```
logo
NTDB id 1127438 FGK97 RS07160 WP 003026183.1  MKKYIFMRILRSLVSIFMVTTLTYTIIYTMVPRKLIFKQDPNYNKIATTPDKKANYENTIFERMGYIDYYDTKELQEKAS   80
NTDB id 476 HSISS4 RS06995 WP 013990225.1    MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERMGYIDYYDTKELQEKAS   80
NTDB id 325 STU RS16125 WP 002946410.1       MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKAS   80
NTDB id 293 STER RS06925 WP 011681416.1      MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKAS   80
consensus                                    !!!!!**!*!!!!*!!!*!!*!!!!!!!!!!!!!*!!!*!!!!!!!!!!*!*!*!!!!!!!!!*!!*!!!!!!!!!!!!!!!!

logo
NTDB id 1127438 FGK97 RS07160 WP 003026183.1  KENSSVTVEPTNANKKIYEAYIKKLGRGWKLQQFKESKQFYATREVPVYERVLGFYGNLIQIDHTGAVKDASNPNLKRYI  160
NTDB id 476 HSISS4 RS06995 WP 013990225.1    SLDKSVTTKPTKENKAIYQKYVDSLGHGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYI  160
NTDB id 325 STU RS16125 WP 002946410.1       SLDKSVTTKPTKENKAIYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYI  160
NTDB id 293 STER RS06925 WP 011681416.1      SLDKSVTTKPTKENKAVYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYI  160
consensus                                    ****!!!**!!**!!**!**!***!!*!!*!*!!!*!!!!!!!!*!!!*!!!*!!!**!***!*!!*!!!**!!!!!!!!

logo
NTDB id 1127438 FGK97 RS07160 WP 003026183.1  RIENDPAIGWSVVGSGTRHKYLLYFNSQFPFIHQNFVRLNLGTSYPTYANLPVLQVISQGQGQTKTSEVQFPTGKKTSSV  240
NTDB id 476 HSISS4 RS06995 WP 013990225.1    RIENDPAIGWSVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTQSSEVNFPTGKKVSSV  240
NTDB id 325 STU RS16125 WP 002946410.1       RIENDPAIGWSVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTKSSVVNFPTGKKISSV  240
NTDB id 293 STER RS06925 WP 011681416.1      RIENDPAIGWSVVGSGTKHKYLLYFNGQFPFVHQNFVKMNLGTSYPTYAGQGVLDVITQGQGQTKSSVVNFPTGKKISSV  240
consensus                                    !!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!*!!!!!**!!!!!!!!!!***!!*!!*!!!!!!**!  !*!!!!!!*!!!

logo
NTDB id 1127438 FGK97 RS07160 WP 003026183.1  NIYTRTYKSPKQADARDVANYGKDDPYTATESNYQYPSMIVSSSIVGLIGLALSYLIAVPLGSYMARFKNTLFDSISTGA  320
NTDB id 476 HSISS4 RS06995 WP 013990225.1    DIYSRTYKSPSQADARDRSYYG.DDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMARFKNTLFDSVSTGI  319
NTDB id 325 STU RS16125 WP 002946410.1       DIYSRTYKSPSQADARDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTIFDSVSTGV  319
NTDB id 293 STER RS06925 WP 011681416.1      DIYSRTYKSPSQADARDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTLFDSVSTGV  319
consensus                                    *!!*!!!!!!*!!!!!!***!!  !!!!!!*!*!!!!!!**!!*!*!!!!!*!!!**!*!!!!!!!  !!!!*!!!*!!!*

logo
NTDB id 1127438 FGK97 RS07160 WP 003026183.1  LTFLMSLPTIALVYIIRLIGSAIGLPDSFPILGAGDWRSYVLPAVILGLLSAPWTAVWIRRYMIDLQSQDFVRFARAKGL  400
NTDB id 476 HSISS4 RS06995 WP 013990225.1    LTFLLSLPTIALVYIIRLIGSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGL  399
NTDB id 325 STU RS16125 WP 002946410.1       LTFLLSLPTIALVYIIRLIGSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGL  399
NTDB id 293 STER RS06925 WP 011681416.1      LTFLLSLPTIALVYIIRLIGSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGL  399
consensus                                    !!!!*!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!*!**!*!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1127438 FGK97 RS07160 WP 003026183.1  SEKEISNKHIFKNAMVPLVSSIPNSVIGVITGATLTETVFAFPGMGKMLIDSVKASNNSMVVGLVFIFTCLSIFALLLGD  480
NTDB id 476 HSISS4 RS06995 WP 013990225.1    SEQEISNKHIFKNAMVSLVSGIPASIVSVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALTIFSLLVGD  479
NTDB id 325 STU RS16125 WP 002946410.1       SEQEISNKHILKNAMVSLVSGIPASIVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGD  479
NTDB id 293 STER RS06925 WP 011681416.1      SEQEISNKHILKNAMVSLVSGIPASIVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGD  479
consensus                                    !!*!!!!!!!!  !!!!!*!!!*!!*!***!!!!!!!!!!*!!*!!!!!!!!!!!!*!!!!*!!!!!!!!!!!*!*!!*!!*!!
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logo

NTDB id 1127438 FGK97 RS07160 WP 003026183.1  ILMTVLDPRIKLTSKGGK   498
NTDB id 476 HSISS4 RS06995 WP 013990225.1     ILMTMIDPRIKLTSKGGK   497
NTDB id 325 STU RS16125 WP 002946410.1        ILMTIIDPRIKLTSKGGK   497
NTDB id 293 STER RS06925 WP 011681416.1       ILMTIIDPRIKLTSKGGK   497
consensus                                     !!!!**!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved