```
logo
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 188603 BSY240 RS02945 WP 069041360.1 .MAGSVNKVILIGNLGADPEIRRTQDGRPIANLRIATSETWRDKNSGERKEKTEWHSVVIFNEGLCKVAEQYLKKGSTVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                        **!!!!**!*!! !!**!****!*******!!!!*!*!***!***!*!!!! ***** *****!**!!*!!* !!

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA............PYDEGYGQSQEAYQRPAQQSRQP   139
NTDB id 1103 NMB RS07590 WP 002212976.1       LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA............PYEEGYGQSQEAYQRPAQQSRQP   139
NTDB id 1390 A4U84 RS00055 WP 021115958.1     VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 188603 BSY240 RS02945 WP 069041360.1 IEGQLQTRKWQDQSGADRYSTEVVLQGFSGNLTMLGGRGDGGGAS...RGGNDFGGADYGGGGGGYDGGYGSPAPSRGG.   155
NTDB id 1166 A1552VC RS00795 WP 000168289.1  IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMP...AQGGMNVPA........QQGSWGQPQQPAKQH   148
consensus                                    *!!****!!*!** ! *!*******      * !!**! ******     *     * *  * *  ***** ***  **

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      APDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1       ASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ATR..PQP......AQKPAAQAEPPMDNFDDDIPF   180
NTDB id 188603 BSY240 RS02945 WP 069041360.1  ..ASGGAS......RG.GSAPSGGFSRDLDDDIPF   181
NTDB id 1166 A1552VC RS00795 WP 000168289.1   QPMQQSAP......QQYSQPQYNEPPMDFDDDIPF   177
consensus                                     *    * *         *   *********!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved