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 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1310621 D0B54 RS04170 WP 117289476.1 .MARGVNKVILIGNLGKDPETRFFPSGDGITNATLATTESWKDKQTGEMKDATEWHNLVFPGKLAEIAGKYLKKGSKIYV   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....EMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQSRQPASDA...PS..HP   147
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQSRQPAPDA...PS..HP   147
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMP..A.QGGMNVPAQQGSWGQPQQPAK.....QHQPMQ   152
NTDB id 1310621 D0B54 RS04170 WP 117289476.1 EGSIRTRKWQDKEGKDRYTTEIRVN....DMQMLDGKPGGGTGAMGEE.E........RGSYEQRGSSGGGGYDQRSSGGG   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSGGDFGGNQ.GSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
consensus                                    !!*****!!*!***!  *!********     ***!!***  *****  * * *  * * *  **!  ***  *    *
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1      QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  QSAPQQYS..QPQYNEPPMDFDDDIPF   177
NTDB id 1310621 D0B54 RS04170 WP 117289476.1 RSAPAPASAPADS....GGFEDDDIPF   169
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                    ***!*   *    *   **** !!!!!!
```

X non conserved
X similar
X ≥ 50% conserved