```
logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPERYSKL   79
NTDB id 455 SSU RS00330 WP 012774888.1     .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPERYSKL   79
NTDB id 465 SSU05 0053 ABP89025.1          MEVWFMNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPERYSKL   84
NTDB id 45 SMU RS00375 WP 002263400.1      ......MLKDFGKKIKSLRLEKGLTKEAVCLDESQLSTRQLTRIESGQSTPTLNKAVYIAGRLGVTLGYLTDGENVELPSRYKEL   79
NTDB id 555 STRINF RS01865 WP 174221231.1  ................MREEKEISREEFCGDETELSVRQLARIELNQSIPNLSKASFIANRLGVKLGTLTDGDSLELPKRYKEL   68
consensus                                  *************!*******!**!*!!**!!*!!!*!!!***!*!***!***!!*!!!**!**!* *****!!*!!**!
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logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIVVDTLCSLFDVLDTDSQEYGKEILDDYLHQSYHRSKLSINDLMIL   164
NTDB id 455 SSU RS00330 WP 012774888.1     KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKRKYELNDLLIV   164
NTDB id 465 SSU05 0053 ABP89025.1          KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKRKYELNDLLIV   169
NTDB id 45 SMU RS00375 WP 002263400.1      KYLLLRTPTYGDQQRLAEKETYFDEIFSQFYDDLPEEEQLIIDGLQSKLDIHFSDNIDFGVGILNDYFDQILRKTNYQVNDLILI   164
NTDB id 555 STRINF RS01865 WP 174221231.1  KYLLLRTPTYGDQVRLDRKNDYFDEIAEVFYDVIPEEERLIIDCLQSKFDVHFSEDVNFGEGILNDYFGQVNRKKVFTINDLILI   153
consensus                                  !***!!!!!!!*************!!****!!**!!!!****!***!**!******  *!**!!*!!**!******* *!!!***
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logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   RLFIEHCQLEDLSVGTSNYALFTDLIEKLPQSIYDVHSESLFIVRDLFLAIVRILFSKELYNHIPVYIEKIENIMELSQDFQKKP   249
NTDB id 455 SSU RS00330 WP 012774888.1     RLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   247
NTDB id 465 SSU05 0053 ABP89025.1          RLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   252
NTDB id 45 SMU RS00375 WP 002263400.1      DLYFSCLTVSGLDSAIFDSRKYNQLLETLLKQVDCLPLEDLFVLNNVLLNNFGLLLELKKYDFVKQLIAVSNKIMDRTHDFQKKP   249
NTDB id 555 STRINF RS01865 WP 174221231.1  DLYFACLSSAKKFEGIYSLDFYDDLMKRLVNQKHVSPETD.LIILNNVLLNNIDLAFQFKREYYIERVITISEKIMTEIHDFQRRP   237
consensus                                  *!*** * **    **  ** *  *** !  ** ** * *********!  * ** *** ** ****** ***!*  **!!!**!
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logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   ILNLVKWKYELKVQHNHEIAERYYNEAITFASLLNQFHLKEKLQMEWEKDTQSLKR   305
NTDB id 455 SSU RS00330 WP 012774888.1     IVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   299
NTDB id 465 SSU05 0053 ABP89025.1          IVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   304
NTDB id 45 SMU RS00375 WP 002263400.1      IVNLLTWKHHLFVEKDYAEAKKSYDAAILFAQLTENINLRENLEKEWQKDSQNGT.   304
NTDB id 555 STRINF RS01865 WP 174221231.1  ILSLVEWKYYLKLKHDFALAEQSFTNATLFARLVGDTYLENKLKEEWQLDIDAVE.   292
consensus                                  !*****!!* !***** **!** * *!**!!*!***  !*******! *! *
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X non conserved

X similar

X ≥50% conserved