```
logo

NTDB id 487 SM12261 RS09370 WP 000866073.1   MKVLILEDVIEHQVRLERILDEISKESNIPISYK.TTGKVREFKEYIENDEVNQLYFLDIDIHGIEKKGFEVAQFIRHHN   79
NTDB id 180642 A2I68 RS08270 WP 046100375.1 MKIIICEDDQQQRAHIEEIINNYIMIEEKPLEIALSTNDPYEVIEYAKNTNDICCYFLDIQLD.ADINGIKLGSELRKFD   79
NTDB id 7 SA RS10585 WP 000688492.1          MKIFICEDDPKQRENMVTIIKNYIMIEEKPMEIALATDNPYEVLEQAKNMNDIGCYFLDIQLS.TDINGIKLGSEIRKHD   79
consensus                                    !!*!*!!!*  **  ** !* ********!******!  **!**!***! *** *!!!!!**   ***!*******!***

logo

NTDB id 487 SM12261 RS09370 WP 000866073.1   PYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQN.IFYTKSMLLENEDVVDYFDYNYKGNDLKIPYHDI   158
NTDB id 180642 A2I68 RS08270 WP 046100375.1 TVGNIVFVTSHSELTYLTFVYKVAAMDFIFKDDPSEMKSRIIDCIETALTRLQLLSKESNVETIELKRGSNSVYVNYDDV   159
NTDB id 7 SA RS10585 WP 000688492.1          PVGNIIFVTSHSELTYLTFVYKVAAMDFIFKDDPAELRTRIIDCLETAHTRLQLLSKDNSVETIELKRGSNSVYVQYDDI   159
consensus                                    ****!*!*!!*!!***!!**!*!*!*!!**!!** !*****!****** !***!!***  !*********!*****!*!*

logo

NTDB id 487 SM12261 RS09370 WP 000866073.1   LYIETTGVSHKLRIIGKNFAKEFYGTMTDIQEKDKHTQRFYSPHKSFLVNIGNIREIDRKNLEIVFYEDHRCPISRLKIR   238
NTDB id 180642 A2I68 RS08270 WP 046100375.1 MFFESSTKSHRLIAHLDNRQIEFYGSLKELSN...IDERFFRCHKSFVINRNNIEEVISKEREIHFKNGEHCYVSVRNLK   236
NTDB id 7 SA RS10585 WP 000688492.1          MFFESSTKSHRLIAHLDNRQIEFYGNLKELSQ...LDDRFFRCHNSFVVNRHNIESIDSKERIVYFKNKEHCYASVRNVK   236
consensus                                    ***!****!!*!*****!***!!!!*******   ***!!***!*!!**!* !!*****!**** !** **!**!*****

logo

NTDB id 487 SM12261 RS09370 WP 000866073.1   KLKDILEKKSQK   250
NTDB id 180642 A2I68 RS08270 WP 046100375.1  KI..........   238
NTDB id 7 SA RS10585 WP 000688492.1          KI..........   238
consensus                                    !*
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X non conserved
X similar
X ≥ 50% conserved