```
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 163147 AMC80 RS10710 WP 004671899.1 .MAGSVNKVILVGNVGADPEIRRTQDGRPIANLRIATSETWRDRNSGERREKTEWHTVVVFNEGLCKVVEQYVKKGAKLY    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 1131 NGFG RS05740 WP 003695064.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQE.........AYQRPAQQSRQPAPD   142
NTDB id 1103 NMB RS07590 WP 002212976.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQE.........AYQRPAQQSRQPASD   142
NTDB id 163147 AMC80 RS10710 WP 004671899.1 IEGQLQTRKWQDQQGQDRYSTEVVLQGFSSTLTMLDGRGDGGG.ASSGFGGGRGGSS......NNDYGDDYG........   144
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGM...NVPAQ....QGSWGQPQQPAK....Q   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1   VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNN....N   148
consensus                                   *!!****!!*!** !**!*******       * !!**! **** **    ! *  *         * **  * ** *

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 163147 AMC80 RS10710 WP 004671899.1 ...APAPSSSPSR..GGGGGNFSRDLDDDIPF   171
NTDB id 1166 A1552VC RS00795 WP 000168289.1 HQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1   FNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                       *   *** **    ** *****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved