```
logo
NTDB id 1094112 ACMHYC RS18155 WP 414659489.1  MKKVLNGIPSFHALGLKKQLIAAAICAGLGMT.VNFAHAASPNVSPPAVKVGAPHVYVVKKGDTLWDISGKFLKKPWRWP   79
NTDB id 1053 ABD1 RS00870 WP 000755276.1       MKKVFNGMVNFHALGIKKHLLALALCTGVAIGTIAEVHATSPNHNPPSLKSNAPNVYVVKRGDTLWDISGHFLNKPWRWP   80
consensus                                      !!!!  !!**  !!!!!*!!*!*!  !*!  !***  **   !!  !!!*  !!  *!   !!*!!!!!*!!!!!!!!!*!!  !!!!!!

logo
NTDB id 1094112 ACMHYC RS18155 WP 414659489.1  EIWASNKHVKNPHWIYPGDRLLLCSLNGKPLIGKDEGDGCDGIIRRYTGNTATLRPQVRIEALNNSVSVIPLTHIQQWLE  159
NTDB id 1053 ABD1 RS00870 WP 000755276.1       EIWASNQHVKNPHWIYPGDRLLLCSLDGRPLVGKDEGDGCVGIIRRYTGQTTHLQPQVRVEALNNSVPVIPLEHIKQWLE  160
consensus                                      !!!!!!  !!!!!!!!!!!!!!!!!!!!  !*!!*!!!!!!!!  !!!!!!!!*!  *!  !!!!*!!!!!!!*!!!!  !!  !!!!
```

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logo
NTDB id 1094112 ACMHYC RS18155 WP 414659489.1  RTSVLPAEAIANTPYILGTADNRVMAGKGQSVYVRGQGLENGQRYGVFREGEPYIVLDQNGKKQNLGIELTQVASGVAIR  239
NTDB id 1053 ABD1 RS00870 WP 000755276.1       NSTILPADSITNTPYIVGTADQRVLAGKGQTIYARGQGLINGQRYAVYREGEPYYFTDNKGKKHSLGIELLQVASGVAVS  240
consensus                                       ***!!!*  !  !!!!!*!!!!*!!*!!!!!**!  !!!!!  !!!!!*!*!!!!!!    !*  !!!*  !!!!!  !!!!!!!*
```

```
logo
NTDB id 1094112 ACMHYC RS18155 WP 414659489.1  SENDITTVELTDSYNGEVRRGDRVMLEQDAMLPTLFYPTDANQVKDGGKIIRVMGSIGTAAKNGVVTVDRGTVDGIEVGQ  319
NTDB id 1053 ABD1 RS00870 WP 000755276.1       SEKDITTLELTDSYNAEVRRGDRVMPEEQATLPTLFYPVDAKQVTDGGKIIRVMGSICRAAKNSVVTLDRGTTQGIQVGQ  320
consensus                                      !!  !!!!*!!!!!!!*!!!!!!!!!*!   !  !!!!!!!  !!  !!  !!!!!!!!!!!!!!  !!!!  !!!*!!!!   !!  !!!
```

```
logo
NTDB id 1094112 ACMHYC RS18155 WP 414659489.1  VFSIYQDGETVRDPKTKEQVKLPGQYLGSAMIFKSFDRISYAYVLESELPIKLGSDIKPPRLDD  383
NTDB id 1053 ABD1 RS00870 WP 000755276.1       VFDITQQGESIRDPKTKEVIQLPGQQIGSLMVFRTFDQLSYAYVLESDLPIKVGSSIQSPQFND  384
consensus                                      !! !  !  !!**!!!!!!!  *  !!!!  *!!  !*!**!!  *!!!!!!!!*!!!!*!!  !  *!    !
```

- X non conserved
- X similar
- X ≥ 50% conserved