```
logo

NTDB id 49778 L6486 RS04005 WP 001136261.1  MPQQKNFITMPAQHQNKQPGIESLMSPLPQFEDANYKGSEKLKGKNVLITGGDSGIGRAVSIAFAKEGANVAIAYLDEEEDANET   85
NTDB id 122 BSU 10400 NP 388921.1           .MANQKKKTLPPQHQNQQPGFEYLMDPRPVFDKP..KKAKKLEGKTAIITGGDSGIGRAVSVLFAKEGANVVIVYLNEHQDAEET   82
consensus                                   ** *     !*!*!!!! !!! ! !! ! ! !* ***!    !! !!   *!!!!!!!!!!!!!* !!!!!!!! ! !! !* !! !!

logo

NTDB id 49778 L6486 RS04005 WP 001136261.1  KQRVEKEGVKCVLLPGDLSNEQHCKDIVEETARQLGSLNILVNNVAQQYPQQGLEYITAEQLEKTFRINIFSYFHVTKAALSHLK   170
NTDB id 122 BSU 10400 NP 388921.1           KQYVEKEGVKCLLIAGDVGDEAFCNDVVGQASQVFPSIDILVNNAAEQHVQPSIEKITSHQLIRTFQTNIFSMFYLTKAVLPHLK   167
consensus                                   !! !!!!!!!!*!**!!*   ! *! !*!        *!* !!!!! ! !**!* *! !! *!! *!!   !!!! !**!!! !*!!!

logo

NTDB id 49778 L6486 RS04005 WP 001136261.1  KGDVIINTASIVAYEGNETLIDYSATKGAIVAFTRSLSQSLVQKGIRVNGVAPGPIWTPLIPSSFDEKKVSQFGSNVPMQRPGQP   255
NTDB id 122 BSU 10400 NP 388921.1           KGSSIINTASITAYKGNKTLIDYSATKGAIVTFTRSLSQSLVQQGIRVNAVAPGPIWTPLIPASFAAKDVEVFGSDVPMERPGQP   252
consensus                                   !!   !!!!!!! !! !! !!!!!!!!!!!!! !!!!!!!!!!! !!!!!*!!!!!!!!!!!! !!   ! !   !!! !!! !!!!!

logo

NTDB id 49778 L6486 RS04005 WP 001136261.1  YELAPAYVYLASGDSSYVTGQMIHVNGGVIVNG   288
NTDB id 122 BSU 10400 NP 388921.1           VEVAPSYLYLASDDSTYVTGQTIHVNGGTIVNG   285
consensus                                    !*!! !*!!!! !!*!!!!! !!!!!! !!!!
```

X non conserved

X similar

X $\geq$ 50% conserved