```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 458 SSUD9 RS00355 WP 002935296.1        .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE    74
NTDB id 1129574 GPW69 RS00365 WP 074391038.1    .....MNDKEFGQRVRQLRETASLTREQFCGDELELSVRQLTRIEAGTSKPTFSKIQYIATRLGMGLYELM.PDYVSLPE    74
NTDB id 455 SSU RS00330 WP 012774888.1          .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE    74
NTDB id 465 SSU05 0053 ABP89025.1               MEVWFMNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE    79
NTDB id 443 SPYM3 RS00325 WP 011054099.1        ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPK    74
NTDB id 45 SMU RS00375 WP 002263400.1           ......MLKDFGKKIKSLRLEKGLTKEAVCLDESQLSTRQLTRIESGQSTPTLNKAVYIAGRLGVTLGYLTDGENVELPS    74
NTDB id 555 STRINF RS01865 WP 174221231.1       ..................MREEKEISREEFCGDETELSVRQLARIELNQSIPNLSKASFIANRLGVKLGTLTDGDSLELPK    63
consensus                                          **************!******!**! !!**!!*!!!*!!!** !*!***!***!!**!******!* *****!!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 458 SSUD9 RS00355 WP 002935296.1        RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIVVDTLCSLFDVLDTDSQEYGKEILDDYLHQSYHRS   154
NTDB id 1129574 GPW69 RS00365 WP 074391038.1    RYSKLKFDVLRTPTYGNEELVEKRDAIMTEIYDDYYDDLPEEEKVAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKQ   154
NTDB id 455 SSU RS00330 WP 012774888.1          RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKR   154
NTDB id 465 SSU05 0053 ABP89025.1               RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKR   159
NTDB id 443 SPYM3 RS00325 WP 011054099.1        RYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKS   154
NTDB id 45 SMU RS00375 WP 002263400.1           RYKELKYLLLRTPTYGDQQRLAEKETYFDEIFSQFYDDLPEEEQLIIDGLQSKLDIHFSDNIDFGVGILNDYFDQILRKT   154
NTDB id 555 STRINF RS01865 WP 174221231.1       RYKELKYLLLRTPTYGDQVRLDRKNDYFDEIAEVFYDVIPEEERLIIDCLQSKFDVHFSEDVNFGEGILNDYFGQVNRKK   143
consensus                                       !!**!!***!!!!!!*************!!****!!**!!!!****!************  *!**!!*****!****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 458 SSUD9 RS00355 WP 002935296.1        KLSINDLMILRLFIEHCQLEDLSVGTSNYALFTDLIEKLPQSIYDVHSESLFIVRDLFLAIVRILFSKELYNHIPVYIEK   234
NTDB id 1129574 GPW69 RS00365 WP 074391038.1    KYEVNDLLIIRLQLEYVRLSS..SDSEIFGQFLKIIEYLHGQIDIINSSDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   232
NTDB id 455 SSU RS00330 WP 012774888.1          KYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   232
NTDB id 465 SSU05 0053 ABP89025.1               KYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   237
NTDB id 443 SPYM3 RS00325 WP 011054099.1        IYNLNELLLIDLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQL   234
NTDB id 45 SMU RS00375 WP 002263400.1           NYQVNDLILIDLYFSCLTVSGLDSAIFDSRKYNQLLETLLKQVDCLPLEDLFVLNNVLLNNFGLLLELKKYDFVKQLIAV   234
NTDB id 555 STRINF RS01865 WP 174221231.1       VFTINDLILIDLYFACLSSAKKFEGIYSLDFYDDLMKRLVNQKHVSPETD.LILNNVLLNNIDLAFQFKREYYIERVITI   222
consensus                                       ** *!*!****!***  * **    **  *  *  *** *  ** ** * *********!***  ** ***  ** ******

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 458 SSUD9 RS00355 WP 002935296.1        IENIMELSQDFQKKPILNLVKWKYELKVQHNHEIAERYYNEAITFASLLNQFHLKEKLQMEWEKDTQSLKR   305
NTDB id 1129574 GPW69 RS00365 WP 074391038.1    VDKIIQLTQDFQKKPIVSVLKWKYALFVNKDRGEAEKHYLDAMLFAKLIENRELEEKIEEDWKVDNQ....   299
NTDB id 455 SSU RS00330 WP 012774888.1          VDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   299
NTDB id 465 SSU05 0053 ABP89025.1               VDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   304
NTDB id 443 SPYM3 RS00325 WP 011054099.1        SHFIMSTIQDFQKMPMYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI..   303
NTDB id 45 SMU RS00375 WP 002263400.1           SNKIMDRTHDFQKKPIVNLLTWKHHLFVEKDYAEAKKSYDAAILFAQLTENINLRENLEKEWQKDSQNGT.   304
NTDB id 555 STRINF RS01865 WP 174221231.1       SEKIMTEIHDFQRRPILSLVEWKYYLKLKHDFALAEQSFTNATLFARLVGDTYLENKLKEEWQLDIDAVE.   292
consensus                                       ***!*  **!!!**!******!!* *** **  *!** * ****!******  !*******! *! *
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X non conserved

X similar

X ≥ 50% conserved