```
logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPERYSKL   79
NTDB id 58600 TL13 RS00330 WP 015646238.1  .....MNDKEFGQRVRQLRENASLTREQFCDDELELSVRQLTRIEAGTSKPTFSKIQYIATRLGMGLYELM.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 443 SPYM3 RS00325 WP 011054099.1   ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKEL   79
NTDB id 45 SMU RS00375 WP 002263400.1      ......MLKDFGKKIKSLRLEKGLTKEAVCLDESQLSTRQLTRIESGQSTPTLNKAVYIAGRLGVTLGYLTDGENVELPSRYKEL   79
NTDB id 555 STRINF RS01865 WP 174221231.1  ................MREEKEISREEFCGDETELSVRQLARIELNQSIPNLSKASFIANRLGVKLGTLTDGDSLELPKRYKEL   68
consensus                                  *************!* *****!**!*!!**!!*!!!*!!!** !*!***!***!!**!******!* *****!!*!!**!

logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIVVDTLCSLFDVLDTDSQEYGKEILDDYLHQSYHRSKLSINDLMIL   164
NTDB id 58600 TL13 RS00330 WP 015646238.1  KFDVLRTPTYGNEELVEKRDAIMTEIYDDYYDDLPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKQKYEVNDLLII   164
NTDB id 455 SSU RS00330 WP 012774888.1     KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKRKYELNDLLIV   164
NTDB id 465 SSU05 0053 ABP89025.1          KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKRKYELNDLLIV   169
NTDB id 443 SPYM3 RS00325 WP 011054099.1   KYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKSIYNLNELLLI   164
NTDB id 45 SMU RS00375 WP 002263400.1      KYLLLRTPTYGDQQRLAEKETYFDEIFSQFYDDLPEEEQLIIDGLQSKLDIHFSDNIDFGVGILNDYFDQILRKTNYQVNDLILI   164
NTDB id 555 STRINF RS01865 WP 174221231.1  KYLLLRTPTYGDQVRLDRKNDYFDEIAEVFYDVIPEEERLIIDCLQSKFDVHFSEDVNFGEGILNDYFGQVNRKKVFTINDLILI   153
consensus                                  !***!!!!!!*************!!****!!**!!!!****!************  *!**!!*****!**** ** *!*!***

logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   RLFIEHCQLEDLSVGTSNYALFTDLIEKLPQSIYDVHSESLFIVRDLFLAIVRILFSKELYNHIPVYIEKIENIMELSQDFQKKP   249
NTDB id 58600 TL13 RS00330 WP 015646238.1  RLQLEYVRLSS..SDSEIFGQFLKIIEYLHGQIDIINSSDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   247
NTDB id 455 SSU RS00330 WP 012774888.1     RLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   247
NTDB id 465 SSU05 0053 ABP89025.1          RLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   252
NTDB id 443 SPYM3 RS00325 WP 011054099.1   DLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQLSHFIMSTIQDFQKMP   249
NTDB id 45 SMU RS00375 WP 002263400.1      DLYFSCLTVSGLDSAIFDSRKYNQLLETLLKQVDCLPLEDLFVLNNVLLNNFGLLLELKKYDFVKQLIAVSNKIMDRTHDFQKKP   249
NTDB id 555 STRINF RS01865 WP 174221231.1  DLYFACLSSAKKFEGIYSLDFYDDLMKRLVNQKHVSPETD.LILNNVLLNNIDLAFQFKREYYIERVITISEKIMTEIHDFQRRP   237
consensus                                  *!*** * **    **  *  *  *** *  ** ** * *********!*** ** *** ** ****** ***!* ***!!!**!

logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1   ILNLVKWKYELKVQHNHEIAERYYNEAITFASLLNQFHLKEKLQMEWEKDTQSLKR   305
NTDB id 58600 TL13 RS00330 WP 015646238.1  IVSVLKWKYALFVNKDRGEAEKHYLDAMLFAKLIENRELEQKIEEDWKVDNQ....   299
NTDB id 455 SSU RS00330 WP 012774888.1     IVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   299
NTDB id 465 SSU05 0053 ABP89025.1          IVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   304
NTDB id 443 SPYM3 RS00325 WP 011054099.1   MYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI..   303
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