```
logo
NTDB id 455 SSU RS00330 WP 012774888.1      .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPERYSKL   79
NTDB id 465 SSU05 0053 ABP89025.1           MEVWFMNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPERYSKL   84
NTDB id 27831 SPYM RS00320 WP 011888526.1   ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKEL   79
NTDB id 443 SPYM3 RS00325 WP 011054099.1    ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKEL   79
NTDB id 451 SPYM18 RS00325 WP 002986681.1   ......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 455 SSU RS00330 WP 012774888.1      KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKRKYELNDLLIV   164
NTDB id 465 SSU05 0053 ABP89025.1           KFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKRKYELNDLLIV   169
NTDB id 27831 SPYM RS00320 WP 011888526.1   KYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKSIYNLNELLLI   164
NTDB id 443 SPYM3 RS00325 WP 011054099.1    KYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKSIYNLNELLLI   164
NTDB id 451 SPYM18 RS00325 WP 002986681.1   KYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKIIIDCLQATLDTLLSENTNFGIDLLQEYFNQIKTKVRFRQNDLILL   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 455 SSU RS00330 WP 012774888.1      RLHLEYVRLSSCDSEIFRQ..FLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   247
NTDB id 465 SSU05 0053 ABP89025.1           RLHLEYVRLSSCDSEIFRQ..FLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDSVDKIIQSTQDFQKKP   252
NTDB id 27831 SPYM RS00320 WP 011888526.1   DLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGRLKETLQLSHFIMSTIQDFQKMP   249
NTDB id 443 SPYM3 RS00325 WP 011054099.1    DLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQLSHFIMSTIQDFQKMP   249
NTDB id 451 SPYM18 RS00325 WP 002986681.1   ELYLAYLDIEGMDGQYSDKIFYDSLLDNLSEQFEQFELDELFIVNKIIIDISSLSLKNNRLDNLEKAIEMSQKIMAKIQDWNRMP   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 455 SSU RS00330 WP 012774888.1      IVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ...   299
NTDB id 465 SSU05 0053 ABP89025.1           IVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ...   304
NTDB id 27831 SPYM RS00320 WP 011888526.1   MYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI.   303
NTDB id 443 SPYM3 RS00325 WP 011054099.1    MYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI.   303
NTDB id 451 SPYM18 RS00325 WP 002986681.1   ILKLIEWKYFLIKQKDIIKAEQSFMKACLFAQMTADQYLENKLIQEWEKDVKSY.   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