logo

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NTDB id 458 SSUD9 RS00355 WP 002935296.1        .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.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 451 SPYM18 RS00325 WP 002986681.1       ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPK   74
NTDB id 443 SPYM3 RS00325 WP 011054099.1        ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPK   74
NTDB id 1113405 A3I7 RS0103670 WP 018375431.1   ......MINQFGEKVRYLREQREIPREEFCGDETELSVRQLARIETG.SLPNLSKAQFIASRLGVQLGELTDEKSLEPPK   73
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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NTDB id 458 SSUD9 RS00355 WP 002935296.1        RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIVVDTLCSLFDVLDTDSQEYGKEILDDYLHQSYHRS   154
NTDB id 455 SSU RS00330 WP 012774888.1          RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFCKEILEDYFEQIFRKR   154
NTDB id 465 SSU05 0053 ABP89025.1               RYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFCKEILEDYFEQIFRKR   159
NTDB id 451 SPYM18 RS00325 WP 002986681.1       RYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKIIIDCLQATLDTLLSENTNFGIDLLQEYFNQIKTKV   154
NTDB id 443 SPYM3 RS00325 WP 011054099.1        RYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFCYSILKEFLPQLKRKS   154
NTDB id 1113405 A3I7 RS0103670 WP 018375431.1   RYKELKYLILRTPLYAEPERIKTREEQLDEVSEVFYDTLPEYEQLVIDCLQAKLDIHMSNNISFCLGIIDDYFEQITKKN   153
NTDB id 45 SMU RS00375 WP 002263400.1           RYKELKYLLLRTPTYGDQQRLAEKETYFDEIFSQFYDDLPEEEQLIIDGLQSKLDIHFSDNIDFCVGILNDYFDQILRKT   154
NTDB id 555 STRINF RS01865 WP 174221231.1       RYKELKYLLLRTPTYGDQVRLDRKNDYFDEIAEVFYDVIPEEERLIIDCLQSKFDVHFSEDVNFCGEILNDYFGQVNRKK   143
consensus                                        !!**!!***!!!!*!*** **  **   *!*****!! *!!*!****! *******  *    *!  ** *** !* **
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NTDB id 458 SSUD9 RS00355 WP 002935296.1        KLSINDLMILRLFIEHCQLEDLSVGTSNYALFTDLIEKLPQSIYDVHSESLFIVRDLFLAIVRILFSKELYNHIPVYIEK   234
NTDB id 455 SSU RS00330 WP 012774888.1          KYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   232
NTDB id 465 SSU05 0053 ABP89025.1               KYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFDS   237
NTDB id 451 SPYM18 RS00325 WP 002986681.1       RFRQNDLILLELYLAYLDIEGMDGQYSDKIFYDSLLDNLSEQFEQFELDELFIVNKIIIDISSLSLKNNRLDNLEKAIEM   234
NTDB id 443 SPYM3 RS00325 WP 011054099.1        IYNLNFLLLIDLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQL   234
NTDB id 1113405 A3I7 RS0103670 WP 018375431.1   NYSLNDLVVIDIYFMSIISEIKKGESASLKDFNKLVNNLIEQRDNFNIETLFVLNNLLIHACGVYLEIANIFKIEMLIKI   233
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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NTDB id 458 SSUD9 RS00355 WP 002935296.1        IENIMELSQDFQKKPILNLVKWKYELKVQHNHEIAERYYNEAITFASLLNQFHLKEKLQMEWEKDTQSLKR   305
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 443 SPYM3 RS00325 WP 011054099.1        SHFIMSTIQDFQKMPMYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI..   303
NTDB id 1113405 A3I7 RS0103670 WP 018375431.1   CERIMSKIQDFQKSPILNMIEWKLSLQLLKDKKRAEACYSKALLFSNIMEDEYLETKLQEEWQKDCAT...   301
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