logo

```
NTDB id 342303 ETT48 RS05015 WP 002984519.1  ..MIKILLVEDDLSLSNSI.FDFLDDFADVMQVFDGDEGLYEAESGIYDLILLDLMLPEKNGFQVLKELREKDIKIPVLI  77
NTDB id 258 KZH43 RS03475 WP 000590640.1     ..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI  77
NTDB id 217 SPD RS03775 WP 000590640.1       ..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI  77
NTDB id 183 SPR RS03560 WP 000590640.1       ..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI  77
NTDB id 147 SP RS03905 WP 000590640.1        ..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI  77
NTDB id 362 SMU RS05200 WP 002262214.1       ..MIKLLLVEDDLSLSNST.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI  77
NTDB id 413 AAK55817.1 141..845( )           ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKT.SSVPILM  77
NTDB id 374 SMU RS06885 WP 002262930.1       ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKN.SHVPIIM  77
NTDB id 606 V4T04 RS01910 WP 003130756.1     MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKE.KDTPIIM  79
NTDB id 471 HSISS4 RS01430 WP 002883757.1    .MSKRILIVEDEKNLARFVSLELQHEGYDVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQE.KDTYIMM  78
consensus                                      ****!***!** ***** ***************!***!********!*!*!!!!!!!**!**!****************
```

logo

```
NTDB id 342303 ETT48 RS05015 WP 002984519.1  MTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRTGKFADK.........NISFGNLVVDLARKEVKVEGKV  147
NTDB id 258 KZH43 RS03475 WP 000590640.1     MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNEN.........TLTYGNIVVNLSTNTVKVEDTP  147
NTDB id 217 SPD RS03775 WP 000590640.1       MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNEN.........TLTYGNIVVNLSTNTVKVEDTP  147
NTDB id 183 SPR RS03560 WP 000590640.1       MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNEN.........TLTYGNIVVNLSTNTVKVEDTP  147
NTDB id 147 SP RS03905 WP 000590640.1        MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNEN.........TLTYGNIVVNLSTNTVKVEDTP  147
NTDB id 362 SMU RS05200 WP 002262214.1       MTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNEN.........NLTYGELTVDTATNTTMVNGKE  147
NTDB id 413 AAK55817.1 141..845( )           LSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEE  156
NTDB id 374 SMU RS06885 WP 002262930.1       LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE  157
NTDB id 606 V4T04 RS01910 WP 003130756.1     MTARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.ERAENTS.....FRDLVIDKTNRTVHRGKKV  153
NTDB id 471 HSISS4 RS01430 WP 002883757.1    MTARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPAKAST.....YRDLKLDVQNRTVVRGDEA  153
consensus                                    **!*****!***!***!!!!!**!!!***!!**!**!***!*******          ********  ***********
```

<0

logo

```
NTDB id 342303 ETT48 RS05015 WP 002984519.1  VELLGKEFDLLVYLLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYISKIRKKLKGTR.FVNRLQTLRSVGYILKNNE.  224
NTDB id 258 KZH43 RS03475 WP 000590640.1     VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTT.FAENLQTLRSVGYLLKDVQ.  224
NTDB id 217 SPD RS03775 WP 000590640.1       VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTT.FAENLQTLRSVGYLLKDVQ.  224
NTDB id 183 SPR RS03560 WP 000590640.1       VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTT.FAENLQTLRSVGYLLKDVQ.  224
NTDB id 147 SP RS03905 WP 000590640.1        VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTT.FAENLQTLRSVGYLLKDVQ.  224
NTDB id 362 SMU RS05200 WP 002262214.1       VELLGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKDTT.FGKNLQTLRSVGYILKDAN.  224
NTDB id 413 AAK55817.1 141..845( )           LDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*  234
NTDB id 374 SMU RS06885 WP 002262930.1       VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.  235
NTDB id 606 V4T04 RS01910 WP 003130756.1     IDLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.  230
NTDB id 471 HSISS4 RS01430 WP 002883757.1    IPLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKI.DVPGKESYIQTVRGMGYVIREK..  229
consensus                                    **!***!**!!** ****************!**********!*!*****!*!** ** ******!*!**!!**** *
```

X non conserved

X similar

X ≥ 50% conserved