```
logo

NTDB id 1030352 AB6M97 RS05765 WP 121834665.1  ..MIKILLVEDDLSLSNSVFDFLDDGFADVIQVFDGAEGIYEAESGIYDLILLDLMLPEKNGFQVLKEIREKGITTPVLI   78
NTDB id 258 KZH43 RS03475 WP 000590640.1       ..MIKILLVEDDLGLSNSVFDFLD.DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI   77
NTDB id 217 SPD RS03775 WP 000590640.1         ..MIKILLVEDDLGLSNSVFDFLD.DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI   77
NTDB id 183 SPR RS03560 WP 000590640.1         ..MIKILLVEDDLGLSNSVFDFLD.DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI   77
NTDB id 147 SP RS03905 WP 000590640.1          ..MIKILLVEDDLGLSNSVFDFLD.DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI   77
NTDB id 362 SMU RS05200 WP 002262214.1         ..MIKLLLVEDDLSLSNSIFDFLD.DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLI   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                                        **!*!***!** *********  *********!***********!*!*!!!!!!!**!**!****!******!***

logo

NTDB id 1030352 AB6M97 RS05765 WP 121834665.1  MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKLTD..........NNLVYGNVSVDLTTNRTTVDDAE   148
NTDB id 258 KZH43 RS03475 WP 000590640.1       MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNE..........NTLTYGNIVVNLSTNTVKVEDTP   147
NTDB id 217 SPD RS03775 WP 000590640.1         MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNE..........NTLTYGNIVVNLSTNTVKVEDTP   147
NTDB id 183 SPR RS03560 WP 000590640.1         MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNE..........NTLTYGNIVVNLSTNTVKVEDTP   147
NTDB id 147 SP RS03905 WP 000590640.1          MTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNE..........NTLTYGNIVVNLSTNTVKVEDTP   147
NTDB id 362 SMU RS05200 WP 002262214.1         MTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNE..........NNLTYGELTVDTATNTTMVNGKE   147
NTDB id 606 V4T04 RS01910 WP 003130756.1       MTARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAVERAENTS......FRDLVIDKTNRTVHRGKKV   153
NTDB id 413 AAK55817.1 141..845( )             LSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEE   156
NTDB id 374 SMU RS06885 WP 002262930.1         LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE   157
consensus                                      **!*****!***!***!!!!!*!!!!***!!**!**!***!******          * ******** ***********

   <0

logo

NTDB id 1030352 AB6M97 RS05765 WP 121834665.1  VELLGKEFELLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKIRKKLKGS.DFGENLQTLRSVGYILKNG..   224
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 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                                      **!***!**!!*********************!!*********!*!*****!*!**** *******!*!**!!**** *
```

X non conserved

X similar

X ≥ 50% conserved