logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 25922 TM1040 RS11495 WP 011538761.1 .MAGSLNKVMLIGNLGRDPEVRSFQNGGKVCNLRIATSETWKDRNTGERREKTEWHSVAIFNEGLVRVAEQYLRKGSKVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                    **!!!***!*!!*!!**!****!**!*****!!!!*!*!***!***!*!!!!  ***** *****!**!!*!!*  !!
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1     LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQ.........EAYQRPAQQSRQPAS.   141
NTDB id 1131 NGFG RS05740 WP 003695064.1    LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQ.........EAYQRPAQQSRQPAP.   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1   VEGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG   152
NTDB id 25922 TM1040 RS11495 WP 011538761.1 VEGQLQTRKWQDQSGQDRYSTEVVLQGFGSTLTMLDGRGEGGGG.GFGGGQGGDYGGG....GG....GYGGGGSYGGG   150
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNV...PAQ....QG....SWGQPQQP...   144
consensus                                   *!!*****!!*!** !**!******    *  * !!**! ***** **  ! *  *  *      ***   ***  ***
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1     DAPSHPQEAPAAPRRQ.PVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    DAPSHPQEAPAAPRRQ.PVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NAT......RPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 25922 TM1040 RS11495 WP 011538761.1 GGNQGGGFGGGGPS.........QNIDDDEIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 .AKQHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                    *  *   * **!       *  ****  !!*!!!
```

X non conserved

X similar

X ≥ 50% conserved