

```
logo

NTDB id 101958 AYM34 RS10840 WP 000153530.1  .MTIKVLFVDDHEMVRIGISSYLSTQSDIEVVGEGASGKEAIAKAHELKPDLILMDLLMDDMDGVEATTQIKKDLPQIKV   79
NTDB id 4 SA RS09755 WP 000153535.1          .MTIKVLFVDDHEMVRIGISSYLSTQSDIEVVGEGASGKEAIAKAHELKPDLILMDLLMEDMDGVEATTQIKKDLPQIKV   79
NTDB id 83 BSU 35490 NP 391429.1             MTKVNIVIIDDHQLFREGVKRILDFEPTFEVVAEGDDGDEAARIVEHYHPDVVIMDINMPNVNGVEATKQLVELYPESKV   80
consensus                                     ********!!!***!*!****!******!!!*!!**!*!!*********!!***!!**!****!!!!!*!*****!**!!
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logo

NTDB id 101958 AYM34 RS10840 WP 000153530.1  LMLTSFIEDKEVYRALDAGVDSYILKTTSAKDIADAVRKTSRGESVFEPEVLVKMRNRMKKR.................A   142
NTDB id 4 SA RS09755 WP 000153535.1          LMLTSFIEDKEVYRALDAGVDSYILKTTSAKDIADAVRKTSRGESVFEPEVLVKMRNRMKKR.................A   142
NTDB id 83 BSU 35490 NP 391429.1             IILSIHDDENYVTHALKTGARGYLLKEMDADTLIEAVKVVAEGGSYLHPKVTHNLVNEFRRLATSGVSAHPQHEVYPEIR   160
consensus                                    **!********!**!!**!***!*!!***!*****!!*****!*!***!*!*****!*****                  *
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logo

NTDB id 101958 AYM34 RS10840 WP 000153530.1  ELYEMLTEREMEILLLIAKGYSNQEIASASHITIKTVKTHVSNILSKLEVQDRTQAVIYAFQHNLIQ..   209
NTDB id 4 SA RS09755 WP 000153535.1          ELYEMLTEREMEILLLIAKGYSNQEIASASHITIKTVKTHVSNILSKLEVQDRTQAVIYAFQHNLIQ..   209
NTDB id 83 BSU 35490 NP 391429.1             RPLHILTRRECEVLQMLADGKSNRGIGESLFISEKTVKNHVSNILQKMNVNDRTQAVVVAIKNGWVEMR   229
consensus                                    *****!!*!!!*!*!***!*!*!!**!*****!**!!!!*!!!!!!!*!**!*!!!!!!!**!*******
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X non conserved

X similar

X ≥ 50% conserved