```
logo

NTDB id 112368 A6L27 RS03580 WP 002224230.1  MFSFFRRKKKQETPALEEAQIQETAAKAESETDQVIENIKEEVESLTESVKEQVESAVETVSGAVEQVKETVAEMLSEAE   80
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG   80
consensus                                    !!!!!!!!!!!!!!!!!!!!!*!!!!!! !!!  !** !!!!*!!!! !!!!   !!!!!!!!!!!!!!!!!!!!!*!!!

logo

NTDB id 112368 A6L27 RS03580 WP 002224230.1  EAAEKAAEQVEAAKEAIAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLTKSRDKMAKSLAGVFGGGQIDEDLYEELET  160
NTDB id 1118 NGFG RS11455 WP 003696286.1     EA....AERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELET  156
consensus                                    !!****!! !! !!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!! !!!!!!!!!

logo

NTDB id 112368 A6L27 RS03580 WP 002224230.1  VLITSDMGMEATEYLMKDVRDRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGK  240
NTDB id 1118 NGFG RS11455 WP 003696286.1     VLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGK  236
consensus                                    !!!! !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 112368 A6L27 RS03580 WP 002224230.1  LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGERNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  320
NTDB id 1118 NGFG RS11455 WP 003696286.1     LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  316
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 112368 A6L27 RS03580 WP 002224230.1  MEEIKKVKRVLQKAMPDAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGV  400
NTDB id 1118 NGFG RS11455 WP 003696286.1     MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGV  396
consensus                                    !!!!!!!!!!!!!!!*! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 112368 A6L27 RS03580 WP 002224230.1  GEGIDDLRPFDARAFVDALLD   421
NTDB id 1118 NGFG RS11455 WP 003696286.1     GEGIDDLRPFDARAFVDALLD   417
consensus                                    !!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved