```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 65443 BSEPE RS05795 WP 066045041.1  ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER  85
consensus                                   ******************************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 65443 BSEPE RS05795 WP 066045041.1  ..............MFN.....FFKKNTTDKEKATSLKDKLEKSRRKLGSGLFNLLLGKKNIDDDLLEELEMLLITADIGIDTTD  66
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLA.GVFGGGQIGEDLYEELETVLITGDMGMEATE  169
consensus                                   **************   *****      *    !  !!  ! !!! !**  ! * * !  *! *!! !!!! *!!!*!*!** !*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 65443 BSEPE RS05795 WP 066045041.1  KVLESVRKNASRKTLKNSDELYEFLKGELAKLL..IEDNQLNTDQQDTFVILVVGVNGAGKTTTIGKLAKSFQNQGKSVMLAAGD  149
NTDB id 1118 NGFG RS11455 WP 003696286.1    YLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGD  254
consensus                                    **  !!   ! ! !!   !!   !!  !  !****! * * **  **!!!** !*!!!!!!!*!!!!!! !! !!!!!*!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 65443 BSEPE RS05795 WP 066045041.1  TFRAAAVEQLKVWGQRNDIPVVAQDTGADAASVIFDAYQSAQAKKIDILIADTAGRLHTQDNLMQELEKIKRVISKQNEDAPHEV  234
NTDB id 1118 NGFG RS11455 WP 003696286.1    TFRAAAREQLQAWGGRNNVTVISQTTGD.SAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEI  338
consensus                                   !!!!!! !!!  !! !! **!* ! !! * ! !*!!! ! ! !* !!!**!!!!!!! !! *!! !* !*!!!* !  * !!!!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 65443 BSEPE RS05795 WP 066045041.1  MLVVDGGAGQNALNQAKAFNKSVILSGISVTKLDGTAKGGIVFAISNELQLPIRYIGVGEGIDDLKPFVAKDFVDALFETQ  315
NTDB id 1118 NGFG RS11455 WP 003696286.1    IVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD..  417
consensus                                   **!*!*  !!!!*!! !!!   * !*!* !!!!!!!!!!!!* !*  * **!*!!!!!!!!!!!!!*!! !* !!!!! ***
```

X non conserved

X similar

X $\geq$ 50% conserved