```
logo

NTDB id 1079215 ACJXDE RS05055 WP 002288494.1  MKTILTFIIVFGILVIVHEFGHFFFAKRSGILVREFAIGMGPKIYGHQAKDGTTYTLRLLPIGGYVRMAGNGDDETEMAP   80
NTDB id 291 STER RS01205 WP 011680685.1        MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKT   80
NTDB id 323 STU RS10650 WP 011225396.1         MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKT   80
consensus                                      !!*!*!!***!***!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!**!!!!*!!*!*!!*!!!!!!!!!*!*!*!!***

logo

NTDB id 1079215 ACJXDE RS05055 WP 002288494.1  GMPLSLLLNSDGIVEKINLSKKIQLTNAIPMELSRYDLEDELTITGYVNGDETEVVTYPVDHDATIIENDGTEIRIAPKD  160
NTDB id 291 STER RS01205 WP 011680685.1        GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGET...KTYEVDHDATIVEEDGTELRIAPKD  157
NTDB id 323 STU RS10650 WP 011225396.1         GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGET...KTYEVDHDATIVEEDGTELRIAPKD  157
consensus                                      !*!*!!*!**!!*!**!!!!*******!*!!****!!!!!*!!!!!*!*!**   *!!*!!!!!!!*!*!!!!*!!!!!!

logo

NTDB id 1079215 ACJXDE RS05055 WP 002288494.1  VQFQSAKLWQRMLTNFAGPMNNFILAILLFIILAFMQGGVQVTNTNRVGEIMPNGAAAEAGLKENDEVVSVDGKEIHSWN  240
NTDB id 291 STER RS01205 WP 011680685.1        VQYQNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLI.QVANGGAAQVSGLKTGDAIVAINKDKVTDWD  236
NTDB id 323 STU RS10650 WP 011225396.1         VQYQNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLI.QVANGGAAQVSGLKTGDAIVAINKDKVTDWD  236
consensus                                      !!*!*!**!*!**!!!!!!!!!!!!!**!*!!!!!!*!!!!!*!*!!** ******!!***!!!**!**!*********!*

logo

NTDB id 1079215 ACJXDE RS05055 WP 002288494.1  DLTTVITKNPDKTL.....DFKIE.REGQVQSVDVTPKSVESNGEKVGQLGIKAPMNTGFMDKIIGGTRQAFSGSLEIFK  314
NTDB id 291 STER RS01205 WP 011680685.1        SLKEALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQ..ES..QGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILA  312
NTDB id 323 STU RS10650 WP 011225396.1         SLKEALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQ..KS..QGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILA  312
consensus                                      *!******!**!***************!!*****!*!*  *!  *****!!******!!**!!!*!!***!**!***!**

logo

NTDB id 1079215 ACJXDE RS05055 WP 002288494.1  ALGSLFTGFSLDKLGGPVMMYQLSSEAANQGVTTVISLMALLSMNLGIVNLLPIPALDGGKLVLNIFEGIRGKPLSQEKE  394
NTDB id 291 STER RS01205 WP 011680685.1        TLKGLITNFSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIE  392
NTDB id 323 STU RS10650 WP 011225396.1         TLKGLITNFSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIE  392
consensus                                      *!**!*!*!!!*!!!!!!*!*!*!**!***!******!!**!!*!!!!*!!*!!!!!!!!!!*!*!!*!*!!*!!!*!!*!

logo

NTDB id 1079215 ACJXDE RS05055 WP 002288494.1  GILTLAGFGFLMLLMVLVTWNDIQRFFF   422
NTDB id 291 STER RS01205 WP 011680685.1        SYITLAGVAVMVVLMIAVTWNDIMRAFF   420
NTDB id 323 STU RS10650 WP 011225396.1         SYITLAGVAVMVVLMIAVTWNDIMRAFF   420
consensus                                      ***!!!!******!!**!!!!!!*!*!!
```

X non conserved

X similar

X ≥ 50% conserved