```
logo

NTDB id 396250 GG619 RS14870 WP 020954300.1  MKTIIEQMCLDANQIKNKMKSIIEQNIFNQHLLQLLLGFVESRKYLTFAESALLHYEVFGGRDFKTAEKLAAGIEILTLS   80
NTDB id 93 BSU 31710 NP 391049.2             ..................MKEIVEQNIFNEDLSQLLYSFIDSKETFSFAESTILHYVVFGGENLDVATRLGAGIEILILS   62
consensus                                    ******************!! !*!!!!!! *! !!!  !**!*   *!!!! *!!! !!!!      ! *!*!!!!!! !!

logo

NTDB id 396250 GG619 RS14870 WP 020954300.1  ADIIDDLEDEDNKQALWMKIDRSEALSAAFSLYTAGLQGINSINMNPFILSYILKYTQDAMQGQHDDIINKPEKEDESLE  160
NTDB id 93 BSU 31710 NP 391049.2             SDIMDDLEDEDNHHALWMKINRSESLNAALSLYTVGLTSIYSLNNNPLIFKYVLKYVNEAMQGQHDDITNKSKTEDESLE  142
consensus                                     !!*!!!!!!!!**!!!!!! !!! ! !! !!!! !!  ! !*! !! !  !*!!! **!!!!!!!!! !!*  !!!!!!

logo

NTDB id 396250 GG619 RS14870 WP 020954300.1  VIRLKCGSLFALSNVAGTMLATGKYNETVETYSYYKGMFEQIYSDYLALFSSKRSDILKDKHTLINLYLKRLFNEPSEKL  240
NTDB id 93 BSU 31710 NP 391049.2             VIRLKCGSLIALANVAGVLLATGEYNETVERYSYYKGIIAQISGDYYVLLSGNRSDIEKNKHTLIYLYLKRLFNDASEDL  222
consensus                                    !!!!!!!!! !! !!!! *!!!! !!!!!! !!!!!!*  !!  !!  ! !  !!!! ! !!!!! !!!!!!!!**!! !

logo

NTDB id 396250 GG619 RS14870 WP 020954300.1  VRMFSHRETHLKFISDKNNFIQTLTDAGVTQYVSVLHQLYKQKCENAIEKLNLETSKIDKLKKYVVNRGIEV.....  312
NTDB id 93 BSU 31710 NP 391049.2             LYLISHKDLYYKSLLDKEKFQEKLIKAGVTQYISVLLEIYKQKCISAIEQLNLDKEKKELIKECLLSYTKGDTRCKT  299
consensus                                    * * !!** * ! * !!  !   !  !!!!!!*!!!* *!!!!!  !!! !!!*  ! * *! ***      *****
```

X non conserved

X similar

X $\geq$ 50% conserved