```
logo

NTDB id 1146 A1552VC RS00790 WP 001188316.1   MQRANYARTIYLLTTQPKALHPSIQAAIEQLNLPVPVIEPERLLREYQSDKHKILLLDHAENGLIRQQLGPLKLTSPYFE   80
NTDB id 1394 DSB67 RS13765 WP 005432827.1     MKKSAYARKLFLISMEEDACK.KVEALEKYTDIDIPVISTQALMEANPKHRNKILLIDFSEHKELVLSIKNLPLIWKNFE   79
NTDB id 1112538 KHN94 RS13065 WP 182010921.1 MRKSAYARKLFLISMEDNAAQ.KVTALEKYIEISIPVISTDALMEAQPEHRNKILLIDFSEHKALVQSIKNLPLVWKNFE   79
NTDB id 1296 VP RS13295 WP 005480993.1        MRKSAYARKLFLISMEDDAAQ.KVASLEKYIDMSIPVISTDALMEAKPEHRNKILLIDFSEHKSLVQSIKNLPLVWKNFE   79
consensus                                     !****!!!***!******!** ** **********!!****!************!!!!*!**!** *******!*!****!!

logo

NTDB id 1146 A1552VC RS00790 WP 001188316.1   TILFNVEKRLRTEDLLTFGNLKGLFYANEDTGFIAHGLGEIINGQNWLPRHVSSQLLHYYRYAFQSHQVQATVDLTAREI   160
NTDB id 1394 DSB67 RS13765 WP 005432827.1     TVVFNVPKRLTTDELLAFGQLKGIFYEESSLEQIGEGLKEIINGQNWLPRNVTSQLLHYYRNVISTHTAPATVDLTIREL   159
NTDB id 1112538 KHN94 RS13065 WP 182010921.1 TIIFNVPKRLTTDELLCFGQLKGVFYAEDSLEQVGEGLRGIINGQNWLPRNVSSQLLHYYRNVINTHTAPATVDLTIREL   159
NTDB id 1296 VP RS13295 WP 005480993.1        TVVFNVPKRLTTDELLAFGQLKGLFYSEDSLEQVGEGLKGIVNGQNWLPRNVTSQLLHYYRNVINTHTAPATVDLTIREL   159
consensus                                     !**!!!*!!!*!**!!*!!*!!!*!!********** !*!!!!!!!!*!*!!!!!!!!*****!***!!!!!!*!!*

logo

NTDB id 1146 A1552VC RS00790 WP 001188316.1   QILRCLQTGASNMQIAENLFISEFTVKSHLYQIFKKLNVKNRVKAIAWVNQNLL.   214
NTDB id 1394 DSB67 RS13765 WP 005432827.1     QVLRCLQAGASNNQMAEELFVSEFTIKSHLYQIFKKLSVKNRVQAIAWADQNLMS   214
NTDB id 1112538 KHN94 RS13065 WP 182010921.1 QVLRCLQDGASNSQMAEELFVSEFTIKSHLYQIFKKLSVKNRVQAIAWADQNLMS   214
NTDB id 1296 VP RS13295 WP 005480993.1        QVLRCLQAGASNSQMAEELFVSEFTIKSHLYQIFKKLSVKNRVQAIAWADQNLMS   214
consensus                                     !*!!!!!*!!!!*!*!!*!!*!!!!*!!!!!!!!!!!!*!!!!!*!!!!**!!!**
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X non conserved

X similar

X $\geq$ 50% conserved