```
logo

NTDB id 300353 DQQ11 RS08495 WP 033098964.1  MIVTIITFIIVFGILVIVHEFGHFYFAKKAGILVREFSVGMGPKAVAFR.RNATTYTLRFLPIGGYVRMAGVADDEDEEL   79
NTDB id 291 STER RS01205 WP 011680685.1      .MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDT.TEI   78
NTDB id 323 STU RS10650 WP 011225396.1       .MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDT.TEI   78
consensus                                     ***!!!!***!***!**!!!!!!*!!!**!!!!!!!**!!!!!**!******!*!!*!*!!*!!!!!!!!***!* *!*

logo

NTDB id 300353 DQQ11 RS08495 WP 033098964.1  KPGTPVSLQIGPDGIVHSINASKKTTLFNGIPLSVTATDLEKELWIEGYENGDESEVKHYAVDHDATIVESDGTEVQIAP   159
NTDB id 291 STER RS01205 WP 011680685.1      KTGSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLG...ETKTYEVDHDATIVEEDGTELRIAP   155
NTDB id 323 STU RS10650 WP 011225396.1       KTGSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLG...ETKTYEVDHDATIVEEDGTELRIAP   155
consensus                                    !*!*!*!!**!*!!*!**!!*!*********!**!!!*!!!**!*!*!***!   !*!*!*!!!!!!!!!!*!!!!**!!!

logo

NTDB id 300353 DQQ11 RS08495 WP 033098964.1  VDVQFQSAKLWQRMLTNFAGPMNNFILAIITFAILAFMQGGVTSTTTHVAATIADSVARTAGIQKGDQIVAVNGKKMTSA   239
NTDB id 291 STER RS01205 WP 011680685.1      KDVQYQNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDW   235
NTDB id 323 STU RS10650 WP 011225396.1       KDVQYQNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDW   235
consensus                                    *!!!*!*!**!*!**!!!!!!!!!!!!!****!*!!!!*!!!!**!*!**********!***!***!!*!!!*!**!*!**

logo

NTDB id 300353 DQQ11 RS08495 WP 033098964.1  QSISLLIQDSPK.....QRLTLTINR.AGQTKKIAVTPAAKTVSGNRIGQIGVQWATKTDTSLGAKLAYGFTGSWGITKQ   313
NTDB id 291 STER RS01205 WP 011680685.1      DSLKEALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQESQ......GSYFLGVSPVLKTGLKDKIFGGFQMAWEGATA   309
NTDB id 323 STU RS10650 WP 011225396.1       DSLKEALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQKSQ......GSYFLGVSPVLKTGLKDKIFGGFQMAWEGATA   309
consensus                                    *!*****************!**!**!**!!***!*!*!* **      !***********!*!**!***!!***!*****

logo

NTDB id 300353 DQQ11 RS08495 WP 033098964.1  IFQVLGRMVTHGFSLNDLGGPVAIFATTSQAAKSGVRTVIYLLAVLSINLGIVNLLPIPALDGGKLLLNIVEGIRGKPLR   393
NTDB id 291 STER RS01205 WP 011680685.1      ILATLKGL.ITNFSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLN   388
NTDB id 323 STU RS10650 WP 011225396.1       ILATLKGL.ITNFSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLN   388
consensus                                    !***!*** ***!!!!*!!!!!!*!****!!**!******!***!!!!!!!*!!*!!!!!!!!!***!!*!*!!*!!!*

logo

NTDB id 300353 DQQ11 RS08495 WP 033098964.1  VETESVITLIGFGLLMLLMILVTWNDIQRYFF   425
NTDB id 291 STER RS01205 WP 011680685.1      QEIESYITLAGVAVMVVLMIAVTWNDIMRAFF   420
NTDB id 323 STU RS10650 WP 011225396.1       QEIESYITLAGVAVMVVLMIAVTWNDIMRAFF   420
consensus                                    *!*!!*!!!*!******!!!*!!!!!!*!*!!
```

X non conserved

X similar

X ≥ 50% conserved