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logo

NTDB id 1081107 UPTC5079 RS02015 WP 257938999.1  MKKIIFLFISILTFTNVFASQCHQRFFDISVENKTSLIEILNELGRECGFSIIIKDSLAREKLNYTQNYLHIRKMSLREI   80
NTDB id 1226 CJJ81176 RS07065 WP 002856543.1    ..MIRLILINILFCHYLYALDCQKRLFDISINEKLSIQESLDELAKYCSFSIIVKDKIAKEKLEILQNSVNIHQMSLDEI   78
consensus                                        ** !  * ! !! ** **!  !* ! !!!!*  ! !* ! ! !!** ! !!!!*!! *!*!!!   !! **!* !!! !!

logo

NTDB id 1081107 UPTC5079 RS02015 WP 257938999.1  FKLLLMENNLAYEYEKNILKIYGRQVKTFKVHYISSIREGQSITKASVDSRPKQGDYDSIK..EADNLVISTDKFDFWEK  158
NTDB id 1226 CJJ81176 RS07065 WP 002856543.1    FNFFIKEHDLSYDFDGKILRISGINTKIFKISYITSIREGQSITKASVDAKPRQSEYSGSFDDAEDNMIKSMEKFDFWQN  158
consensus                                        !   * !* ! !***  !!*! ! * ! !!**!!*!!!!!!!!!!!!!! *!*! *!  * **  !!** ! *!!!!!

logo

NTDB id 1081107 UPTC5079 RS02015 WP 257938999.1  ISEEIQALLDE.....NTTKPIINTNAGVITLNATLYELTRVEKYLKDLNKRLKKQVLIDVSIVAVHLNKSHSSGINWQE  233
NTDB id 1226 CJJ81176 RS07065 WP 002856543.1    IEKEIIVLLKNSHEDYEAKTPIINPNAGLIIVTGTNSQLKSVKNYLQKLENRLKKQVIIDVSILAVSLNENHSSGINWQN  238
consensus                                        !  !!  !!  *****    !!!!*!!!*! * *!   !  !  !!  !  !!!!!!*!!!!!*!!*!!  !!!!!!!!

logo

NTDB id 1081107 UPTC5079 RS02015 WP 257938999.1  LAFKLNGDDN...D...FIINKGGVRNINLKANVETKAILNLLQENGKTTVLSNPKLMALNNQQAIISIGDTINYQVKES  307
NTDB id 1226 CJJ81176 RS07065 WP 002856543.1    FNIGLNSQVNNENSFIQFQNGQGFVKNLGLRANLNFDSIINFLSQNGKTSVLSNPKLMALNNQQAIISVGDTINYQVKES  318
consensus                                           !!   !*** ***!    ! !*!* !*!!*    !*! !  !!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!

logo

NTDB id 1081107 UPTC5079 RS02015 WP 257938999.1  SKGTENGTTISETYNNYSIFVGILLNILPEISDDHKIMLRINPSLSDFKYSVDNHRQNKPRNIAPDTIQKKLSTVVEVDD  387
NTDB id 1226 CJJ81176 RS07065 WP 002856543.1    SKGTENGTTVSESYNNYSIFVGILLNILPEISDDGKIMLRINPSLSDFKYPEDNKRQKEPRTIAPDTIQKKLSSVVQVEN  398
consensus                                        !!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!* !!*!!  !! !!!!!!!!!!!*!! !*

logo

NTDB id 1081107 UPTC5079 RS02015 WP 257938999.1  GQTLILGGLISKNTISNHNEVSALSKIPLFGALFQGKQNLEDISEIVFIIKPSLIRADKKVLSLKELGFEHEDDMF  463
NTDB id 1226 CJJ81176 RS07065 WP 002856543.1    NQTLILGGLISHDKSNEKNSINFLSKIPILGSLFKGEVLNSKATEIVFIITPSIVDSV.NAPSLKDLGFKHYE...  470
consensus                                         !!!!!!!!!!*     *! *  !!!!!* ! !! !       *!!!!!! !!**   *  *!!!*!!! ! ****
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X non conserved

X similar

X ≥ 50% conserved