```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMY.RKLAEIAGQYLKKGGLVY    75
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMY.RKLAEIAGQYLKKGGLVY    75
NTDB id 333408 RMP42 RS12185 WP 019459809.1  .MAGSVNKVILVGNLGRDPEVRNFQNGGKVVNLRIATSENYKDR.EGNRQERTEWHSVAIFNERLGEVAEKYLRKGSTVY    78
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLY.GKLAEVAGEYLRKGSQVY    79
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFF.RRQAEVAGQYLRKGSKVY    77
consensus                                        **!!!!**!*!!*!**!****!**! ****!!!!***!*  !** !*!!!! **** ****!*!**!!*!!* !!

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP...YEE....GYGQS.......QEAYQRPAQQSR   137
NTDB id 1131 NGFG RS05740 WP 003695064.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP...YDE....GYGQS.......QEAYQRPAQQSR   137
NTDB id 333408 RMP42 RS12185 WP 019459809.1  IEGKLETRKWQDKDGQDRYTTEIVLRNFGGELTMIGGRASGGEGGEGGGYSGGGGGGFGGGPRAGGGERGGASG......   152
NTDB id 1166 A1552VC RS00795 WP 000168289.1  IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPA......QGGM...NVPAQ....QGSWGQPQQ...   143
NTDB id 1390 A4U84 RS00055 WP 021115958.1    VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGG......NQGSGWNQAPAQTNYNQGGYSDNYA...   144
consensus                                    *!!****!!*!***!**!*******      ** !***!  *****    *    * **** *      ****  * *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      QPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     QPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 333408 RMP42 RS12185 WP 019459809.1  ..........GRSPSRGGGGGGWDAPKGDLDDDIPF   178
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .PAKQHQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1    .QNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                     **      *   **   *    * *!****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved