```
logo
NTDB id 83 BSU 35490 NP 391429.1          MTKVNIVIIDDHQLFREGVKRILDFEPTFEVVAEGDDGDEAARIVEHYHPDVVIMDINMPNVNGVEATKQLVELYPESKV   80
NTDB id 180431 A2I65 RS05420 WP 065865303.1 .MTIKVLFVDDHEMVRIGISSYLSTQPDIEVVGEGKSGKEAIEKAHELHPDLILMDLLMEDMDGVEATQQIKKDLPNIKV   79
NTDB id 4 SA RS09755 WP 000153535.1       .MTIKVLFVDDHEMVRIGISSYLSTQSDIEVVGEGASGKEAIAKAHELKPDLILMDLLMEDMDGVEATTQIKKDLPQIKV   79
consensus                                 ********!!!***!*****!******!!!*!! *!*!!* ******!!***!!**!****!!!!! !*****!**!!

logo
NTDB id 83 BSU 35490 NP 391429.1          IILSIHDDENYVTHALKTGARGYLLKEMDADTLIEAVKVVAEGGSYLHPKVTHNLVNEFRRLATSGVSAHPQHEVYPEIR  160
NTDB id 180431 A2I65 RS05420 WP 065865303.1 LMLTSYIEDNEVYRALDAGVDSYILKTTSASDIAEAIRKTQHNESVFEAEVLVKMRNRM.................NQRA  142
NTDB id 4 SA RS09755 WP 000153535.1       LMLTSFIEDKEVYRALDAGVDSYILKTTSAKDIADAVRKTSRGESVFEPEVLVKMRNRM.................KKRA  142
consensus                                 **!********!**!!**!***!*!!***! ****!****  **!*****!*****!**                    **

logo
NTDB id 83 BSU 35490 NP 391429.1          RPLHILTRRECEVLQMLADGKSNRGIGESLFISEKTVKNHVSNILQKMNVNDRTQAVVVAIKNGWVEMR   229
NTDB id 180431 A2I65 RS05420 WP 065865303.1 ELYEMLTDREMEILLLIAKGYSNQEIASASHITIKTVKTHVSNILSKLEVQDRTQAVIYAFQHDLIQ..   209
NTDB id 4 SA RS09755 WP 000153535.1       ELYEMLTEREMEILLLIAKGYSNQEIASASHITIKTVKTHVSNILSKLEVQDRTQAVIYAFQHNLIQ..   209
consensus                                 *****!!*!!*!*!***!*!*!!**!*****!**!!!!*!!!!!!*!**!*!!!!!!**!*** ***
```

X non conserved

X similar

X $\geq$ 50% conserved