```
logo
NTDB id 407 SMU RS04605 WP 002262865.1        MDNFQLFKLKKAGLTNLNILNIIDYEERTQKSL......SLRDMAVVSKNKKPLIFMEHYKNLDSKALRKEF..NRFPSLSILDK   77
NTDB id 130819 EP23 RS14350 WP 060550902.1    MLLENLIKLRYAGFTTQQLYRIFKRPIDV...LSSDITPILHQYITHQSPSSLRLKLQTFHTLSASDILQQLRHDNIFPITILDE   82
NTDB id 40 MW RS06080 WP 000593192.1          MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYYAFIKLDHNDIIKELQKLKVSYITYMDS   85
NTDB id 25 SA RS06185 WP 000593194.1          MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDIIKELQKLKVSYITYMDS   85
consensus                                     !****!*!!**!********* ********** *******!********** **********!****************** *!*

logo
NTDB id 407 SMU RS04605 WP 002262865.1        EYPLELKNIYNPPVLLFYQGDLDLLA..RPKLAVVGSRNASQMGVAAVKKIIQ.DLSKQFVIISGLARGIDTAAHLASLKSGGAT   159
NTDB id 130819 EP23 RS14350 WP 060550902.1    QFPTLLKEIYQPPLLLFCKGDLTHVTISKYKLGIVGARDCTLYSEKAVNYLLHEMKHAPLIIVSGLAKGTDALAHDYALKYSLPT   167
NTDB id 40 MW RS06080 WP 000593192.1          EYPVLLKEIYQFPLLLFYKGNIKLIN.NMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAMAHQIALKYNLPT   169
NTDB id 25 SA RS06185 WP 000593194.1          EYPVLLKEIYQFPLLLFYKGNIKLIN.NMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAMAHQIALKYNLPT   169
consensus                                     **!**!!*!!**!*!!!**! ***** ****!**!!*!******** **************!*!!!!*!*!**!!***!!****!

logo
NTDB id 407 SMU RS04605 WP 002262865.1        IAVIGTGLDVHYPKENRRLQDYI..AKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLITCERAMERGRDV   242
NTDB id 130819 EP23 RS14350 WP 060550902.1    IGVLGFGHHYHYPSVTKSLRHTIEMNRRGLTISEYPPMTPPAKFRFPERNRIISGLSHGVLVTEAKEKSGALITLDQALEHNRNV   252
NTDB id 40 MW RS06080 WP 000593192.1          IAVLAFGHQTHYPKSTLALRNKI..EEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHITIDFALEQNRNV   252
NTDB id 25 SA RS06185 WP 000593194.1          IAVLAFGHQTHYPKSTLALRNKI..EEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHITIDFALEQNRNV   252
consensus                                     !*!***!***!!!*****!***!  ****!**!!!*******!**!!!!!!!!*!!!*!!***!!!**!!**!!***!*!**!*!

logo
NTDB id 407 SMU RS04605 WP 002262865.1        FVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF...   280
NTDB id 130819 EP23 RS14350 WP 060550902.1    YVLPGDMFNKHTKGNMMRIKEGAEIVLSAADILKDLNTSIQ   293
NTDB id 40 MW RS06080 WP 000593192.1          YVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI...   290
NTDB id 25 SA RS06185 WP 000593194.1          YVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI...   290
consensus                                     *!*!!********!****!*!!!**** **!! *** *
```

X non conserved

X similar

X ≥ 50% conserved