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logo

NTDB id 1210 C694 RS01710 WP 001862983.1          MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
NTDB id 1081249 UPTC15610 RS05210 WP 087685038.1  ....MK...FIENIEDFKNLLNPPSKIYYKGNLELLNA.RKVAIIGSRKMSVYTKNCLVELVTLLKKAKVCVVSGGALGV   72
NTDB id 1239 Cj0634 YP 002344063.1                MASEIL...PDEFLELFKDLKKPPKKLHYKGNLSLLKQ.DKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
consensus                                         * * *     ** ** !* !* !!*!****!** !!    !*!!!!*!****!*!*****!***!***  ***!!!!!!!!!

logo

NTDB id 1210 C694 RS01710 WP 001862983.1          DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSG   160
NTDB id 1081249 UPTC15610 RS05210 WP 087685038.1  DIQAAKIAYPQTIAIFANGLDEIYPKANTNEILNIYENALALSENEGNYKAKPYDFLLRNRLIIALSEVVVIAQADLKSG   152
NTDB id 1239 Cj0634 YP 002344063.1                DITASMAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSG   156
consensus                                         !! !   !*!*!!*****!! !!!* ! **! *!**!*!*!!!*! ***** **!!*!!!!*!!!!**!***!!!*!!!

logo

NTDB id 1210 C694 RS01710 WP 001862983.1          SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAY   240
NTDB id 1081249 UPTC15610 RS05210 WP 087685038.1  SIQSARLALSMNKPIYVLPHRKNESEGTNLLLATKKANLIHDFDEFVK....MFGEFHQEQSEDDLLSFLKHEDDLEKVL   228
NTDB id 1239 Cj0634 YP 002344063.1                SMQSAKLALELNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVS....EFASIDM..NQDEFLEFCKKGVSVDEAL   230
consensus                                         !**!!*!!* **!!**!!!*!**!!**!!*!!    *!**! ** *!*     ***  **   *!**!*****  ******

logo

NTDB id 1210 C694 RS01710 WP 001862983.1          LKFGDKLLEYELLGKIKRINHIVVLA.   266
NTDB id 1081249 UPTC15610 RS05210 WP 087685038.1  KKFGDRVYEYELEGLVEISGVKIRACL   255
NTDB id 1239 Cj0634 YP 002344063.1                KIYGQKVYEYELEGKISIEGLFIRVLA   257
consensus                                         ***!****!!!!*!** * ** ***
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X non conserved

X similar

X ≥50% conserved