logo



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NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 160914 CAter282 RS01965 WP 061536914.1  ..MASVNKVIIVGNLGRDPETRYMPNGEAVTNIAVATTESWKDKNSGEKKELTEWHRITFYRKLAEIAGQYLKKGSQIYV   78
NTDB id 1131 NGFG RS05740 WP 003695064.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
consensus                                           **!!!!**!*!!*!!**!*!!*!*!! ****!!*!*!*!***!***!*!!!!********!!*!!*!!*!!* *!*
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NTDB id 1166 A1552VC RS00795 WP 000168289.1     EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQG..GMNV.....PAQQGSWGQPQQPAKQHQPMQ   152
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 160914 CAter282 RS01965 WP 061536914.1  EGRLQTRKWQDKDGAERYTTEIIA....DTMQMLGSRQGQGGGASMDDGGGYSSAPPARQ................NTSA   138
NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQSRQPAPDA..PSHPQEA   150
NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQSRQPASDA..PSHPQEA   150
consensus                                       !!****!!*!***! *!*******      **!!**!* ****** *** ! **   ******       *    **  *
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logo



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NTDB id 1166 A1552VC RS00795 WP 000168289.1     QSA..PQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 160914 CAter282 RS01965 WP 061536914.1  PAAPARQQAPASRPAPNFSDMDDDIPF   165
NTDB id 1131 NGFG RS05740 WP 003695064.1        PAAPRRQPVPAA...APVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1         PAAPRRQPVPAA...APVEDIDDDIPF   174
consensus                                       **** *** ***    *****!!!!!!
```

X non conserved

X similar

X $\geq 50\%$ conserved