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 89131 OCU30 RS01540 WP 077315278.1    MASRGVNKVILIGNLGSDPEVRYMPNGGAVANITLATSDSWRDKATGEQREKTEWHRVALFGKLAEIAGEYLRKGSQVYI    80
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI    80
consensus                                         **!!!!**!*!!  !!**!*!!*!*!!*****!!!**!*!* *!***!*!!!!********!!*!!*!!*!!*  !!*
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NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPY........EEGYGQSQEAYQRPAQQSRQPAS...   141
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPY........DEGYGQSQEAYQRPAQQSRQPAP...   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQ.......GSGWNQAPAQ....TNYNQGGYSDNY   143
NTDB id 89131 OCU30 RS01540 WP 077315278.1    EGQLQTRKWQDQSGQDRYTTEVVVQGFNGVMQMLGGRNGGAPQQGSGMGGQPSQQGGWGQPQQP....AQQRQQ......   150
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQP....AKQHQP......   150
consensus                                     !!****!!*!** !**!*******       ***!!**!* *** **              ***! *        *** **
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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     AQNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 89131 OCU30 RS01540 WP 077315278.1    ....PVQQQQQSAPQAAPQQPQYNEPP.MDFDDDIPF   182
NTDB id 1166 A1552VC RS00795 WP 000168289.1   ....MQ....QSAP.QQYSQPQYNEPP.MDFDDDIPF   177
consensus                                               ***! *   ***   ***!****!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved