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 1024076 DB825 RS15015 WP 008572410.1  .MARGINKVILVGNLGNDPDTKYTQAGMAITRVSLATTSMRKDR.DGNNQERTEWHRVVFFGKLGEIAGEYLRKGSQVYV   78
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
consensus                                           **!!!!!**!*!!*!!*******!*!*  ***!!*****!*   !**  !*!!!!*********!*!!*!!*!!*  !!*
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logo



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NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ.GGM.......NVPAQ....QGSWGQPQQPAKQH   148
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGN.QGSGW....NQAPAQTNYNQGGYSDNYAQNNNF   149
NTDB id 1024076 DB825 RS15015 WP 008572410.1  EGELRYDKYTGQDGVEKYSTDIVA....NEMQMLGGRGEGGGGMGGDRPQ.....RSAPRQQ....GGGGGQGGGYGGG    145
NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQ....SRQPASD..APSH   146
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQ....SRQPAPD..APSH   146
consensus                                     !!*****!*****!*********    ****!!**!  ******    ** *         * !*!*     *    *     *   *
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logo



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NTDB id 1166 A1552VC RS00795 WP 000168289.1   Q..PMQQSAPQQYSQPQYNEPPM.DFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1     NGGNATRPQPAQKPAAQAEPPMD.NFDDDIPF   180
NTDB id 1024076 DB825 RS15015 WP 008572410.1  GGGQDYAPRRQQPAQQQSAPPMDDFADDDIPF   177
NTDB id 1103 NMB RS07590 WP 002212976.1        PQEAPAAPRRQ.P..VPAAAPVE.DIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       PQEAPAAPRRQ.P..VPAAAPVE.DIDDDIPF   174
consensus                                           *******    *** !** * !!!!!!
```

X non conserved
X similar
X $\geq 50\%$ conserved