```
logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  MESRMDKIFQAYIDNEISLDEICTKFNITSWDFFNKLANFCNLHFVDLDEDNDFIYEGIPFSLLLKFKFLLIKNNDGFMI   80
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   MESRMDKIFQAYIDNEISLDEICTKFNITSWDFFKKLANFCNLHFVDLDEDNDFIYEGIPFSLLLKFKFLLIKNNDGFMI   80
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  IRSKPCSLELLEQVKTFMICEKIDTAIADELKIAKILNQIRIQEEIKRLSIKLRLEWQENHKRDDQSCISQIFDFLLHEI  160
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   IRSKPCSLELLEQVKTFMICEKIDTAIADELKIAKILNQIRIQEEIKRLSIKLRLEWQENHKRDDQSCISQIFDFLLHEI  160
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  LSFHASDIHIEARNNDALIRFRVDGILREFAIFEKDIYEALVFHVKFLACLNLAESRKTQDGSFELDFENERYDFRVSCL  240
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   LSFHASDIHIEARNDDALIRFRVDGILREFAIFEKDIYEALVFHVKFLACLNLAESRKTQDGSFELDFENERYDFRVSCL  240
consensus                                      !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  PLIYGESVVIRILKHDKEILDLYKLNLGNKNLEILKKILHRPNGMILLTGPTGSGKSTTLYACLNELKSIEKKIISAEDP  320
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   PLIYGESVVIRILKHDKEILDLYKLNLGNKNLEILKKILHRPNGMILLTGPTGSGKSTTLYACLNELKSIEKKIISAEDP  320
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  IEYKIPLVQQILLNSKVGVEFNSVLRAILRQDPDIIMIGEIRDEESLDIALKASLTGHLLLSTLHTNDALSTIDRLLDMQ  400
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   IEYKIPLVQQILLNSKVGVEFNSVLRAILRQDPDIIMIGEIRDEESLDIALKASLTGHLLLSTLHTNDALSTIDRLLDMQ  400
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  AKSYLIASALSLVIAQRLVRKLCPWCKQKSKKHYIEFEGEFFEPKGCERCHHSGFFGRELIAECLEINEDLACAIRENQD  480
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   AKSYLIASALSLVIAQRLVRKLCPWCKQKSKKHYIEFEGEFFEPKGCERCHHSGFFGRELIAECLEINEDLACAIRENQD  480
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 288408 CJ12567 RS07475 WP 002864463.1  KTILMELAKKYGFQTMFEQGLKKAKEGLTSIDELLRVVR  519
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1   KTILMELAKKYGFQTMFEQGLKKAKEGLTSIDELLRVVR  519
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$50% conserved