```
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 231514 S1001342 RS05415 WP 087651631.1  .MAGSVNKVILVGNLGKDPEVRSSQSGAKIVSFSLATSDTWNDRASGERRERTEWHRVVIFNERLADVAERFLRKGRKVY   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1        ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                           **!!!!**!*!!*!!**!****!*** ****!!!**!*!* *!***!*!!!!****** **!**!***!*!!  !!

logo

NTDB id 1103 NMB RS07590 WP 002212976.1          LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSG..........GAPYEEGYGQSQEAYQRPAQQSRQPAS   141
NTDB id 1131 NGFG RS05740 WP 003695064.1         LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSG..........GAPYDEGYGQSQEAYQRPAQQSRQPAP   141
NTDB id 231514 S1001342 RS05415 WP 087651631.1  LEGSLQTRKWTDQGGQERYTTEVIIDRFRGELVLLDSRNSGEGESEGGGFGGGSGSSYGGYNSGGGGYGAPSSAPRQQ..   157
NTDB id 1390 A4U84 RS00055 WP 021115958.1        VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYN..QGGYSDNYAQNNNFNG   151
NTDB id 1166 A1552VC RS00795 WP 000168289.1     IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGM...NVPAQ......QGSWGQPQQPAKQHQ.   149
consensus                                       *!!****!!**** !**!*******      ** *!**!* * *      *     **   **   ****  * ** **

logo

NTDB id 1103 NMB RS07590 WP 002212976.1          DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1         DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 231514 S1001342 RS05415 WP 087651631.1  .....PAQRSGGNSSGGWDASGGNGDLDDEIPF   185
NTDB id 1390 A4U84 RS00055 WP 021115958.1        G....NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1166 A1552VC RS00795 WP 000168289.1     .....PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                            *   ***  *    * ******!!*!!!
```

X non conserved

X similar

X $\geq$ 50% conserved