```
logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      MLEHFGGKVKVLRLEKRISREDLCGDESELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPKRYKELK   80
NTDB id 1136176 DQM44 RS00345 WP 012766420.1  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                                     ****** *** *!*!! ***!**!*!!**!!*!!!*!!!**!!*!*!*!***!!**! !**!*!!!!* *!!!*!!!!!!
```

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logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      YLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPEEEKVAVDIIQAKFEVYQTGDINFGYSILKEFLPQLKRKSIYNLNE  160
NTDB id 1136176 DQM44 RS00345 WP 012766420.1  YLILRTPTYMDDRKLQVRESQFDEIFENYYDQLPEEEQLIIECLQATLDTLLSENINFGVELLQEYFKQTKVKLRFKQND  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                                     !!*!!!!!!*!* *!*****!!!!** *!! *!!!!******!*****  *****!!* *!**** !***!  * *!*
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logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      LLLIDLYLIILVVSHFSDDIFDVQFYEEITESMLKQHNNLSLEDLFLLNNILLSCADTYIRLKMFGHLKETLQLSHFIMS  240
NTDB id 1136176 DQM44 RS00345 WP 012766420.1  LILIELYLAYLDIEGMYGEYSDKVFYDSLLDNLLKQFDDFELDELFIVNKIIIDISSLSIKTNKLDNLEKTIAISQKIMA  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                                     !*!**!!** ! * **   ***  *!* *** ***! *   *******!****    * ** ** * *** * *!**!!
```

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logo
NTDB id 443 SPYM3 RS00325 WP 011054099.1      TIQDFQKMPMYCMYEWKLSIFYLKDINRARNYFEQSILFTQMTGDTYLVQKLRGEWNKDIHYI.   303
NTDB id 1136176 DQM44 RS00345 WP 012766420.1  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