```
logo

NTDB id 158628 AOB58 RS00465 WP 002507206.1  MTIKVLFVDDHEMVRIGISSYLSTQPDIDIVGEGQSGKDAIEKAHQLNPDLILMDLLMDDMDGVDATEQIKKDLPHIKVV   80
NTDB id 4 SA RS09755 WP 000153535.1          MTIKVLFVDDHEMVRIGISSYLSTQSDIEVVGEGASGKEAIAKAHELKPDLILMDLLMEDMDGVEATTQIKKDLPQIKVL   80
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!*!!**!!!! !!!*!! !!! ! !!!!!!!!!!*!!!!!*!! !!!!!!!*!!!*

logo

NTDB id 158628 AOB58 RS00465 WP 002507206.1  MLTSYIEDNEVYRALDSGVDSYILKTTSASDIAEAIRKTYKNESVFEAEVLVKMRNRMKQRAELYEMLTEREMEILLLIA  160
NTDB id 4 SA RS09755 WP 000153535.1          MLTSFIEDKEVYRALDAGVDSYILKTTSAKDIADAVRKTSRGESVFEPEVLVKMRNRMKKRAELYEMLTEREMEILLLIA  160
consensus                                    !!!!*!!! !!!!!!! !!!!!!!!!!!! !!!*!*!!! * !!!!!*!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!

logo

NTDB id 158628 AOB58 RS00465 WP 002507206.1  KGYSNQEIASASHITIKTVKTHVSNILSKLEVQDRTQAVIYAFQHNLIQ  209
NTDB id 4 SA RS09755 WP 000153535.1          KGYSNQEIASASHITIKTVKTHVSNILSKLEVQDRTQAVIYAFQHNLIQ  209
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved