logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 100420 AABA34 RS05015 WP 034951960.1 .MAGSLNKVMLIGNLGADPEVRTFQNGGKVCNLRVATTETWKDRNSGERQERTEWHTVAIFNEGLAGVAERYLKKGSKVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                       **!!!***!*!! !!**!****!**!*****!!*!*!*!***!** !*!!!! ***** **!**!**!!*!!* !!
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logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1    LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA.....PYDEGYGQS..........QEAYQRPAQQS   136
NTDB id 1103 NMB RS07590 WP 002212976.1     LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA.....PYEEGYGQS..........QEAYQRPAQQS   136
NTDB id 1390 A4U84 RS00055 WP 021115958.1   VEGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDFG............GNQGSGWNQAPAQTNYNQGGYSD   141
NTDB id 100420 AABA34 RS05015 WP 034951960.1 IEGQLQTRKWQDQNGNDRYSTEVVLRGPNSVMTMLDSAGGGGGGMGGGGGRSGGGYGGGGGAGGAGGGSGGGWNQGGGSG   159
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMN..............VPAQQGSWGQPQQPA   145
consensus                                   *!!****!!*!** !**!******    * ** !!***  *****         ***            * *******
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logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1    RQPAP.DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1     RQPAS.DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NYAQNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 100420 AABA34 RS05015 WP 034951960.1 S........................SGGGYDDLDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 KQH.......QPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                   **         *   **   *    ********!!!!!!
```

X non conserved

X similar

X $\geq 50\%$ conserved