```
logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  MTKLNLCAASIALALSGAALAAPTAPSIDLYGSNNLQFSKIELAMETTAGYNQMVKYHDQATISVKFNQWSGNTGDTYNI   80
NTDB id 1298 VP RS15510 WP 005482861.1       MIRFNLCAAGVALALSGAAVAAPTAPSVDMYGSNNLQFSKIELAMETTSGYYDMVKYHDQAKITVKFNQWSGTPGDTYNI   80
consensus                                    !  *  !!!!!  *!!!!!!!!*!!!!!!!*!*!!!!!!!!!!!!!!!!!!  !!   !!!!!!!!  !*!!!!!!!!  *!!!!!!

logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  YFDGVKVASGPISGSQTAATFQYGKGGLYQMEIEACDATGCAKSAPAEITIADTDGSHLKPLTMNVDPNNKSYNTDPSLV  160
NTDB id 1298 VP RS15510 WP 005482861.1       YFDGVKVATGAITGGQTTATFDYGQGGLYQMEIEACDATGCSKSDPAEITIADTDGSHLKPLTMNVDPNNKTYNTDPSVV  160
consensus                                    !!!!!!!!*!*!*!  !!  !!!  !!  !!!!!!!!!!!!!!!!  !!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!*!

logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  VGTYFVEWGIYGRNYTVDNIPAQNLTHILYGFIPICGPNESVKSVGGNSFNALQTACQGVPDYEVVIHDPWAAYQKSFPQ  240
NTDB id 1298 VP RS15510 WP 005482861.1       MGTYFVEWGIYGRNYTVDNMPADNLTHILYGFIPICGPNESVKSVGGNSFNALQTACRGVPDYEVVIHDPWAAYQKSFPQ  240
consensus                                    *!!!!!!!!!!!!!!!!!!*!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  AGHQYSTPIKGNYAMMMALKQRYPDLKIIPSIGGWTLSDPFFDFVDKKNRDTFVASVKRFLTTWKFYDGVDIDWEFPGGD  320
NTDB id 1298 VP RS15510 WP 005482861.1       AGHEYSTPIKGNYAMLMALKQRNPDLKIIPSIGGWTLSDPFYDFVNKANRDTFVASVKKFLKTWKFYDGVDIDWEFPGGG  320
consensus                                    !!!  !!!!!!!!!!!*!!!!!!  !!!!!!!!!!!!!!!!!!!!*!!!  !  !!!!!!!!!!*!!  !!!!!!!!!!!!!!!!!!

logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  GAAPNLGDPARDGQAYVDLMRELRTMLNELEAETGRTYELTSAIGVGYDKIEDVNYADAIQYMDYIFAMTYDFYGGWNNV  400
NTDB id 1298 VP RS15510 WP 005482861.1       GAAADKGDPVNDGPAYVALMRELRAMLDELEAETGRTYELTSAIGVGYDKIEDVNYADAVQYMDYIFAMTYDFYGGWNNV  400
consensus                                    !!!*  !!!  !!*!!!  !!!!!!  !!  !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  PGHQTALYCGNFMRPGQCDGTGVDENGVPYKGPAYTSDHGIQLLLAQGVPANKLVLGTAMYGRGWEGVMPSTLRDPNDPM  480
NTDB id 1298 VP RS15510 WP 005482861.1       PGHQTALYCGSFMRPGQCDGSGVDENGEAYKGPAYTADNGIQLLLAQGVPANKLVLGTAMYGRGWEGVTPDTLTDPNDPM  480
consensus                                    !!!!!!!!!!  !!!!!!!!!*!!!!!!  *!!!!!!!  !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !  !!  !!!!!!

logo
NTDB id 90373 FORC16 RS15065 WP 060533036.1  TGTATGKLKGSTTQGVWEDGVIDYKGIKSFMLGPNSTGINGFEYGYDDQAEAPYVWNRTTGELITFDDHRSVLAKGAYAK  560
NTDB id 1298 VP RS15510 WP 005482861.1       TGTATGKLKGSTAQGVWEDGVIDYKGIKSFMLGANNTGINGFEYGYDAQAEAPWVWNRTTGELITFDDHRSVLAKGSYAK  560
consensus                                    !!!!!!!!!!!!  !!!!!!!!!!!!!!!!!!!!!*!  !!!!!!!!!!!  !!!!!*!!!!!!!!!!!!!!!!!!!!!!!  !!!
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logo

NTDB id 90373 FORC16 RS15065 WP 060533036.1  SLGLAGLFSWEIDADNGDILNAMHEGLAGGVVIPPNKKPTANAGADVVVVGPATVTLDGSASKDAEGPIASYAWTQVSGP   640
NTDB id 1298 VP RS15510 WP 005482861.1       SLGLAGLFSWEIDADNGDILNAMHEGMAGGVVPQPNRKPTAAAGADQSVTGPASVVLDGSQSKDSDGTIASYAWEQVSGT   640
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!**!!*!!!! !!!!  ! !!!*! !!!! !!! *!*!!!!!! !!!!*

logo

NTDB id 90373 FORC16 RS15065 WP 060533036.1  AVTLTGANTASASFDAPEVTAAQQFTFQLTVTDADGASASDTVVVTVNTK.DTGPVNTAPVAKVTAPATANAGDVVVVDA   719
NTDB id 1298 VP RS15510 WP 005482861.1       AVVLAGANTAKASFDAAEVTVEEQLTFKLTVTDNEGATASDLVVVTVKPAGVVDPVNNAPVAQVVAPATANAGDVVVVDA   720
consensus                                    !! ! !!!!! !!!!!*!!!   ! !! !!!!! *!!*!!! !!!!! * *   !!! !!!! ! !!!!!!!!!!!!!!!

logo

NTDB id 90373 FORC16 RS15065 WP 060533036.1  SASTDADNDTLTYTWQLPAGLVAQTNGAQVTFTAAEYTADTSLTFTVTVSDGQASSVASTTVVVAKKV..DNGGTCSNAW   797
NTDB id 1298 VP RS15510 WP 005482861.1       SASSDADNDTLTFNWTLPQGLNATVNGSKVTFTAAEYPQDTSLSFTVSVSDGKASSSASATVVVAQHTTDPNPGTCDNAW   800
consensus                                    !!!*!!!!!!!!* ! !! !! !  !!  !!!!!!!! * !!!!*!!!*!!!! !!! !! !!!!! * ***!*!!! !!!

logo

NTDB id 90373 FORC16 RS15065 WP 060533036.1  DASAVYTGGQQVTHAGKTWEAKWWTTGEDPSKSGQWGVWKEIGPANCN   845
NTDB id 1298 VP RS15510 WP 005482861.1       DASAVYTGGNQVTHAGKTWEAKWWTQGDDPSKSGEWGVWKEVGVANCN   848
consensus                                    !!!!!!!!!*!!!!!!!!!!!!!!! !*!!!!!! !!!!!!*!*!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved