logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1127464 JT17 RS01640 WP 005714441.1  ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                       **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!*********!!*!!*!!*!!* !!*
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logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP........YDEGYGQSQEA..YQRPAQQSRQP.AP   141
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP........YEEGYGQSQEA..YQRPAQQSRQP.AS   141
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQPAKQHQ...........   149
NTDB id 1127464 JT17 RS01640 WP 005714441.1  EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGG.......NQGGGWNQAPAPQNYNQGYNNDNYAQNN   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGG.......NQGSGWNQAPAQTNYNQGGYSDNYAQNN   147
consensus                                    !!*****!!*!** !**!*******     ***!!**!  *** **         *  ***! *    *** ***
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logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1     DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .....PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1127464 JT17 RS01640 WP 005714441.1  F.GNAQPQTAKAPAKPAPQAEPPMDNFDDDIPF   179
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                       *   **** *   **  !****!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved