logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 162149 ATY38 RS02435 WP 062557889.1  ..MASVNKVILIGNLGKDPETRYMSSGDAVTNITLATTDTWKDKN.GEKQERTEWHRVTFYRKLAEIAGEYLKKGRSVYI   77
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**!*!!*!!**!*!**!*!! ****!!***!*!** !** !*!!!!********!!*!!*!!*!!  !!*
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQGDV....LQMLDSRSSGG.DFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVANE....MKMLGGRNENSGGAPYE..EGYGQS..QEAYQRPAQQSRQPASDAPSHPQ   148
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVANE....MKMLGGRNENSGGAPYD..EGYGQS..QEAYQRPAQQSRQPAPDAPSHPQ   148
NTDB id 162149 ATY38 RS02435 WP 062557889.1  EGRLETRKWTDKSGVERYTTDIIASD....MKMLGNRSGSG.SFEST..P.....DQ.........E.............   123
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQ..GGMNVPAQQGSWGQPQQPAK.......QHQP   150
consensus                                    !!****!!**** !**!*********    **!!**!  ** * *     ** *   *  ** ***  *        * *
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1103 NMB RS07590 WP 002212976.1      EAPAAP.RRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     EAPAAP.RRQPVPAAAPVEDIDDDIPF   174
NTDB id 162149 ATY38 RS02435 WP 062557889.1  EDHSAPARSSSTKSASGFDDMDDDIPF   150
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                    *   *! **    ** *****!!!!!!
```

X non conserved

X similar

X $\geq 50\%$ conserved