```
logo
NTDB id 455 SSU RS00330 WP 012774888.1      .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE   74
NTDB id 465 SSU05 0053 ABP89025.1           MEVWFMNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE   79
NTDB id 451 SPYM18 RS00325 WP 002986681.1   ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPK   74
NTDB id 387874 FOB62 RS05010 WP 003060893.1 ......MLEHFGEKVRGLRLEKGISREELCGDEAELSVRQLARIELGQSIPSLAKVIFIAKALEVSVGYLTDGANLELPK   74
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                                     **  ** *** *!*** ***!**!*!!**!!*!!!*!!!***!*!***!***!! *!******!**** **!!*
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logo
NTDB id 455 SSU RS00330 WP 012774888.1      RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKR   154
NTDB id 465 SSU05 0053 ABP89025.1           RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRKR   159
NTDB id 451 SPYM18 RS00325 WP 002986681.1   RYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKIIIDCLQATLDTLLSENTNFGIDLLQEYFNQIKTKV   154
NTDB id 387874 FOB62 RS05010 WP 003060893.1 RYKELKYLILRTPTYMDDRKLQVRESQFDEIFENYYDQLPEEEKIAIDIIQAKFEVYQTGDINFGFNILKEFLPQLKKKT   154
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                                  !!**!!***!!!!!!*** **  **  **!!****!! *!!!!***! *!*****  ** **!!  *! *** !* *!
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logo
NTDB id 455 SSU RS00330 WP 012774888.1      KYELNDLLIVRLHLEYVRLSSCDSEIFRQ..FLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   232
NTDB id 465 SSU05 0053 ABP89025.1           KYELNDLLIVRLHLEYVRLSSCDSEIFRQ..FLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   237
NTDB id 451 SPYM18 RS00325 WP 002986681.1   RFRQNDLILLELYLAYLDIEGMDGQYSDKIFYDSLLDNLSEQFEQFELDELFIVNKIIIDISSLSLKNNRLDNLEKAIEM   234
NTDB id 387874 FOB62 RS05010 WP 003060893.1 VYNLNELLLIDLYLIILVVSNFTNDLFDEEFYKEITERILEQHQYLLLEDLFLLNNILLSCADTSIRLKMFERLKDTLQL   234
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                                   * *!*!****!**  * **  * ****  **  *** ***! * * ************** * *  * ** * *** *
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logo
NTDB id 455 SSU RS00330 WP 012774888.1      VDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ...   299
NTDB id 465 SSU05 0053 ABP89025.1           VDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ...   304
NTDB id 451 SPYM18 RS00325 WP 002986681.1   SQKIMAKIQDWNRMPILKLIEWKYFLIKQKDIIKAEQSFMKACLFAQMTADQYLENKLIQEWEKDVKSY.   303
NTDB id 387874 FOB62 RS05010 WP 003060893.1 SHFIMSTIQDFQRMPMYCMYEWKLSIFYLKDIKRAETYFSQSLTFTQMTNDSYLAQKLQKEWDKDIHPS.   303
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