```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 61593 SCI RS03390 WP 006267466.1  MARKKSNQKVAQSVAGVFLALVLALGGYSFSNYHNHSSTKHSDSTAINRSIRKNYAAPSQELAQSVLTESVKQQLKGKIEWNGAG   85
NTDB id 262 KZH43 RS08770 WP 001036779.1  .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPK...TN.LSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSG   76
NTDB id 221 SPD RS09380 WP 001036779.1    .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPK...TN.LSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSG   76
NTDB id 187 SPR RS08930 WP 001036779.1    .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPK...TN.LSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSG   76
NTDB id 152 SP RS09870 WP 001036779.1     .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPK...TN.LSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSG   76
consensus                                      *!*!**!***!****!*!**!*!*************   !* *********!!!!*!!*!!!!**!!*!*!!**!!!!*!

logo

NTDB id 61593 SCI RS03390 WP 006267466.1  AFIVNENKNNDLDAKVGSIPYADNKTKLVRGRTVPTVANALLSKATRQYRNREETGNGSTTWTPAGWHQVKHLSGEYHHAVDRGHL   170
NTDB id 262 KZH43 RS08770 WP 001036779.1  AFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHL   161
NTDB id 221 SPD RS09380 WP 001036779.1    AFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHL   161
NTDB id 187 SPR RS08930 WP 001036779.1    AFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHL   161
NTDB id 152 SP RS09870 WP 001036779.1     AFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHL   161
consensus                                 !!!!!*!!**!!!!!*!*!!!!!!!!*!***!!!!!!!!!!!!!!!!!!*!!*!!!!!!!*!!!*!!!!!!*!*!*!*!!!!!!!!

logo

NTDB id 61593 SCI RS03390 WP 006267466.1  LGYALIGNLKGFDASTSNPKNIAVQTAWANQAQNASHSTGQNFYETKVRKALDKNKRVRYRVTLIYASEQDLVPVGSHIEAKSSDG   255
NTDB id 262 KZH43 RS08770 WP 001036779.1  LGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDG   246
NTDB id 221 SPD RS09380 WP 001036779.1    LGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDG   246
NTDB id 187 SPR RS08930 WP 001036779.1    LGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDG   246
NTDB id 152 SP RS09870 WP 001036779.1     LGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDG   246
consensus                                 !!!!!!!*!*!!!!!!!!!!!!!!!!!!!!!!!!*!**!!!!!*!!*!!!!!!!*!!!!!!!!!!*!!!**!!!!**!*!!!!!!!!

logo

NTDB id 61593 SCI RS03390 WP 006267466.1  SLEINVFVPNVQTGIRLNYQTGEVTVTN   283
NTDB id 262 KZH43 RS08770 WP 001036779.1  ELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 221 SPD RS09380 WP 001036779.1    ELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 187 SPR RS08930 WP 001036779.1    ELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 152 SP RS09870 WP 001036779.1     ELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
consensus                                 *!!*!!*!!!!!*!**!*!*!!!!!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved