logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGLVYL    76
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGLVYL    76
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV  78
NTDB id 1161977 U9J37 RS09570 WP 038140437.1   MASRGVNKVILVGNLGSDPEVRYMPSGGAVANITIATSETWRDKATGEQREKTEWHRVALFGKLAEVAGEYLRKGSQVYV  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....NEMKMLGGRNENSGGAPYEEGYGQS..QEAYQRPAQQS...RQPASDAPSHP   147
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS..QEAYQRPAQQS...RQPAPDAPSHP   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFGGNQG.......SGWNQAPAQTNYNQGGYSDNYAQN   146
NTDB id 1161977 U9J37 RS09570 WP 038140437.1   EGQLQTRKWQDQSGQDRYTTEVVVQGYNGVMQMLGGRAQGG.A.PGQ.GMGQP.QQQGWGQPQQPAAQ.QSQPQQQY...   152
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGMNVPAQQGSWGQPQQPAKQ.HQPMQQ.....   153
consensus                                      !!****!!*!** !**!*******     ***!!**!  ** * *** ! **   * ***** ***    **  *
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1        ......QEAPAAPRRQ.PVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       ......QEAPAAPRRQ.PVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1      NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1161977 U9J37 RS09570 WP 038140437.1   ........SQP.QQQQAQPQYNEPPMDFDDDIPF   177
NTDB id 1166 A1552VC RS00795 WP 000168289.1    .........SA.PQQYSQPQYNEPPMDFDDDIPF   177
consensus                                            *   * * **   **  !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved