```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 1010076 ABN775 RS05480 WP 006470425.1 .MAGSVNKVILVGNLGADPEIRRLNSGDVVANLRIATSESWRDRQTGERKDRTEWHSVVIFNENLAKVAEQYLKKGAKVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                         **!!!!**!*!! !!**!****!**!*****!!!!*!*!* *!******!!!! ***** **!**!**!!*!!* !!
```

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logo
NTDB id 1103 NMB RS07590 WP 002212976.1        LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQEAYQ.RPAQQ......SRQPASDAP   144
NTDB id 1131 NGFG RS05740 WP 003695064.1       LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQEAYQ.RPAQQ......SRQPAPDAP   144
NTDB id 1390 A4U84 RS00055 WP 021115958.1      VEGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNG.   151
NTDB id 1010076 ABN775 RS05480 WP 006470425.1 IEGALQTRKWQDQNGNDRYSTEVVLQKFRGELQMLDSRGEGGGE.GRSFGGGGNRNQMSDYSGGGGDFGS.SG.......   150
NTDB id 1166 A1552VC RS00795 WP 000168289.1   IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGG..MNV......PAQQGSWGQ.PQQPAKQH.   148
consensus                                     *!!*****!!*!** !**!******     * ***!!**! ****  *   ! * **   *  *****     * ***  *
```

```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1        SHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       SHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1      .GNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1010076 ABN775 RS05480 WP 006470425.1 ........PSS.GGGSGGGFSRDLDDEIPF   171
NTDB id 1166 A1552VC RS00795 WP 000168289.1   .QPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                       *   ***  *    ********!!*!!!
```

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