```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 606 V4T04 RS01910 WP 003130756.1   MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKE.KDTPIIMMTARD   84
NTDB id 32930 SUB RS04820 WP 012658457.1   ..MIKLLLVEDDLSLSNSIFDFLDDF.ADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKDIKTPVLIMTAKE   82
NTDB id 362 SMU RS05200 WP 002262214.1     ..MIKLLLVEDDLSLSNSIFDFLDDF.ADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLIMTAKE   82
NTDB id 258 KZH43 RS03475 WP 000590640.1   ..MIKILLVEDDLGLSNSVFDFLDDF.ADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLIMTAKE   82
NTDB id 217 SPD RS03775 WP 000590640.1     ..MIKILLVEDDLGLSNSVFDFLDDF.ADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLIMTAKE   82
NTDB id 183 SPR RS03560 WP 000590640.1     ..MIKILLVEDDLGLSNSVFDFLDDF.ADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLIMTAKE   82
NTDB id 147 SP RS03905 WP 000590640.1      ..MIKILLVEDDLGLSNSVFDFLDDF.ADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELREKGITTPVLIMTAKE   82
consensus                                   **!*!**!!***!********!***  ********!**!!*!!*!**!!!!!!!!!!!!**!!*!***!!*****!!***!!!**

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 606 V4T04 RS01910 WP 003130756.1   STMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAVERAENTSFRDLVIDKTNRTVHRGKKVIDLTREYDLLLTLMQ   169
NTDB id 32930 SUB RS04820 WP 012658457.1   TIDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN....NNLIRYGNIQVDTDRNMVTVNQENIELLGKEYELLIYFLQ   163
NTDB id 362 SMU RS05200 WP 002262214.1     GLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN....ENNLTYGELTVDTATNTTMVNGKEVELLGKEFDLLVYFLQ   163
NTDB id 258 KZH43 RS03475 WP 000590640.1   SLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN....ENTLTYGNIVVNLSTNTVKVEDTPVELLGKEFDLLVYFLQ   163
NTDB id 217 SPD RS03775 WP 000590640.1     SLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN....ENTLTYGNIVVNLSTNTVKVEDTPVELLGKEFDLLVYFLQ   163
NTDB id 183 SPR RS03560 WP 000590640.1     SLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN....ENTLTYGNIVVNLSTNTVKVEDTPVELLGKEFDLLVYFLQ   163
NTDB id 147 SP RS03905 WP 000590640.1      SLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFN....ENTLTYGNIVVNLSTNTVKVEDTPVELLGKEFDLLVYFLQ   163
consensus                                  ***!***!***!!!!!*!!!!**!!!**!**!***!*****    **************************!***!**!!****!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 606 V4T04 RS01910 WP 003130756.1   NVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKIDVEGQDSYIQTVRGLGYVMREREK   230
NTDB id 32930 SUB RS04820 WP 012658457.1   NQNVILPKSQIFDRIWGFDSDTTISVVEVYISKIRKKLKSTDFATNLQTLRSVGYILKSND   224
NTDB id 362 SMU RS05200 WP 002262214.1     NQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKDTTFGKNLQTLRSVGYILKDAN   224
NTDB id 258 KZH43 RS03475 WP 000590640.1   NQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTTFAENLQTLRSVGYLLKDVQ   224
NTDB id 217 SPD RS03775 WP 000590640.1     NQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTTFAENLQTLRSVGYLLKDVQ   224
NTDB id 183 SPR RS03560 WP 000590640.1     NQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTTFAENLQTLRSVGYLLKDVQ   224
NTDB id 147 SP RS03905 WP 000590640.1      NQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGTTFAENLQTLRSVGYLLKDVQ   224
consensus                                  !***************!!****!***!!*!!****!*!***********!!*!**!!******
```

X non conserved

X similar

X $\geq$ 50% conserved