```
logo
NTDB id 233215 CDH83 RS10445 WP 000912100.1  MLKHFGSKVRNLRVTRNITREDFCGDETELSVRQLARIESGQSIPNLTKAHYIAKQLNVKLDILTGGESLELPKRYKELK   80
NTDB id 443 SPYM3 RS00325 WP 011054099.1     MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKELK   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 233215 CDH83 RS10445 WP 000912100.1  YLILRIPTYADAERLKLRECQFDHIFEEFYDNLPEDECLAIDSLQAKFEVYQTGDINFGVEVLCECFDKVKYKEKYTLND  160
NTDB id 443 SPYM3 RS00325 WP 011054099.1     YLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKSIYNLNE  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    YLLLRTPTYGDQVRLDRKNDYFDEIAEVFYDVIPEEERLIIDCLQSKFDVHFSEDVNFGEGILNDYFGQVNRKKVFTIND  149
consensus                                    !!*!!*!!!*!  *! *****!!*!****!! *!!*!****! *!*****  *****!!* *!**** ****!  * *!*

logo
NTDB id 233215 CDH83 RS10445 WP 000912100.1  LIIIDLFLTCAVVSKFNNRAFTKEVFQTICKTLISQNHKLTAEDLFWFNHVLLNCVFVGLCLNSEECLAEMLEVSRQTMV  240
NTDB id 443 SPYM3 RS00325 WP 011054099.1     LLLIDLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNFLLSCADTYIRLKMFGHLKETLQLSHFIMS  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 233215 CDH83 RS10445 WP 000912100.1  STHDFHKMPLYFMYQWKYFITIDNDIKSAENAYQQSIMFSKMIDDKHLIKKLELEWQEDITGH.  303
NTDB id 443 SPYM3 RS00325 WP 011054099.1     TIQDFQKMPMYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI.  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