDDRHPCWQKCADVG   85
NTDB id 352 BSU 24240 NP 390304.2        MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLES.GHPVLGVCAEQG   84
consensus                                !!!!!!!!!!!!!!  !**!!**!!!!!!!!!!!!!!!!!!!!*!!*!!!!!  !!!!*!   !!!*!!!!!!* * !!*    !!* !

logo

NTDB id 24044 GK RS12310 WP 011231871.1  IDASDGMIVLRRDIFANGKSVCRINGKLVTTAVLRDIGATLVDIHGQHEHQELMDPSRHLPLLDEFGGLEAAEALARYRAVYERY  170
NTDB id 352 BSU 24240 NP 390304.2        IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY  169
consensus                                !! !! !!!*!!!!   !!!!!!*!!!!!! ! !!*!!  !*!!!!!**! !!**  !!*!!! !*! !   !!  !   ! !!

logo

NTDB id 24044 GK RS12310 WP 011231871.1  EELGNKLKKLSENEQQMAHRLDLLTFQLREIEQAALEPGEDERLMEEKVRIVNFQKIYTALQKSYEALSGEGRGLDSIGEAMRHL  255
NTDB id 352 BSU 24240 NP 390304.2        VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL  254
consensus                                  !  !!! !!! !! !!!!!!!* !!! !!! ! !!* !!! ! !!*  ! !! !!!  !!  ! !!  !  !!! *! !  *!

logo

NTDB id 24044 GK RS12310 WP 011231871.1  DDVAGMDAALKDAHETTANCYYLLEEVMYKLRDQIEEMEYDPERLDAIESRLAEIGQLKRKYGATIADILHYAETIAEEIETIEN  340
NTDB id 352 BSU 24240 NP 390304.2        EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                *!*  *  *!!  *!*  !*!!!!!*  * *!  **!*!*!!!!!  !!*!! !! !!!!!!!!!* !!!*!!  ! !!!* !!!

logo

NTDB id 24044 GK RS12310 WP 011231871.1  RETHVHELKQQLALVTDELLTEAKNVTAVRQTYARRLIERIHQELKDLYMDKTKFDIVFAKREGS..LDAPLVDGVPVRFQEDGI  423
NTDB id 352 BSU 24240 NP 390304.2        RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                !**!** !!   !  !  **  !! !!* *! !*!**! * !! !!! !!!*!* !!  !  ! *!** *!!!! ! !!   ! !!

logo

NTDB id 24044 GK RS12310 WP 011231871.1  DVVEFYISTNVGEPLKPLVKVASGGELSRYMLALKTIFSKHQGVTSIYFDEVDTGVSGRVAQAMAEKIYRIASQSQVLCISHLPQ  508
NTDB id 352 BSU 24240 NP 390304.2        DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                !*! ! !!!! !!!!!*! !!!!!!!!!!*!!!*!*!!! *! !!!!*!!!!!!!!!!!!!!!!*!!!!***   !!!!!!*!!!!

logo

NTDB id 24044 GK RS12310 WP 011231871.1  VAAMADTHLLIAKETDGERTKTVVRKLNEEEKVKEIGRMISGVEMTELTKRHAKELLELAAKMKH..  573
NTDB id 352 BSU 24240 NP 390304.2        VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG  576
consensus                                !!!!!!!!! !!!!    !! ! !**!   !!! !!!!!! !!!*!*!!!!!!!!!!  !   *!***
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X non conserved
X similar
X $\geq$50% conserved