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logo

NTDB id 420458 M654 RS15575 WP 026587801.1  MLAELSIKNFAIIEELTISFEKGLTVLTGETGAGKSIIIDAVSLLVGGRGSSEYVRYGEKRAELEGLFLLDSGHPVFDLCAELGI   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVCAEQGI   85
consensus                                   !!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!! *!!!!!!!!!*!!!!!  *!!! !!

logo

NTDB id 420458 M654 RS15575 WP 026587801.1  EASDDMIVMRRDINANGKSICRVNGKLVTIAALREVGRLLLDIHGQHDNQLLMEDDQHLQLLDRYAGEEIDKALKAYQEVYDRYM  170
NTDB id 352 BSU 24240 NP 390304.2           DVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRYV  170
consensus                                   * !!*!!!!!!!!   !!!*!!!!!!!!!!! !!!*!!!!!!!!!!!!!!!!!!!**!!!!!!**!! !** !!! !!! ! !!*

logo

NTDB id 420458 M654 RS15575 WP 026587801.1  NVVKKVKQLSESEQEMAHRLDLIQFQLDEIESANLQPKEDELLQEERQQIANYEKIYEGLQHAYNALRNEQAGLDWVGMASSELE  255
NTDB id 352 BSU 24240 NP 390304.2           KLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQLE  255
consensus                                    **!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!! ! * !!! !!!!!!!! !*!!!!! !!*!!!!!! !!*!!!!!!!!!!   !!

logo

NTDB id 420458 M654 RS15575 WP 026587801.1  NVSEINGGLKKISESVANAYYILEDSTFQIRNMLDELEYDPERLDFIESRLNEIKQLKRKYGATVEDIQAYSAKIEEEIDRIQNR  340
NTDB id 352 BSU 24240 NP 390304.2           DISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIENR  340
consensus                                    *!*!! *!!!*!!!! ! !!*!!! !!!*!!!!!!!!*!!!!! *!!*!!!!!!!!!!!!!!!!!!!   !  !!!!!!! ! !!

logo

NTDB id 420458 M654 RS15575 WP 026587801.1  DSHLQALKAELESVGKDVAIEAVNVSDIRKSWAKKLAGQIQQELKELYMEKSTFDTQFQIKTADARDDAPTVNGVPVQLTKQGID  425
NTDB id 352 BSU 24240 NP 390304.2           DSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGID  425
consensus                                   !!!!! !! !!*!!!!!!!*!! !!! !!!*!!!!!!  !* !!! !!!!!!!!!! ! **!!    **!! !!! !!!!! !!!!

logo

NTDB id 420458 M654 RS15575 WP 026587801.1  SVRFLISTNTGEPLKSLSKVASGGELSRIMLAMKSIFSAQQDVTSIIFDEVDTGVSGRVAQAIAEKIHRVSIGSQVLCITHLPQV  510
NTDB id 352 BSU 24240 NP 390304.2           LVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQV  510
consensus                                    !*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 420458 M654 RS15575 WP 026587801.1  AAMADTHLLITKQSKSGRTTTSVTPLSKQEKIAEIGRMIAGVEVTDLTKRHAKELLHQAKLVKTGG  576
NTDB id 352 BSU 24240 NP 390304.2           AAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG  576
consensus                                   !!!!!!!! ! !  ! !!!!! ! !!!!!!!*!!!!!!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved