```
logo
NTDB id 1210 C694 RS01710 WP 001862983.1        MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
NTDB id 123291 UPTC4110 RS04615 WP 039628422.1  ....MK...FIENIEDFKNLLNPPSKIYYKGNLELLNA.RKVAIIGSRKMSVYTKNCLVELVTLLKKAKVCVVSGGALGV   72
NTDB id 1239 Cj0634 YP 002344063.1              MASEIL...PDEFLELFKDLKKPPKKLHYKGNLSLLKQ.DKTAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
consensus                                       * * *     ** ** !* !* !!*!****!** !!    !*!!!!*!****!*!******!***!***  ***!!!!!!!!

logo
NTDB id 1210 C694 RS01710 WP 001862983.1        DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSG  160
NTDB id 123291 UPTC4110 RS04615 WP 039628422.1  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 123291 UPTC4110 RS04615 WP 039628422.1  SMQSARLALGMNKSIYVLPHRKNESEGTNLLLATKKANLIHDFDEFVK....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 123291 UPTC4110 RS04615 WP 039628422.1  KKFGDRVYEYELEGLVEISGVKIRACL   255
NTDB id 1239 Cj0634 YP 002344063.1              KIYGQKVYEYELEGKISIEGLFIRVLA   257
consensus                                       ***!****!!!!*!** * ** ***
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X non conserved

X similar

X ≥ 50% conserved