```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 22657 PD RS08430 WP 004088866.1     .MARGINKVILVGNLGNEPDIKYTQSGMTITSISLATSSKRKDR.EGNTQERTEWHRVKFFGKLGEIAAEYLHKGSQCYI   78
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
consensus                                      **!!!!**!*!!**!*******!*** ****!!!****!*   !** !*!!!!*********!*!**!!*!!* *!*

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGM...NVPAQ....QGSWGQPQQPAKQHQ...   149
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNG..   151
NTDB id 22657 PD RS08430 WP 004088866.1     EGTIRYDKFTGNDGQDRYVTEIIA....DQMHMLGGRGEGSSGITPQRRPAK.........................   126
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS.........QEAYQRPAQQSRQPASDA   143
NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS.........QEAYQRPAQQSRQPAPDA   143
consensus                                   !!*****!*****!**!* *****       * !!**! ***** * * * *           * **  * ** **

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  ...PM.QQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..GNA.TRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 22657 PD RS08430 WP 004088866.1     ..........VRNNDKAYAYAGDDFHDDDIPF   148
NTDB id 1103 NMB RS07590 WP 002212976.1     PSHPQEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    PSHPQEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
consensus                                     *     ******   * ***** !!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved