```
logo
                                                  MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI
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 1137825 DQM48 RS05550 WP 020916820.1      ..MIKILLVEDDLSLSNSI.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKGGFQVLKELREQGITTPVLI   77
NTDB id 362 SMU RS05200 WP 002262214.1            ..MIKLLLVEDDLSLSNSI.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI   77
NTDB id 606 V4T04 RS01910 WP 003130756.1          MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKE.KDTPIIM   79
NTDB id 374 SMU RS06885 WP 002262930.1            ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKN.SHVPIIM   77
consensus                                           **!*!***!** ***** ***************!***!*******!!!*!!!!!!!**!**!****!******!***
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logo
                                                  MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....ENTLTYGNI.....VVNLSTNTVKVEDTP
NTDB id 258 KZH43 RS03475 WP 000590640.1          MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....ENTLTYGNI.....VVNLSTNTVKVEDTP   147
NTDB id 217 SPD RS03775 WP 000590640.1            MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....ENTLTYGNI.....VVNLSTNTVKVEDTP   147
NTDB id 183 SPR RS03560 WP 000590640.1            MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....ENTLTYGNI.....VVNLSTNTVKVEDTP   147
NTDB id 147 SP RS03905 WP 000590640.1             MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....ENTLTYGNI.....VVNLSTNTVKVEDTP   147
NTDB id 1137825 DQM48 RS05550 WP 020916820.1      MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....DNTLSYHEL.....TADTSTNTTVNGEK   147
NTDB id 362 SMU RS05200 WP 002262214.1            MTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN.....ENNLTYGEL.....TVDTATNTTMVNGKE   147
NTDB id 606 V4T04 RS01910 WP 003130756.1          MTARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAVERAENT.SFRDLVI.....DKTNRTVHRGKKV   153
NTDB id 374 SMU RS06885 WP 002262930.1            LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE   157
consensus                                         **!*****!***!***!!!!!*!!!!***!!**!**!***!*****     *!***** *       *  *******  *
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logo
                                                  VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKG.TTFAENLQTLRSVGYLLKDVQ
NTDB id 258 KZH43 RS03475 WP 000590640.1          VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKG.TTFAENLQTLRSVGYLLKDVQ   224
NTDB id 217 SPD RS03775 WP 000590640.1            VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKG.TTFAENLQTLRSVGYLLKDVQ   224
NTDB id 183 SPR RS03560 WP 000590640.1            VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKG.TTFAENLQTLRSVGYLLKDVQ   224
NTDB id 147 SP RS03905 WP 000590640.1             VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKG.TTFAENLQTLRSVGYLLKDVQ   224
NTDB id 1137825 DQM48 RS05550 WP 020916820.1      VELLGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKG.TSFAKNLQTLRSVGYILKDAE   224
NTDB id 362 SMU RS05200 WP 002262214.1            VELLGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKD.TTFGKNLQTLRSVGYILKDAN   224
NTDB id 606 V4T04 RS01910 WP 003130756.1          IDLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKIDV.EGQDSYIQTVRGLGYVMRERK   230
NTDB id 374 SMU RS06885 WP 002262930.1            VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD   235
consensus                                         **!***!**!!*****************!!*********!*!*****!*!***  ********!*!**!!**** *
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X non conserved

X similar

X $\geq$ 50% conserved