```
logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKELK   80
NTDB id 1118250 ELZ51 RS00370 WP 126425593.1 MLEHFGEKVRGLRLEKGISREELCGDEAELSVRQLARIELGQSIPSLAKVIFIAKALEVSVGYLTDGANLELPKRYKELK   80
NTDB id 451 SPYM18 RS00325 WP 002986681.1    MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKELK   80
NTDB id 45 SMU RS00375 WP 002263400.1        MLKDFGKKIKSLRLEKGLTKEAVCLDESQLSTRQLTRIESGQSTPTLNKAVYIAGRLGVTLGYLTDGENVELPSRYKELK   80
NTDB id 555 STRINF RS01865 WP 174221231.1    ...........MREEKEISREEFCGDETELSVRQLARIELNQSIPNLSKASFIANRLGVKLGTLTDGDSLELPKRYKELK   69
consensus                                    ****** *** *!*!! ***!**!*!!**!!*!!!*!!!**!!*!*!***!!**! !**!*!!!!* *!!!*!!!!!!

logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      YLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKSIYNLNE  160
NTDB id 1118250 ELZ51 RS00370 WP 126425593.1 YLILRTPTYMDDGKLQVRESQFDEIFENYYDQLPEEEKLIIECLQATLDTLLSENINFGVELLQEYFKQTKVKLRFKQND  160
NTDB id 451 SPYM18 RS00325 WP 002986681.1    YLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKIIIDCLQATLDTLLSENTNFGIDLLQEYFNQIKTKVRFRQND  160
NTDB id 45 SMU RS00375 WP 002263400.1        YLLLRTPTYGDQQRLAEKETYFDEIFSQFYDDLPEEEQLIIDGLQSKLDIHFSDNIDFGVGILNDYFDQILRKTNYQVND  160
NTDB id 555 STRINF RS01865 WP 174221231.1    YLLLRTPTYGDQVRLDRKNDYFDEIAEVFYDVTPEEERLIIDCLQSKFDVHFSEDVNFGEGILNDYFGQVNRKKVFTIND  149
consensus                                    !!*!!!!!!*!***!*****!!!!** *!! *!!!!*******!*****  *****!!* *!**** !***!  * *!*

logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      LLLIDLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQLSHFIMS  240
NTDB id 1118250 ELZ51 RS00370 WP 126425593.1 LILIELYLAYLDIEGMYGEYSDKVFYDSLLDNLLKQFDDFELDELFIVNKIIIDISSLSIKTNKLDNLEKTIAISQKIMT  240
NTDB id 451 SPYM18 RS00325 WP 002986681.1    LILLELYLAYLDIEGMDGQYSDKIFYDSLLDNLSEQFEQFELDELFIVNKIIIDISSLSLKNNRLDNLEKAIEMSQKIMA  240
NTDB id 45 SMU RS00375 WP 002263400.1        LILIDLYFSCLTVSGLDSAIFDSRKYNQLLETLLKQVDCLPLEDLFVLNNVLLNNFGLLLELKKYDFVKQLIAVSNKIMD  240
NTDB id 555 STRINF RS01865 WP 174221231.1    LILIDLYFACLSSAKKFEGIYSLDFYDDLMKRLVNQKHVSPETD.LILNNVLLNNIDLAFQFKREYYIERVITISEKIMT  228
consensus                                    !*!**!!** ! * **   ***  *!* *** ***! *   *******!****    * ** ** * *** * *!**!!*

logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      TIQDFQKMPMYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI.   303
NTDB id 1118250 ELZ51 RS00370 WP 126425593.1 KIQDWNRMPILKLIEWKYFLIKQKNRKQAEESYTKACLFAQITGDKYLEEQLIKEWEKDICAY.   303
NTDB id 451 SPYM18 RS00325 WP 002986681.1    KIQDWNRMPILKLIEWKYFLIKQKDIIKAEQSFMKACLFAQMTADQYLENKLIQEWEKDVKSY.   303
NTDB id 45 SMU RS00375 WP 002263400.1        RTHDFQKKPIVNLLTWKHHLFVEKDYAEAKKSYDAAILFAQLTENINLRENLEKEWQKDSQNGT   304
NTDB id 555 STRINF RS01865 WP 174221231.1    EIHDFQRRPILSLVEWKYYLKLKHDFALAEQSFTNATLFARLVGDTYLENKLKEEWQLDIDAVE   292
consensus                                    ***!****!** ***!!***    **    !****  * !!****** *!***!  !!**!*
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X non conserved

X similar

X ≥50% conserved