```
logo
NTDB id 1089312 ACLSIV RS10015 WP 096039601.1  ....MINNVVLVGRLTKDVELRYTPANQAVATFTLAVNRAFKNAN.GER..EADFINVVIWRQAAENLANWAKKGALLGV   73
NTDB id 624 LCA RS00040 WP 011373726.1         ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GDR..EADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 113 BSU 40900 NP 391970.1              ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GER..EADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 112 BSU 36310 NP 391512.2              ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNAS.GEI..EADYVNCTLWRKTAENTALYCQKGSLVGV   73
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                          **!*!***!*!**!***!*** **!!** **!***** *    !**  ****** ***** !!* *** *!!*****
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logo
NTDB id 1089312 ACLSIV RS10015 WP 096039601.1  TGRIQTRNYENAQGQRVYVTEVVA....DNFQMLESRSAREGGQQGG...GYTPSQSQP............TNSNFGGNQ   134
NTDB id 624 LCA RS00040 WP 011373726.1         DGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSNQSNG....SQ.......QSGFTSPQ   138
NTDB id 113 BSU 40900 NP 391970.1              DGRLQTRNYENQQGQRVFVTEVQA....ESVQFLEPKNGGGSGSG.....GYNEGNSGG....GQYFGGGQNDNPFGGNQ   140
NTDB id 112 BSU 36310 NP 391512.2              SGRIQTRSYENEEGVNVYVTEVLA....DTVRFMDPKPREKAAD.......................................   113
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGS.GWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGM....NVPAQ....QGSWGQPQQPAKQHQ..P   150
consensus                                      *!***!! *****!* ***!!***    * ***** *       *      *     *                  *   *
```

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logo
NTDB id 1089312 ACLSIV RS10015 WP 096039601.1  PSQTQSSPAIPDFGRDSDPF.SGGTPMNLSDDDLPF   169
NTDB id 624 LCA RS00040 WP 011373726.1         QT..GNAPAANN..TQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1              NN..QRRNQGNS..FNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2              ....................................   113
NTDB id 1390 A4U84 RS00055 WP 021115958.1      AT..RPQ.......PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MQ..QSA.......PQQYSQPQYNEPPMDFDDDIPF   177
consensus                                                    *   *    **    ******
```

X non conserved

X similar

X $\geq$ 50% conserved