```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 129991 BD65 RS07730 WP 004719395.1  MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKQTGEQKEKTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQE.........AYQRPAQ..QSRQPAS   141
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQE.........AYQRPAQ..QSRQPAP   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGG.DFGGNQGSGWNQAPAQTNYNQGGYSD..NYAQNNNFNG   151
NTDB id 129991 BD65 RS07730 WP 004719395.1  EGALQTRKWQDQSGQERYTTEVVVN.VGGTMQMLGGRQGG..GAPAGGTPAGSNDG.....AQGGWGQPQQPQGSNQFSG   152
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGG..MNVPA.....QQGSWGQPQQPAKQHQPMQ   152
consensus                                   !!*****!!*!** !**!******    *  **!!**!* *  ****  * * ***       ****  * *  ** **

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    GNATRP....QPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 129991 BD65 RS07730 WP 004719395.1  GQTSRPA.QPAPAPQQQGGNEPPM.DFDDDIPF   183
NTDB id 1166 A1552VC RS00795 WP 000168289.1 Q..SAP.....QQYSQPQYNEPPM.DFDDDIPF   177
consensus                                     * !   **   ***  ***!****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved