```
logo

NTDB id 249084 CP942 RS05120 WP 003180627.1  MEIERINEHTVKFYISYGDIEDRGFDREEIWYNRERSEELFWEMMDEVHEEEEFAVEGPLWIQVQALDKGLEIIVTRAQL   80
NTDB id 84 BSU 11520 NP 389034.1             MEIERINEHTVKFYMSYGDIEDRGFDREEIWYNRERSEELFWEVMDEVHEEEEFAVEGPLWIQVQALDKGLEIIVTKAQL   80
consensus                                    !!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!

logo

NTDB id 249084 CP942 RS05120 WP 003180627.1  SKDGQKLELPIPEDKKQHVAEESLDALLDDFQKEEQA.....EEQKLQFVLKFDDFEDLISLSKMSISGCQTTLYSHENR   155
NTDB id 84 BSU 11520 NP 389034.1             SKDGQKLELPIPEDKKQEPASEDLDALLDDFQKEEQAVNQEEKEQKLQFVLRFGDFEDVISLSKLNVNGSKTTLYSFENR   160
consensus                                    !!!!!!!!!!!!!!!!!!**! ! !!!!!!!!!!!!!!!***** !!!!!!!!!*! !!!!*!!!!!* * !* !!!!!*!!!

logo

NTDB id 249084 CP942 RS05120 WP 003180627.1  YYLFVDFSELPDEEVENQLSILLEYASESKTTIHMLKEYGTLIAADHALHTIKKHFA.   212
NTDB id 84 BSU 11520 NP 389034.1             YYLYVDFCNMTDEEVENQLSILLEYATESSISIHRLEEYGKLIISEHALETIKKHFAS   218
consensus                                    !!!*!!!* **!!!!!!!!!!!!!!!!!!!!!  *!! ! !!! !!  *!!!!*!!!!!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved