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logo

NTDB id 34785 MSIP34 RS01065 WP 015829204.1  MKQSLQLKFSQHLALTPQLQQSIRLLQLSTQELNQELETLLQANPLLERADKIEEPLEI.PD.....NFIAAPVAPEPSV   74
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                    !!!!!!!* !!!!!!!!!!!!!!!!!!!! !!*!!*!  !  !!!!!!     **   ** *****     *  !  !*

logo

NTDB id 34785 MSIP34 RS01065 WP 015829204.1  AATPEE......APRQDEFGGDDYFEFGSSSGSNRWEDSSS.....GNDDDNDFSYQEAVSLSLRDHLLGQLKLLPLSER   143
NTDB id 1425 RS RS02020 WP 011000369.1       SPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPR   160
consensus                                     **!  ****** *    *     !*    *    !     *****  *!!  *       ** !**!* !! *!*!!*!

logo

NTDB id 34785 MSIP34 RS01065 WP 015829204.1  DQTLSMLLVDTITDDGYLEQSLEELADMLPPELEIDMLELQTALKHIQNLDPPGIGARNLAECLSLQLRALPPDTPYVDL   223
NTDB id 1425 RS RS02020 WP 011000369.1       DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD..SPAKPL   238
consensus                                    !  ! * !**** !*!!!  !!*!*   !!*!!!*** !!! !!***!  !!*!!!!!  !!!!*!!!  !****!  *!

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NTDB id 34785 MSIP34 RS01065 WP 015829204.1  AIKVAETHLPLLAARDYAKLKKLLACDDDVLREVQQLVLQLNPRPGGEFSKITSDHYIQHEIVVKKIKGVWLAHLNDEVV   303
NTDB id 1425 RS RS02020 WP 011000369.1       ALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEAD.FVVPDVVVRKTAAGWMAQLNPDVM   317
consensus                                    !* *   !!*!!!!!!! *!!! ! *!!  !*  * !*  ! ! !!* ! *   !***  **!!*!  * !*!*!!**!*

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NTDB id 34785 MSIP34 RS01065 WP 015829204.1  PKLRINQLYAGILKRNRESS.SQYLMSQMQEAKWMIKNIQQRFSTILRVSQAIVDRQRNFFEHGEVAMRPLVLREIADEL   382
NTDB id 1425 RS RS02020 WP 011000369.1       PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL   397
consensus                                    !*!!!! *!! !!*  !  !*   !   *!!!*!*!!!!!!!! !!!!!!!!!!*!!* !! !!!*!!!!!!!!!!!! !

logo

NTDB id 34785 MSIP34 RS01065 WP 015829204.1  GLHESTVSRVTTRKYMLTPRGVYELKYFFGSHVATESGGACSATAIRALIKQMVSEENPKKPLSDNQITDILGKQGIVVA   462
NTDB id 1425 RS RS02020 WP 011000369.1       GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA   477
consensus                                    !!!!!!*!!!!! !!! !! !  *!!!!!!!!!! !!*!!!*! !!!!!!!!!*!   ! !! !!!!   ! **!! !! !!!

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NTDB id 34785 MSIP34 RS01065 WP 015829204.1  RRTIAKYRESLQIPAANQRRSL   484
NTDB id 1425 RS RS02020 WP 011000369.1       RRTVAKYREALKIPAVNLRKSL   499
consensus                                    !!!*!!!!! ! !!! ! !*!!
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X non conserved
X similar
X $\geq$ 50% conserved