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 1112178 RG1141 RS08765 WP 007763736.1 .MAGSVNKVILVGNVGADPEIRRTQDGRPIANLRIATSETWRDRNNGERREKTEWHTVVVFNEGLCKVVEQYVKKGAKLY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
consensus                                        **!!!!**!**! !!**!****!********!!!!*!*!* *!***!*!!!! ***** ********!**!!* *!
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYG.........QSQEAYQRPAQQSRQPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYG.........QSQEAYQRPAQQSRQPAPD   142
NTDB id 1112178 RG1141 RS08765 WP 007763736.1 IEGALQTRKWQDQTGNDRYSTEIVLQGFNSTLTMLDGRGEGGGD.RGGAGG..NRVGNDFGGNDFGGGDDYERRP..AAG   154
NTDB id 1166 A1552VC RS00795 WP 000168289.1   IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGM...NVPAQ....QGSWGQPQQPAKQHQ..   149
NTDB id 1390 A4U84 RS00055 WP 021115958.1    VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG   152
consensus                                    *!!****!!*!** !**!*******      * !!**! ****  **  ! *           * **  * ** ** *
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1112178 RG1141 RS08765 WP 007763736.1 ....GASRGGQSSGGQPAGGNFSRDLDDDIPF   182
NTDB id 1166 A1552VC RS00795 WP 000168289.1   ....PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ....NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                        *   **   *    ** *****!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved