logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1100398 ACMDCT RS13930 WP 416633576.1  .MARGVNKVILIGNLGADPETRYTANGNPVTNLRLATDESYKDRNTGQMVPKTEWHRIVMFGKIAEIAGQYLRKGSKVYI   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                           **!!!!**!*!! !!**!****!**! ****!!*!***!***!*****!!!!********!!*!!*!!*!!* !!*
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYEEGYGQS..........QEAYQRPAQQSRQPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYDEGYGQS..........QEAYQRPAQQSRQPAPD   142
NTDB id 1166 A1552VC RS00795 WP 000168289.1     EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNV...PAQ.....QGSWGQPQQP....AKQ   147
NTDB id 1100398 ACMDCT RS13930 WP 416633576.1  EGKLQTNKWQDQNGQDRYTTEIIV.DINGQMQMLDSRSGDNA...GMG.GGAP.AAAQGNAPQGGGYA............   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQG.DV...LQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYN.QGGYSDNYAQ....NNN   148
consensus                                       !!*****!*!** !**!********     **!!**!  * *  **  * *     **     ****  * **    *
```

logo

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NTDB id 1103 NMB RS07590 WP 002212976.1         APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1        APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1     H..QPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1100398 ACMDCT RS13930 WP 416633576.1  .......PQGGDQSQGTGMPDPVDDFDDDIPF   166
NTDB id 1390 A4U84 RS00055 WP 021115958.1      FNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                           *   *** ***   *  !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved