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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
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 1140565 DQN21 RS06345 WP 009854247.1    ..MIKILLVEDDLSLSNSI.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKDGFQVLKELREKGVSTPVLI   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 413 AAK55817.1 141..845( )              ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKT.SSVPILM   77
NTDB id 374 SMU RS06885 WP 002262930.1          ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKN.SHVPIIM   77
consensus                                         **!*!***!** ***** ***************!***!********!*!*!!!!!!!**!**!****!******!***
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
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 1140565 DQN21 RS06345 WP 009854247.1    MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKYNDN..........TLSYEELTVDTSTNTTIANGKE   147
NTDB id 362 SMU RS05200 WP 002262214.1          MTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNEN..........NLTYGELTVDTATNTTMVNGKE   147
NTDB id 606 V4T04 RS01910 WP 003130756.1        MTARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAVERAENTS......FRDLVIDKTNRTVHRGKKV   153
NTDB id 413 AAK55817.1 141..845( )              LSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPTQIGDLEIVPDAYVAKKYGEE   156
NTDB id 374 SMU RS06885 WP 002262930.1          LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE   157
consensus                                       **!*****!***!***!!!!!*!!!!***!!**!**!***!*******          ********  *******  *
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   <0
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 258 KZH43 RS03475 WP 000590640.1        VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 217 SPD RS03775 WP 000590640.1          VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 183 SPR RS03560 WP 000590640.1          VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 147 SP RS03905 WP 000590640.1           VELLGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 1140565 DQN21 RS06345 WP 009854247.1    VELLGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKGT.TFAKNLQTLRSVGYILKNAE.   224
NTDB id 362 SMU RS05200 WP 002262214.1          VELLGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKDT.TFGKNLQTLRSVGYILKDAN.   224
NTDB id 606 V4T04 RS01910 WP 003130756.1        IDLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKIDV.EGQDSYIQTVRGLGYVMRERK.   230
NTDB id 413 AAK55817.1 141..845( )              LDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
NTDB id 374 SMU RS06885 WP 002262930.1          VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
consensus                                       **!***!**!!*********************!!*********!*!*****!*!****  *******!*!**!!****  *
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X non conserved

X similar

X ≥ 50% conserved