```
logo
NTDB id 627 AAM18091.1 1453..2205( )          .MKVLILEDVIQHQVRLERTLDEISKELNIP.ISYKTTGKEREFKEYIENDEVNQLYFLDIDIHGVEKKGFEVAQFIRRH    78
NTDB id 545 H702 RS02385 WP 052071091.1       MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREK    79
NTDB id 542 H702 RS02345 WP 039696227.1       MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREK    80
NTDB id 1070806 ACIVIR RS04485 WP 050221200.1 .MRIFVLEDDFSQQTRIETTIEKLLKEHQIVPSSFEVFGKPDQLLAEVHEKGAHQLFFLDIEIRNEEMKGLEVARKIRDR    79
NTDB id 55 SMU RS08710 WP 002262114.1         MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH    80
consensus                                     ** ***!!! * *! !*!**** **** **    *******  **  * * * *!**!!!**!******!**!!* !!**

logo
NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQSILYTKSMLLENKDVVDYFDYNYKGNDLKIPYHDI   158
SRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFEDQ.GFNIPKEIFVFENNKTKIRIPLEDI   158
DPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALKYQ.TGSFGENSYLFETAKARIRVAYDDI   159
DPYALIVFVTTHSEFMPLSFRYQVSALDYIDKALSAEEFESRIETALLYANSQDS.KSLAEDCFYFKSKFAQFQYPFKEV   158
NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI   160
consensus  **!*!!!*!**!!!* !*****!*!*!**!! **** *  ***  * **          ** *** *    ***** **

logo
LYIETTGVSHKLRIIGKNFAKEFYGTMADIQEKDKDTQRFYSAHKSFLVNVGNIREIDRKNLEVVFYEDHRCPITRLKVR   238
LYFETA.ESHRLKLITKTGQRHFYGSIKEVMQA...NQKLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYVSRKYIK   234
LYFETSPTVHRVILHTKTGQTEFYGTIAEVAKS...DKRLLKCHRSFVINVNNVTEFDKSTRTAYFENGSYCQVSRDKVK   236
YYLETSPRAHRVILYTKTDRLEFTASLEEVFKQ...EPRLLQCHRSFLINPANVVRLDKKEKLLYFPNGGSCMIARYKVR   235
LYFETSSTAHKLCLYTYDERIEFYGSMTDIVKM...DKRLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLT   237
consensus  *!*!!*   !** * ***   *!**** ** *    * *** *!*!***!**!* **!** ****!  *   ! **!  ***

   <0

logo
NTDB id 627 AAM18091.1 1453..2205( )          KLRDILEKKSKK*   250
NTDB id 545 H702 RS02385 WP 052071091.1       DLRSKMENLK...   244
NTDB id 542 H702 RS02345 WP 039696227.1       KLMAEMR......   243
NTDB id 1070806 ACIVIR RS04485 WP 050221200.1 EVSEAINNLH...   245
NTDB id 55 SMU RS08710 WP 002262114.1         KLRAVIADQRRAK   250
consensus                                     ***  *
```

X non conserved

X similar

X $\geq$ 50% conserved