```
logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1        .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGM..GLYELMPDYVSLP   73
NTDB id 34641 SSUBM407 RS00325 WP 012775468.1   .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLGLYELMPDYVSLP   75
NTDB id 455 SSU RS00330 WP 012774888.1          .....MNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGM..GLYELMPDYVSLP   73
NTDB id 465 SSU05 0053 ABP89025.1               MEVWFMNDKEFGQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKIQYIATRLGM..GLYELMPDYVSLP   78
NTDB id 45 SMU RS00375 WP 002263400.1           ......MLKDFGKKIKSLRLEKGLTKEAVCLDESQLSTRQLTRIESGQSTPTLNKAVYIAGRLGVTLGYLT.DGENVELP   73
NTDB id 443 SPYM3 RS00325 WP 011054099.1        ......MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLT.DGADLELP   73
consensus                                            *****!!*****!!*******!**!*!!**!!*!!!*!!!*!*!*!***!***!!**!**  !**********!!

logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1        ERYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIVVDTLCSLFDVLDTDSQEYGKEILDDYLHQSYHR   153
NTDB id 34641 SSUBM407 RS00325 WP 012775468.1   ERYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRK   155
NTDB id 455 SSU RS00330 WP 012774888.1          ERYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRK   153
NTDB id 465 SSU05 0053 ABP89025.1               ERYSKLKFDVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIAIDAIQSRIDTLESGTAGFGKEILEDYFEQIFRK   158
NTDB id 45 SMU RS00375 WP 002263400.1           SRYKELKYLLLRTPTYGDQQRLAEKETYFDEIFSQFYDDLPEEEQLIIDGLQSKLDIHFSDNIDFGVGILNDYFDQILRK   153
NTDB id 443 SPYM3 RS00325 WP 011054099.1        KRYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRK   153
consensus                                       *!!**!!***!!!!!!*************!!****!!*!!!!!****!******* *****  *!**!!*****!****

logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1        SKLSINDLMILRLFIEHCQLEDLSVGTSNYALFTDLIEKLPQSIYDVHSESLFIVRDLFLAIVRILFSKELYNHIPVYIE   233
NTDB id 34641 SSUBM407 RS00325 WP 012775468.1   RKYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFD   233
NTDB id 455 SSU RS00330 WP 012774888.1          RKYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFD   231
NTDB id 465 SSU05 0053 ABP89025.1               RKYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKIIEHLHEQINIINSNDLFVLRDTLLSCVNILGSKKYYEPIPKIFD   236
NTDB id 45 SMU RS00375 WP 002263400.1           TNYQVNDLILIDLYFSCLTVSGLDSAIFDSRKYNQLLETLLKQVDCLPLEDLFVLNNVLLNNFGLLLELKKYDFVKQLIA   233
NTDB id 443 SPYM3 RS00325 WP 011054099.1        SIYNLNELLLIDLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQ   233
consensus                                        ** *!*!****! ** * **    **  ** *  **! *  *** * * *!!**** *!*** ** *** ** ** * *

logo
NTDB id 458 SSUD9 RS00355 WP 002935296.1        KIENIMELSQDFQKKPILNLVKWKYELKVQHNHEIAERYYNEAITFASLLNQFHLKEKLQMEWEKDTQSLKR   305
NTDB id 34641 SSUBM407 RS00325 WP 012775468.1   SVDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   301
NTDB id 455 SSU RS00330 WP 012774888.1          SVDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   299
NTDB id 465 SSU05 0053 ABP89025.1               SVDKIIQSTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIEEDWRVDNQ....   304
NTDB id 45 SMU RS00375 WP 002263400.1           VSNKIMDRTHDFQKKPIVNLLTWKHHLFVEKDYAEAKKSYDAAILFAQLTENINLRENLEKEWQKDSQNGT.   304
NTDB id 443 SPYM3 RS00325 WP 011054099.1        LSHFIMSTIQDFQKMPMYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI..   303
consensus                                        ***!* ***!!!!*!** ***!!* ****** **!** * ****!* ****  ! **** *!  ! *
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X non conserved

X similar

X ≥ 50% conserved